PUBLIC COMMENT DRAFT REPORT FOR THE

Reassessment of the Norway North East Arctic saithe fishery

Norges Fiskarlag

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Objective:

Re-assessment of the Norway North East Arctic saithe fishery against MSC Fisheries Standards v2.0 (Assessment tree v.1.3).

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	[yyyy-mm-dd]	Public Certification Report	Hans Lassen, Lucia Revenga, Geir Hønneland & Sandhya Chaudhury	

Table of contents

ABBREVIATIONS & ACRONYMS 1

STOCK ASSESSMENT REFERENCE POINTS 1

1 EXECUTIVE SUMMARY 1
1.1 Main strengths and weaknesses of the client's operation 3
1.2 Determination / draft determination 4

2 AUTHORSHIP AND PEER REVIEWERS 5
2.1 Assessment team 5
2.2 Peer reviewers 8

3 DESCRIPTION OF THE FISHERY 9
3.1 Unit(s) of Assessment (UoA) and scope of certification sought 9
3.2 Overview of the fishery 12
3.3 Principle One: Target Species Background 15
3.4 Principle Two: Ecosystem Background 19
3.5 Principle Three: Management System Background 42

4 EVALUATION PROCEDURE 45
4.1 Harmonised Fishery Assessment 45
4.2 Previous assessments 47
4.3 Assessment Methodologies 48
4.4 Evaluation Processes and Techniques 50

5 TRACEABILITY 56
5.1 Eligibility Date 56
5.2 Traceability within the Fishery 56
5.3 Eligibility to Enter Further Chains of Custody 59
5.4 Eligibility of Inseparable or Practicably Inseparable (IPI) stock(s) to Enter Further Chains of Custody 60

6 EVALUATION RESULTS 61
6.1 Principle Level Scores 61
6.2 Summary of PI Level Scores 61
6.3 Summary of Conditions 62
6.4 Determination, Formal Conclusion and Agreement 63

REFERENCES 64

APPENDIX 1 SCORING AND RATIONALES 67
Appendix 1.1 Performance Indicator Scores and Rationale 67
Principle 1 67
Principle 2 79
Principle 3 133
Appendix 1.3 Conditions 156

APPENDIX 2 PEER REVIEW REPORTS 163

APPENDIX 3 STAKEHOLDER SUBMISSIONS 183
Appendix 3.1 Barents Sea Harmonisation meeting results summary 184

APPENDIX 4 SURVEILLANCE FREQUENCY 187

APPENDIX 5 OBJECTIONS PROCESS 188

APPENDIX 6 VESSEL LIST 189

ABBREVIATIONS & ACRONYMS

ACOM	(ICES) Advisory Committee
CPUE	Catch per unit effort
DoF	Directorate of Fisheries
EEZ	Exclusive Economic Zone
ETP	Endangered, threatened and protected species
FAO	Food and Agriculture Organization of the United Nations
FCR	Fisheries certification Requirements
ICES	International Council of the Seas
IMR	Institute for Marine Research
JNRFC	Joint Norwegian-Russian Fisheries Commission
MAREANO	Marine AREA database for Norwegian waters / Marin AREA database for Norske kyst- og havområder
MFCA	Ministry of Fisheries and Coastal Affairs
MINSA	Mackerel Industry Northern Sustainability Alliance
MSC	Marine Stewardship Council
NEA	North East Arctic
NFA	Norges Fiskarlag
PI	Performance indicator
PISG	Performance Indicator Scoring Guidepost
SAM	State-Space assessment model
SG	Scoring Guidepost
SSB	Spawning stock biomass
TAC	Total allowable catch
UOC	Unit of Certification
VME	Vulnerable marine ecosystems
VMS	Vessel monitoring system
WGDEEP	(ICES) Working Group on the Biology and Assessment of Deep-sea Fisheries Resources
XSA	Extended survivor's analysis

STOCK ASSESSMENT REFERENCE POINTS

B_0	The (spawning) biomass expected if there had been no fishing (assuming recruitment as estimated through stock assessment).
B_{lim}	Spawning biomass limit reference point, sometimes used as a trigger within harvest control rules, or defined as the point below which recruitment is expected to be impaired or the stock dynamics are unknown
B_{msy}	Spawning Biomass at which the maximum sustainable yield is expected (sometimes expressed as SB_{msy})
B_{targ}	Spawning biomass target reference point
F_{lim}	Exploitation rate limit reference point, often taken as Fmsy based on UNFSA
F_{msy}	Fishing mortality rate associated with the achieving maximum sustainable yield
F_{targ}	Fishing mortality target reference point
MSY	Maximum Sustainable Yield

1 EXECUTIVE SUMMARY

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This report provides information on the re- assessment of the Norway North East Arctic saithe fishery against MSC Fisheries Standard and Guidance v2.0. The report is prepared by DNV GL for the client Norges Fiskarlag.

The Norway North East Arctic saithe fishery received its original certificate on 16 June 2008 and re-certified on16 June 2013 (Certificate number: F-DNV-60006, valid until 16 June 2018).

The re-assessment was announced on the MSC website 17th August 2017 followed by a supporting notice to stakeholders issued by the MSC on the same date. Direct email notification was also sent to the stakeholders previously identified for this fishery, inviting interested parties to contact the audit team.

The re-assessment audit was performed as an on-site audit in Oslo and Bergen, Norway. The re-assessment activities were carried out by DNV GL team leader and CoC expert Mrs. Sandhya Chaudhury and Independent MSC Fisheries experts Hans Lassen, Lucia Revenga and Geir Hønneland during 19 -20 September 2017. The assessment team gathered input from the various stakeholders, including the Norwegian Ministry of Trade, Industry and Fisheries, the Institute of Marine Research, the Directorate of Fisheries and the client fishery.

The re-assessment activities were carried out using the re-assessment audit methodology, as defined in the MSC Certification Requirements (CR) (version 2.1) and in the subsequent MSC Guidance for the Fisheries Certification Requirements (version 2.0). The default assessment tree as set out in the MSC CR v1.3 was used for this re-assessment. The fishery attained a score of 80 or more against each of the MSC Principles and did not score less than 60 against any of the individual MSC Criteria. Scope of certification is up to the point of landing and chain of custody commences from the point of sale.

The list of vessels covered by this assessment is shown in Appendix 6.

Table 1 Assessment team

Role	Name
Team leader and Chain of custody responsible:	Mrs. Sandhya Chaudhury
Principle 1 expert:	Hans Lassen
Principle 2 expert:	Lucia.Revenga Giertych
Principle 3 expert:	Geir Hønneland

Table 2 Assessment timeline

Event	Date
Announcement of initial assessment:	18th August 2017
Site visit and stakeholder consultations:	19th & 20th September 2017
Publication of Public Certification Draft Report	
Publication of Final Report	
Publication of Public Certification Report	
Eligibility date:	16th June 2018

1.1 Main strengths and weaknesses of the client's operation

1.1.1 Main strengths

Principle	Performance Indicator	Comment
Principle 1		The stock is well assessed as an ICES Category 1 stock. There are detailed data from the fleet, the fishery and from abundance surveys; There is an agreed HCR deemed precautionary by ICES and the stock is managed according to principles consistent with MSC Principle 1
Principle 2	2.4.2, 2.4.3, 2.5.2 and 2.5.3	There is a broad range of information both in habitat types and ecosystem models. Besides, there is good management of habitats and ecosystem in Norwegian EEZ.
Principle 3		The fishery operates under a well-established and effective management system, with excellent consultation rights, extensive enforcement and a high degree of compliance.

1.1.2 Main weaknesses

Principle	Performance Indicator	Comment
Principle 1		None relevant
Principle 2	2.1.1	Danish seine, Hooks & Lines, Gillnets & Demersal trawls: Cod is one of the main retained species for these UoC'S with these gears. It has not been possible for the team to determine if the cod taken by the fleer is coastal cod or not. The coastal cod is under a Norwegian coastal cod Rebuilding Plan. The survey estimate in 2015 is close to the lowest value in the time-series and well below the rebuilding biomass set in the Rebuilding Plan.
	2.1.2	Danish seine, Hooks & Lines, Gillnets & Demersal trawls: All UoCs for the mentioned gears have cod (NEA cod and coastal cod) as one of the main retained species. The status of coastal cod requires specific management measures, some of which have been implemented for more than 10 years now. And although the coastal cod stock shows some signs of recovery over the years, these are sporadic and short lasting, and catches continue to be at the same levels as in 2004, exceeding ICES Advice.
	2.3.1	Hooks & Lines, Gillnets & Demersal trawls: Given that landings of redfish species are not detailed to the species level, it is not possible to estipulate that these gear types are highly unlikely to create unacceptable impacts on the golden redfish stock.
Principle 3		None relevant

1.2 Determination / draft determination

[FR: Final determination. PCR: formal statement from decision making entity]

The Norway North East Arctic saithe fishery achieved a score of 80 or more for each of the three MSC Principles, and did not score under 60 for any of the set MSC criteria.

Based on the evaluation of the fishery presented in this report the assessment team recommends the certification of the Norway North East Arctic saithe fishery for the client Norges Fiskerlag

As the fishery achieved a score of below 80 against 3 scoring indicators, the assessment team has set 3 conditions (Table 3) for the continued certification that the client is required to address. The conditions are applicable to improve performance to at least the 80 level within the period set by the assessment team.

Table 3 Conditions for certification (full text in Appendix 1.3)

Condition number	PI	Condition	Time-scale for compliance
1	2.1.1	Danish seine, Hooks & Lines, Gillnets & Demersal trawls: By the 4th surveillance audit client shall demonstrate that the NEA saithe fishery does not pose a risk of serious or irreversible harm to the coastal cod stock, and that it does not hinder its recovery.	4 years
2	2.1.2	Danish seine, Hooks & Lines, Gillnets & Demersal trawls: By the 4th surveillance audit the client shall demonstrate that there is some objective basis for confidence that the Norwegian coastal cod rebuilding plan will effectively contribute to the rebuilding of the coastal cod stock.	4 years
3	2.3.1	Hooks & Lines, Gillnets & Demersal trawls: By the 4th surveillance audit the client shall demonstrate that the direct effects of the NEA saithe fishery (specifically with the hooks and lines, gillnets and demersal trawl UoCs) are highly unlikely to create unacceptable impacts to ETP species such as golden redfish.	4 years

There is also one recommendation for the NEA saithe fishery:

Table 4 Recommendation

PI 2.3.3.b	PI 2.3.3: Relevant information is collected to support the management of fishery impacts on ETP species, including: • Information for the development of the management strategy; • Information to assess the effectiveness of the management strategy; and Information to determine the outcome status of ETP species. b. Accurate and verifiable information is available on the magnitude of all impacts, mortalities and injuries and the consequences for the status of ETP species.
Recommendation 1	Given the numerous interactions recorded by the reference fleet, it is recommended that all encounters with the different identified ETP species are comprehensively recorded in an electronic database by all vessels in the UoA.

2 AUTHORSHIP AND PEER REVIEWERS

2.1 Assessment team

Table 5 Assessment team

Role	Name	Qualifications
Team leader and Chain of custody responsible	Sandhya Chaudhury	Sandhya Chaudhury is a Principal Specialist at DNV GL Business Assurance. She holds a B.Sc. in Biological sciences and a MBA. Sandhya Chaudhury has been the Lead Auditor/Team Leader for various MSC Pre- and Full Assessments since 2005. She has participated in various MSC workshops introducing certification methodology for MSC Fisheries and Chain of Custody to workshop participants. She is well-versed in project management with proven ability to lead cross-disciplinary teams. Sandhya has auditor experience with other quality management standards since 2002 and industry experience since 1991. Sandhya has been previously involved with the assessment of this fishery until 2013. Sandhya has no conflicts of interest in relation to the fishery under assessment. She meets the competence criteria in MSC Certification requirements v. 2.0, annex PC, in having appropriate skills related to Chain of Custody requirements. She also has the knowledge of the country, language and local fishery She is trained as a team leader, incl. traceability, according to v. 1.3 and 2.0. She has been traceability responsible for several MSC assessments and is a qualified MSC CoC auditor and technical reviewer and has also been responsible for both the Fisheries and CoC schemes. Sandhya`s qualifications meet the competence criteria defined in the MSC Certification requirements v.2.0, annex PC, for the Team-leader. Sandhya has no conflicts of interest in relation to the UoA under her responsibility.

Principle 1 expert	Hans Lassen	Hans Lassen is an independent consultant. He holds a cand. scient. (M.Sc.) from Copenhagen University (1969) and a HD (B.Sc.) from the Copenhagen Business School (1978). His background is in fish stock assessments, particularly in the application of computers and models. He joined the Danish Institute of Fisheries and Marine Research (DIFRES) in 1971. 1988-1992 he worked in the Greenland Fisheries Research Institute as Deputy Director and Director and returned to DIFRES in 1992. Between 1998 and 2003 he was in charge of the Fisheries Group in the ICES Secretariat as Fisheries Adviser who serves as secretary to the ICES Advisory Committee on Fishery Management. After 2004 he was head of the ICES Advisory Programme within the ICES Secretariat. He retired from the ICES secretariat in 2010 and has since worked as a private consultant on projects within his expertise. He has been a member and Chairman of numerous ICES committees and groups, has within the Northwest Atlantic Fisheries Organization chaired STACFIS and the Scientific Council, been a member of STECF (EC, DG Fish), scientific adviser to Danish delegations to fisheries negotiations and chaired an internal EC expert group to provide input to the EC Multi-annual Guidance Program, within the Nordic Council of Ministers he chaired its Working Group on Fisheries and worked with the FAO/DANIDA project (1982-1998) on teaching fish stock assessment. In 2006 he was awarded the prestigious Swedish prize "Kungsfenan" for contributions to communication between science and the fishing industry. At his retirement from ICES he was awarded a Special Service Award. He is author and co-author of more than 30 peer reviewed papers in prime scientific journal and numerous papers for scientific symposia. He has been a member of MSC certification assessment teams for Westgreenland shrimp and lumpfish, and for Barents Sea Demersal trawl fisheries (Greenland). He has acted as reviewer for several MSC assessment reports including cod, haddock, shrimps, anchovy, sardine and vendace. Hans has no conflicts of interest in relation to the UoA under her responsibility.
Principle 2 expert	Lucia Revenga Giertych	Lucia Revenga is a marine scientist, specialized in Fisheries Biology who holds degrees in Marine Sciences and in Environmental Sciences. For 5 years she worked with TRAGSA for the Spanish General Marine Secretariat, conducting researches on the biology and stock status of different species, such as bluefin tunas, skipjack tunas, albacores, mackerels, sardines, eels, prawns, Norway lobsters, halibuts. She has also taken part in oceanographic surveys focused in the search of vulnerable marine ecosystems. From 2011 to 2015 she worked for IFAPA (Institute for Research and Training in Fisheries) as a Fisheries biology teacher for fishermen. She also conducts research in fishery local activities with the aim of increasing community awareness of the conservation of coastal ecosystems and encouraging sustainable fishing practices. Since then she works as an independent consultant. As a P2 expert she has been involved in the DS Nephrops assessment, the Olympic krill assessment, the AKER BioMarine Krill Fishery reassessment, and the Medfish project. She has been involved as a team leader in the IDW blueshell mussel reassessment. Lucia`s qualifications meet the competence criteria defined in the MSC Certification requirements v.2.0, annex PC, for the Team-leader. Lucia has no conflicts of interest in relation to the UoA under her responsibility.

Principle 3 expert	Geir Hønneland	Geir Hønneland is Research Director of the Fridtjof Nansen Institute in Oslo, Norway, and adjunct professor at the University of Tromsø, Norway. He holds a Ph.D in political science from the University of Oslo and has primarily studied international fisheries management (with a main emphasis on compliance issues), international environmental politics and international Arctic politics more widely. Among his recent books are Arctic Politics, the Law of the Sea and Russian Identity (Palgrave, 2014), Making Fishery Agreements Work (Edward Elgar, 2012), International Environmental Agreements (Routledge, 2011), Arctic Politics and International Cooperation (Routledge, 2007) and Law and Politics in Ocean Governance: The UN Fish Stocks Agreement and Regional Fisheries Management Regimes (Martinus Nijhoff, 2006). He worked in the Norwegian Coast Guard from 1988 to 1994, where he was certified as fisheries inspector. Geir also has a wide range of evaluation and consultancy experience, e.g. for the FAO and OECD, relating to responsible fisheries management. He has been involved in MSC assessments since 2009 (covering cod, haddock and herring fisheries in the Northeast Atlantic and krill in the Southern Ocean). He has also wide experience as peer reviewer, including for shrimp fisheries in the North-East Atlantic and for other Swedish fisheries. His qualifications meet the competence criteria defined in the MSC Certification requirements v.2.0, annex PC. Hønneland has no conflicts of interest in relation to the UoA under his responsibility.

2.2 Peer reviewers

Based on experience with the relevant MSC Fishery programme and components of the Unit of Certification, the peer reviewers listed in Table 6 were selected in accordance with MSC Fishery Certification Requirements on qualifications and competencies.

The proposed Peer Reviewers was announced on the MSC website 3rd October 2017 and confirmed on 16th October 2017 followed by supporting notices to stakeholders issued by the MSC on the same dates. Direct email notifications were also sent to the stakeholders previously identified for this fishery.

Table 6 Peer reviewers

Peer reviewer	Name
Peer reviewer 1	John Nichols
Peer reviewer 2	Bert Keus

3 DESCRIPTION OF THE FISHERY

3.1 Unit(s) of Assessment (UoA) and scope of certification sought

The fishery is, to the knowledge of the assessment team, within the scope of the MSC Fisheries standard according to the following determinations:

- The target species is a fish and the fishery does not use poisons or explosives.
- The fishery is not conducted under a controversial unilateral exemption to an international agreement.
- The client or client group does not include an entity that has been successfully prosecuted for a forced labour violation in the last 2 years.
- The fishery has mechanisms for resolving disputes and disputes do not overwhelm the fishery.

3.1.1 UoA and Proposed Unit of Certification (UoC)

3.1.1.1 Unit of Assessment

The Unit of Assessment defines the full scope of what is being assessed, and includes the Unit of Certification and any other eligible fishers.

The Unit of Assessment includes the target stock (s), the fishing method or gear type/s, vessel type/s and/or practices, and the fishing fleets or groups of vessels, or individual fishing operators pursuing that stock, including any other eligible fishers that are outside the Unit of Certification.

The Unit of Assessment for this fishery assessment is specified in **Table 7**.

Table 7 Unit of Assessment (UoA)

Target stock(s)	North East Artic saithe (*Pollacius virens*)
Location of the fishery	North East Arctic Ocean, Norwegian EEZ ICES Sub-Areas I and II / FAO statistical area 27
Fishing method or gear type(s), vessel type(s) and/or practices	Danish seine, Demersal trawl, Hooks and lines (not specified), Seine nets (purse), Gill Nets (not specified)
Management	The NEA saithe stock is managed by Norwegian Authorities
Client group	Norges Fiskarlag on behalf of the entire Norwegian fleet
The fishing fleets or groups of vessels, or individual fishing operators pursuing that stock, including any other eligible fishers that are outside the unit of certification	The entire Norwegian fleet. No other eligible fishers have been identified for the fishery.

3.1.1.2 Proposed Unit of Certification

The Unit of certification is the unit entitled to receive an MSC certificate.
The proposed Unit of Certification include the target stock (s), the fishing method or gear type/s, vessel type/s and/or practices, the fishing fleets or groups of vessels or individual fishing operators pursuing that stock including those client group members initially intended to be covered by the certificate.

The MSC FCR v2.0 specifies that the Unit of Certification is defined as *"The target stock or stocks (= biologically distinct unit/s) combined with the fishing method/gear and practice (including vessel type/s) pursuing that stock and any fleets, groups of vessels, or individual vessels of other fishing operators."*

The proposed Unit of Certification is provided in Table 8 and includes the saithe bycatch in the blue whiting fishery in ICES subareas I and II (certified as a scope extension to the Norway Spring spawning herring fishery, certificate nr. MSC-F-61388 issued 09.01.2018).

Table 8 Proposed Unit(s) of Certification at the start of the certificate (prior to any certificate sharing)

Target stock(s)	North East Artic saithe (*Pollacius virens*)
Location of the fishery	North East Arctic Ocean, Norwegian EEZ ICES Sub-Areas I and II / FAO statistical area 27
Fishing method or gear type(s), vessel type(s) and/or practices	Danish seine, Demersal trawl, Hooks and lines (not specified), Seine nets (purse), Gill Nets (not specified)
Management	The NEA saithe stock is managed by Norwegian Authorities
Client group	Norges Fiskarlag on behalf of the entire Norwegian fleet
The fishing fleets or groups of vessels, or individual fishing operators pursuing that stock, including any other eligible fishers that are outside the unit of certification	The entire Norwegian fleet. No other eligible fishers have been identified for the fishery.

3.1.1.3 Other eligible fishers at the start of the certificate (prior to any certificate sharing)

Other eligible fishers mean operators that have been evaluated as part of the Unit of Assessment, but who are not eligible to use the MSC Fishery certificate without a certificate sharing agreement with the client group.

There are no other eligible fishers identified for these fisheries. The certificate includes all Norwegian vessels targeting North Sea saithe, cod, haddock and hake in IV. Other fisheries that target the same stock operate under different management schemes and are hence not eligible.

3.1.2 Final UoC(s)

(PCR ONLY)

The PCR shall describe:
a. The UoC(s) at the time of certification.
b. A rationale for any changes to the proposed UoC(s) in section 3.1(c).
c. Description of final other eligible fishers at the time of certification.

(References: FCR 7.4.8-7.4.10)

The Unit of Certification covered by the MSC Fishery certificate at the time of certification is described in Table 9.

Table 9 Unit(s) of Certification at the time of certification

Uoc	Assessment result	Target stock	Method of catch	Location of the fishery
1	Pass	North East Artic saithe (*Pollacius virens*)	Danish seine	North East Arctic Ocean, Norwegian EEZ, ICES Sub-Areas I and II / FAO statistical area 27
2	Pass	North East Artic saithe (*Pollacius virens*)	Demersal trawl	North East Arctic Ocean, Norwegian EEZ, ICES Sub-Areas I and II / FAO statistical area 27
3	Pass	North East Artic saithe (*Pollacius virens*)	Hooks and lines (not specified)	North East Arctic Ocean, Norwegian EEZ, ICES Sub-Areas I and II / FAO statistical area 27
4	Pass	North East Artic saithe (*Pollacius virens*)	Seine nets (purse)	North East Arctic Ocean, Norwegian EEZ, ICES Sub-Areas I and II / FAO statistical area 27
5	Pass	North East Artic saithe (*Pollacius virens*)	Gill Nets (not specified)	North East Arctic Ocean, Norwegian EEZ, ICES Sub-Areas I and II / FAO statistical area 27
Management		The NEA saithe stock is managed by Norwegian Authorities		
Client group		Norges Fiskarlag on behalf of the entire Norwegian fleet		
Fishing fleet		The entire Norwegian fleet. No other eligible fishers have been identified for the fishery.		

3.1.2.1 Final other eligible fishers at the time of certification

Other eligible fishers mean operators that have been evaluated as part of the Unit of Assessment, but who are not eligible to use the MSC Fishery certificate without a certificate sharing agreement with the client group.

There are no other eligible fishers identified for these fisheries. The certificate includes all Norwegian vessels targeting North Sea saithe, cod, haddock and hake in IV. Other fisheries that target the same stock operate under different management schemes and are hence not eligible.

3.1.3 Total Allowable Catch (TAC) and Catch Data

Table 10 TAC and catch data for saithe (all gears)

TAC	Year 2016	140,000 t
UoA share of TAC	Year 2016	140,392 t
UoC share of TAC	Year 2016	120,740 t
Total green weight catch by UoC	Year 2016	120,740 t
Total green weight catch by UoC	Year 2015	114,830 t

Table 11 Saithe in subareas 1+2. Catch distribution by gear in 2016 as estimated by ICES. Source ICES (2017) NEA Saithe advice Table 8

Catch 2016	Landings				Discards	Recreational catch
	Trawl	Purse seine	Gillnets	Other		
140,392	45%	20%	15%	19%	Discarding is considered to be negligible	Imprecisely known, but negligible (<1% of total catch)
	140,392					

3.1.4 Scope of Assessment in Relation to Enhanced Fisheries

The MSC Certification Requirements and Guidance v2.0 defines enhanced fisheries as: "Any activity aimed at supplementing or sustaining the recruitment, or improving the survival and growth of one or more aquatic organisms, or at raising the total production or the production of selected elements of the fishery beyond a level that is sustainable by natural processes. It may involve stocking, habitat modification, elimination of unwanted species, fertilisation or combinations of any of these practices".

The fishery in the UoA is a wild capture fishery and does not meet the definition above. The saithe in ICES subareas I & II are therefore not considered to be enhanced.

3.1.5 Scope of Assessment in Relation to Introduced Species Based Fisheries (ISBF)

The MSC Certification Requirements v2 defines ISBF fisheries as any fishery which prosecutes a target fin or shellfish species that was intentionally or accidentally transported and released by human activity into an aquatic environment beyond its natural distribution range. This does not include species that are "introduced" into a location due to an expansion in their natural geographic range.

The fishery under assessment does not meet the definition above and is therefore not considered as ISBF.

3.2 Overview of the fishery

3.2.1 Client name and contact information

Table 12 Client contact data

Client name:	Norges Fiskarlag
Contact person:	Tor Bjørkelund Larsen
Address:	Pirsenteret, 7462 Trondheim, Norway
Telephone:	+47 980 33 041
Email:	fiskarlaget@fiskarlaget.no / tor@fiskarlaget.no

3.2.2 Client information

Norges Fiskarlag (Norwegian Fishermen's Association / NFA) was established in 1926 as an interest group for the hitherto unorganized Norwegian fishermen. The main focus of the Association was better and effective control of the fish brought to shore as well as improved working conditions in the high-risk profession.

The NFA's most important objective is to organize all professional Norwegian fishermen, and the activities embrace the political, economic, social and cultural fields of interest to its members, as well as other matters, more or less, directly connected to their fishing activities. The organization is a politically independent, national organization based on voluntary membership of fishermen via their county associations and group organizations. The highest governing body of the NFA is its Congress, which consists of 69 delegates, elected by the seven county associations and two group organizations which together constitute the NFA. The Congress meets bi-annually. Intermediate authority is exercised by the National Committee that comprises of 14 members chosen from the member organizations and elected by the Congress.

The main office in Trondheim is staffed by approximately 20 people, including the General Secretary, Assistant General Secretary and sections for areas of specific interest including resource management. The NFA organizes both owners of fishing vessels and fishermen working on a share or percentage basis. The organization today represents about 25% of the registered Norwegian fishermen.

NFA coordinates the MSC Fisheries certification processes with DNV GL for the following fisheries on behalf of the entire Norwegian fleet:

- North East Arctic Cod
- North East Arctic Haddock
- North East Atlantic Mackerel
- North Sea and Skagerrak Herring
- Norwegian Spring Spawning Herring
- Norwegian Spring Spawning Herring scope extension for Blue whiting
- North Sea Saithe
- North East Arctic Cold Water Prawn
- Norway sandeel, pout and North Sea sprat
- Norway North Sea demersal fisheries

3.2.3 General overview of the fishery

The fishery occurs within the Norwegian EEZ in ICES subareas 1 and 2, Divisions 1.b and 2.a.2 at depths up to about 300m.

The fishery is executed with a range of gears, including trawl, purse seine, gillnets and longline, Table 11. Norway is taken the main share of the catch but about 15% of the total catch is taken by other non-Norwegian fleets, Table 13.

Landings of saithe fluctuated between 100,000 t – 250,000 t, dropping to a low level of 67,396 t in 1986. Since then, saithe landings have generally increased, reaching almost 200,000t in 2007 before declining to 131,827 t in 2013 followed by an increase.

Fishing takes place all year using demersal otter trawl of cod-end mesh size 130mm, purse seine, longline, gillnets and other gears including pots,Table 11. The gill net fishery is most intense

during winter, purse seine in the summer months while the trawl fishery takes place more evenly all year around.

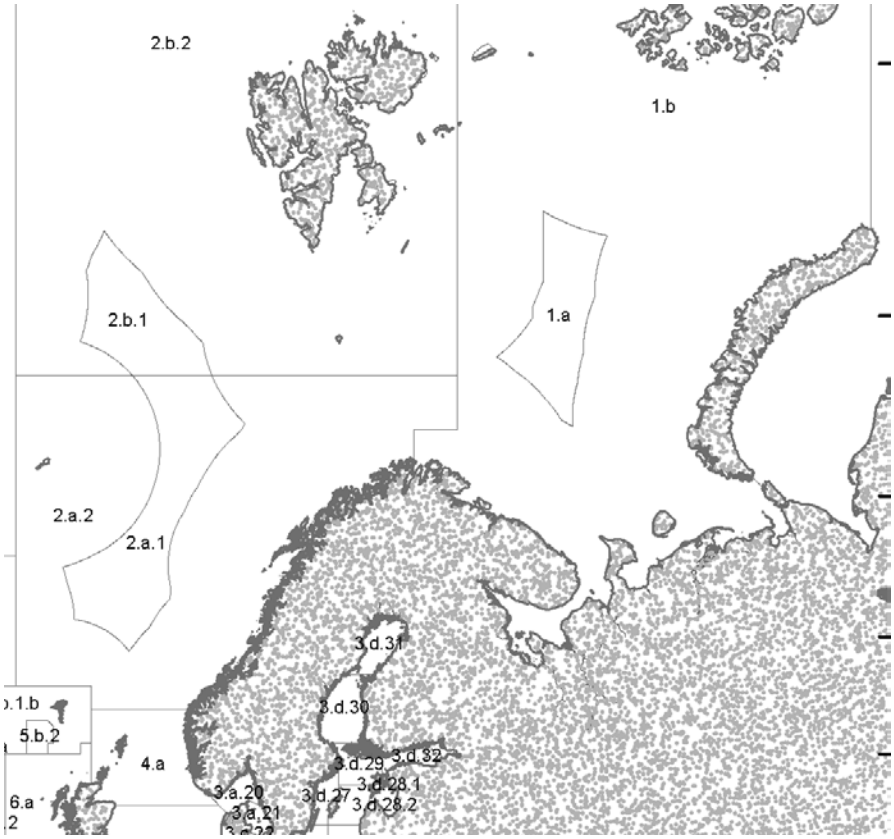


Figure 1 **ICES areas referred to in the text. Source: ICES map facility, ICES.dk**

The stock is managed by Norway through the Norwegian Fisheries Directorate facilitated by control and enforcement by the Norwegian Coastguard. Management is informed by ICES advice, supported nationally by the Institute of Marine Research (Norway).

The Units of Certification for the fishery detail the limits of the fishery scope in terms of stock, geographic range and fishing method are described in section 3.1.

Table 13 Catch (t) Saithe in ICES Subareas 1+2 by country and year. Source ICES (2017) Saithe Advice Table9

Year	Faroe Islands	France	Greenland	Germany	Iceland	Norway	Poland	Portugal	Russia	Spain	UK	Others (incl Estonia	Total
2008	2314	1009	503	2263	113	165998	66	348	11577	33	506	10	184740
2009	1611	326	697	2021	69	144570	30	204	11899	2	379	45	161853
2010	1632	677	954	1592	109	174544	279	93	14664	8	283	2	194837
2011	112	367	445	1371	65	143314		46	10007	2	972	15	156716
2012	146	781	658	1371	126	143145		23	13607	4	1000	4	160865

2013	80	1901	972	1326	290	111962	2	17	14796	5	433	22	131806
2014	273	1674	407	259	659	115798	1	8	12396	12	518		132005
2015	576	514	393	424	249	114830	1154	10	13181	34	400		131765
2016	1139	526	613	952	301	120740	528	53	15203	26	301	10	140392

3.3 Principle One: Target Species Background

3.3.1 Background and biology

Saithe (Pollachius virens) is an active gregarious fish found only in the North Atlantic. In the north-eastern Atlantic, the saithe resource has been separated into six stocks - west of Ireland, west of Scotland, off Iceland and the Farnes, in the North Sea and along the coast of Norway north of 62°N, which is the stock of the UoC, ICES (2017) NEA saithe advice. The saithe fished by the UoC belong to the Northeast Arctic saithe stock in ICES subareas 1 & 2. The area of occurrence is shown in Figure 2.

After winter-spring spawning in the Barents Sea, in April-June, juvenile saithe begin to migrate from open sea areas to the coastal zone. In summer and autumn large numbers of juvenile) saithe occupy the coastal zone. In summer (June-August), mature saithe from the Norwegian coastal banks spread far into the north-western and central Barents Sea, where they remain until spawning the next season. Juveniles start to resemble adults when they are 25-30 mm long. Once reaching 20 – 30 cm length, they settle in the littoral zone by the following autumn. After relatively rapid growth during the first years, growth gradually slows when the fish become mature, which may start as early as age four and by the age of nine, all fish are sexually mature.

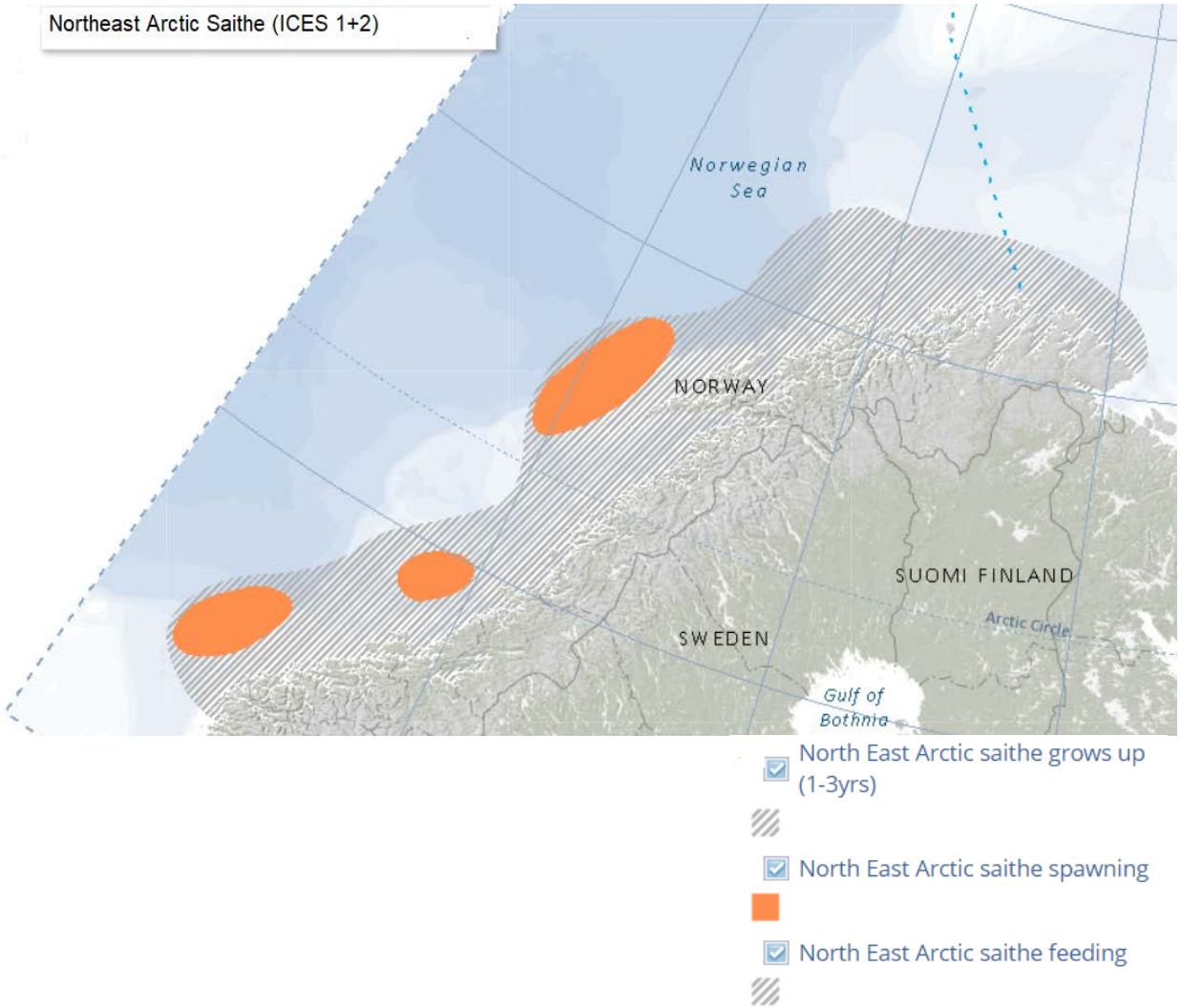


Figure 2 Northeast Arctic Saithe. Spawning, fedding and nursery (age 1-3) areas. Source: http://geodata.npolar.no/barentsportal/?&extent=-1051920,6930390,2322054,9271428&layers=layer6:37

Northeast Arctic saithe can grow to 20 kg and 130 cm and live for at least 30 years. The main prey items for young saithe are copepods, krill and other crustaceans, while older fish prey on capelin, herring, sprat, young haddock, Norway pout and blue whiting. The importance of fish in the diet is highest in the north (herring, haddock and blue whiting with cod occurring only sporadically), while further south the importance of crustacean species increases. During the fourth quarter of the year, krill is the single most important prey species, followed by Norway pout, herring, blue whiting and haddock.

3.3.2 Saithe as LTL species

The saithe is not on the list of species FCR 1.3, CB2.3.13 and box CB1. Furthermore, the saithe is not a key in the diet of predators in the Barents Sea ecosystem.

3.3.3 Stock Assessment

The saithe stock in subareas 1+2 are assessed annually by ICES through the Arctic Fisheries Working Group (AFWG). There is an extensive database available for the saithe assessment. There are detailed data on the commercial catches (international landings, ages and length frequencies from Norwegian, German, and Russian catch sampling); there is an annual abundance survey index (NOcoast-Aco-4Q, split in 2002). Discarding is considered negligible and an account of bycatch is included. On this dataset through ICES the stock is assessed annually applying an age-based analytical assessment (SAM; ICES, 2017) that uses landings in the model and in the forecast.

There are reference points available, Table 14. Concerning the precise definition of the reference points see ICES (2017) Advice Technical Guidelines section 12.4.3.1 ICES fisheries management reference points for category 1 and 2 stocks. (NEA Saithe is a category 1 stock). Blim is a PRI reference point[1]

Table 14 Saithe in subareas 1 and 2. Reference points, values, and their technical basis. Source: ICES (2017) advice on NEA saithe Table 5

Framework	Reference point	Value	Technical basis	Reference
MSY approach	MSY $B_{trigger}$	Not defined		
	F_{MSY}	Not defined		
Precautionary approach	B_{lim}	136 000 t	Change point in R-SSB diagram; segmented regression	ICES (2005)
	B_{pa}	220 000 t	$B_{lim} \times \exp(1.645 \times \sigma)$, where $\sigma = 0.3$	ICES (2005)
	F_{lim}	0.58	F corresponding to an equilibrium stock = B_{lim}	ICES (2005)
	F_{pa}	0.35	$F_{lim} \times \exp(-1.645 \times \sigma)$, where $\sigma = 0.3$. This value is considered to have a 95% probability of avoiding the Flim	ICES (2005)
Management plan	SSB_{MGT}	220 000 t	B_{pa}; F is linearly reduced from F_{pa} at SSB = B_{pa} to zero at SSB = 0	ICES (2011)
	F_{MP}	0.32	Average TAC for the coming three years based on F_{MP}	ICES (2011)

The assessment is subject to regular benchmark under the ICES umbrella, the most recent was undertaken in 2014 (ICES IBP NEA SAITHE; ICES, 2014).

3.3.4 Stock Status

[1] Blim :A deterministic biomass limit below which a stock is considered to have reduced reproductive capacity. Blim is estimated as the biomass below which recruitment reduces with spawning-stock biomass (SSB), e.g. the change point of a segmented regression in the R-SSB diagram

The results of the ICES assessment are summarised in Figure 3. The spawning–stock biomass (SSB) has been above B_{pa} since 1996, but declined considerably from 2007 to 2011, then increased again and is presently (2017) estimated to be well above B_{pa}. The fishing pressure (F) has been below F_{pa} since 1997, with the exception of 2010 and 2011. Recruitment (R) has been

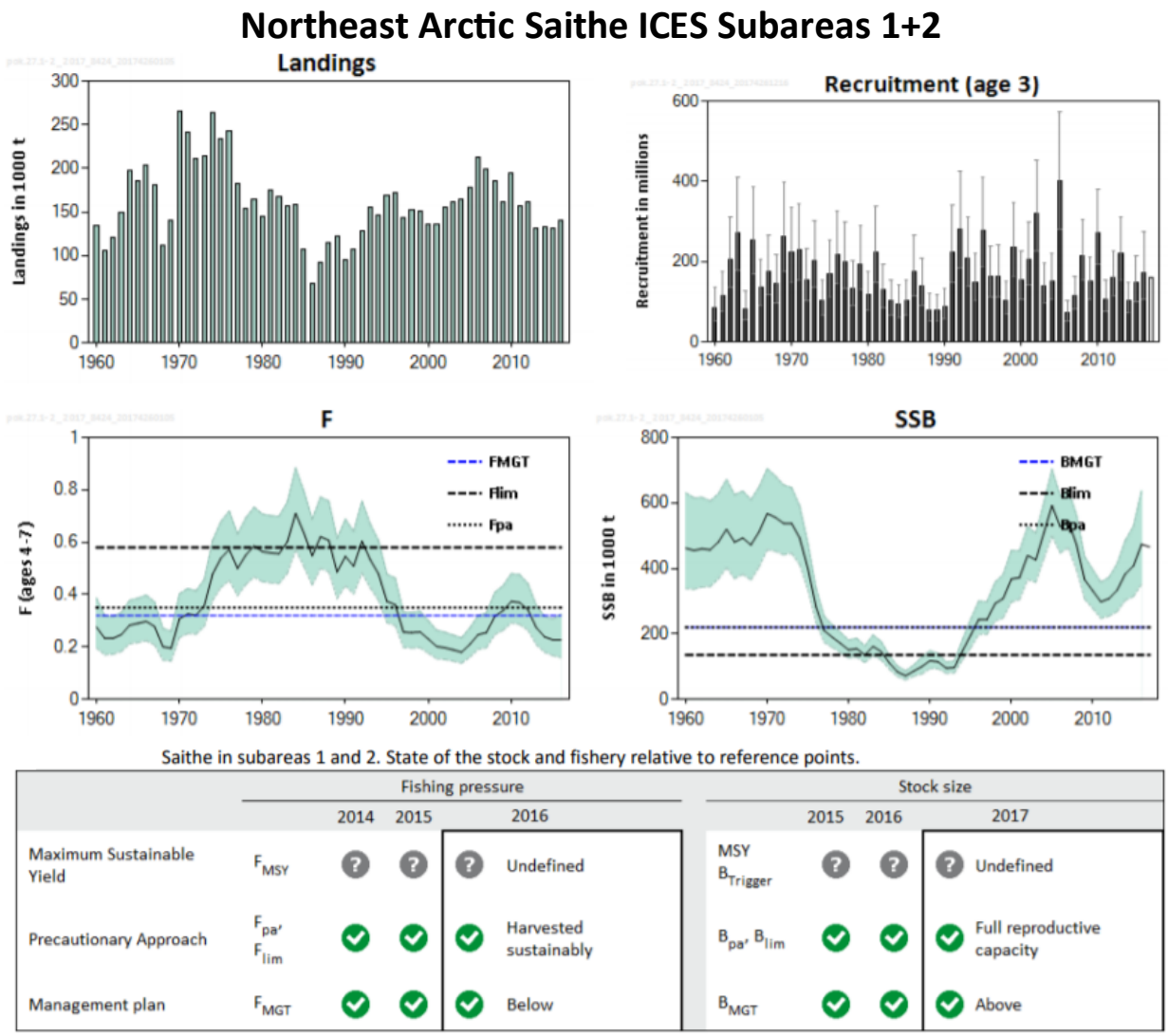


Figure 3: Northeast Arctic saithe. Stock development and stock status. Source: ICES (2017) NEA saithe advice Figure 1 and Table 1

close to the long-term geometric mean level since 2005.

3.3.5 Management and Management Plans

The stock is managed by Norway applying a management plan. This plan includes a Harvest Control Rule that is built on the precautionary reference points and includes provision for reducing the fishing mortality should the stock drop below B_{pa}. The Harvest Control rule contains the following elements:

- Estimate the average TAC level for the coming 3 years based on FMP = 0.32. TAC for the next year will be set to this level as a starting value for the 3-year period.
- The year after, the TAC calculation for the next 3 years is repeated based on the updated information about the stock development. However, the TAC should not be changed by more than +/− 15% compared with the previous year's TAC.
- If the spawning–stock biomass (SSB) in the beginning of the year for which the quota is set (first year of prediction), is below Bpa, the procedure for establishing TAC should be based on a fishing mortality that is linearly reduced from FMP at SSB = Bpa to 0 at SSB equal to zero. At SSB levels below Bpa in any of the operational years (current year and 3 years of prediction) there should be no limitations on the year-to-year variations in TAC.

The harvest control rule (HCR) was last evaluated by ICES in 2011 (ICES, 2011), with FMP = 0.35. The evaluation concluded that the HCR is precautionary. The FMP was lowered to the current value of 0.32 by Norwegian authorities in 2013. The inter-benchmark for this stock in 2014 did not result in significantly different estimates of stock dynamics and the former HCR evaluation is still considered valid.

3.4 Principle Two: Ecosystem Background

3.4.1 Retained species

According to data provided by the Directorate of Fisheries, the following species were landed in 2016 by the different gear types targeting NEA saithe. 2015 data was also provided and showed similar results both in species composition and in catch proportion.

Table 15: Landing records by the different UoC's in 2016

Catch 2016 (tonnes)	Danish seine	Danish seine % catch	Purse seine	Purse sein % catch	Hooks and lines	Hooks and lines % catch	Gillnets	Gillnet % catch	Demersal trawl	Demersal trawl % catch
Saithe	23.000	14,65	28.940	99,93	9.958	6,59	23.965	19,40	56.099	20,69
Cod	101.751	**64,80**	15	0,05	90.399	**59,84**	94.105	**76,18**	143.639	**52,99**
Haddock	32.105	**20,45**	6	0,02	47.114	**31,19**	3.873	3,14	64.004	**23,61**
Greenland Halibut	2	0,00	0	0	902	0,60	94	0,08	1.635	0,60
Tusk	14	0,01	0	0	1.801	1,19	241	0,20	58	0,02
Ling	75	0,05	0	0	457	0,30	890	0,72	288	0,11
Monkfish	11	0,01	0	0	11	0,01	93	0,08	4	0,00
Redfish	72	0,05	0	0	436	0,29	261	0,21	5.361	1,98
TOTAL	157.030	100	28.961	100	151.078	100	123.522	100	271.088	100

As shown above,Table 15 the purse seine fishery has a very clean catch where 99% of the catch is the targeted saithe. Minor retained species for the purse seine UoCs are cod and haddock. As regards all other UoCs, main retained species are cod and haddock (only cod for the gillnet UoC). Minor retained species are Greenland halibut, tusk, ling, monkfish and redfish. It is not possible to determine if the redfish refers to beaked redfish (Sebastes mentella), considered as a retained

species, or golden redfish (Sebastes marinus), considered also in the ETP section. On a precautionary approach, the team will consider both possibilities and assess both species.

ICES provides scientific advice for the following species:

- **Cod:**

The cod stock is classified as vulnerable by the IUCN red list. This list takes into account all cod populations in Northeast Atlantic waters, and may not reflect the reality of each one of these populations separately. ICES provides a different fishing advice for cod in offshore waters of the North East Atlantic region and for cod in Norwegian coastal waters.

ICES 2017 advice for cod in subareas I and II:

The spawning-stock biomass (SSB) has been above MSY Btrigger since 2002. The total stock biomass (TSB) reached a peak in 2013 and now shows a downward trend. Fishing mortality (F) was reduced from well above Flim in 1997 to below FMSY in 2008 and the most recent estimate is likely to be below FMSY. Discards are known to have taken place but cannot be quantified (assumed to be below 5% in recent years).

ICES advises that when the Joint Russian–Norwegian Fisheries Commission management plan is applied, catches in 2018 should be no more than 712 000 tonnes. Bycatch of coastal cod should be kept as low as possible.

Figure 4: Stock size (Spawning stock biomass) for cod in oceanic waters. (Source: ICES 2017 advice for oceanic cod in subareas I and II)

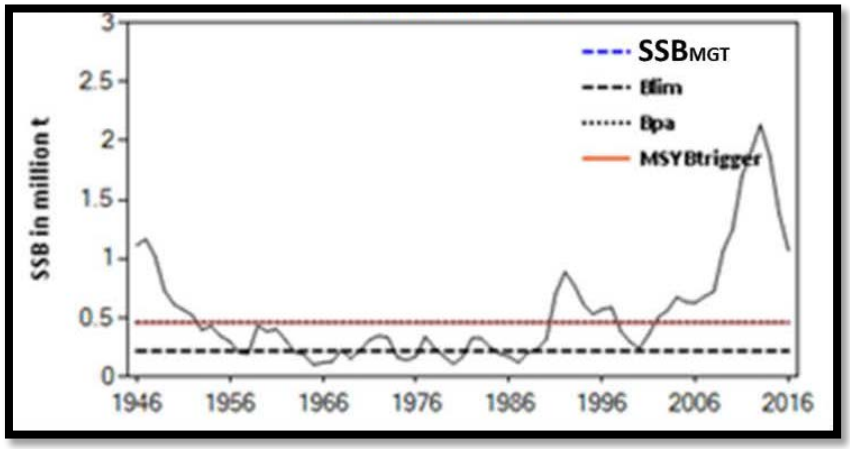


Figure 5: Fishing pressure (F) for cod in oceanic waters. (Source: ICES 2017 advice for oceanic cod in subareas I and II)

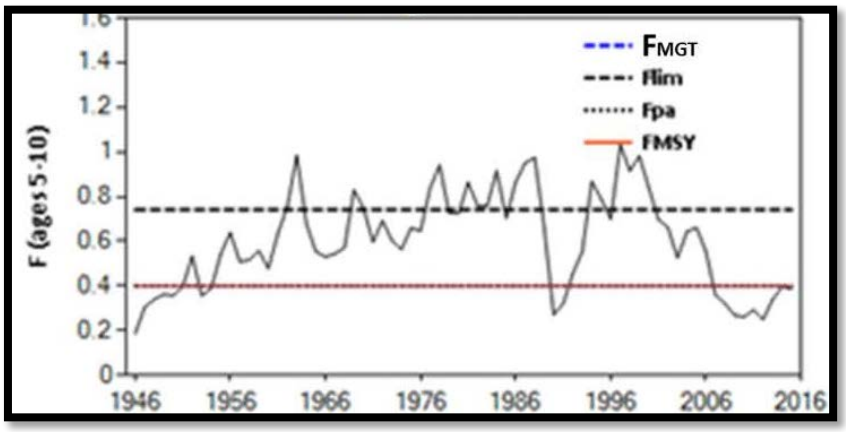


Table 16: State of the oceanic cod stock and fishery relative to reference points (Source: ICES 2017 advice for oceanic cod in subareas I and II)

		Fishing pressure			Stock size		
		2013	2014	2015	2014	2015	2016
Maximum sustainable yield	F_{MSY}	✓	✓	✓ Appropriate	MSY $B_{trigger}$	✓	✓ ✓ Above trigger
Precautionary approach	F_{pa}, F_{lim}	✓	✓	✓ Harvested sustainably	B_{pa}, B_{lim}	✓	✓ ✓ Full reproductive capacity
Management plan	F_{MGT}	✓	✓	✓ Below	SSB_{MGT}	✓	✓ ✓ Above

ICES 2016 advice for coastal cod in subareas I and II (Norwegian coastal waters):

The survey estimate in 2015 is close to the lowest value in the time-series and well below the rebuilding biomass set in the Norwegian Rebuilding Plan. Recruitment has been stable overall in the last decade. Fishing pressure (F) appears variable without a clear trend since 2000. The aim of the Norwegian coastal cod rebuilding plan is "to rebuild the stock complex to full reproductive capacity, as well as to give sufficient protection to local stock components. Until a biologically founded rebuilding target is defined, the stock complex will only be regarded as restored when the survey index of spawning stock in two successive years is observed to be above 60 000 tons". Estimated catches in the recreational fishery represented about 35% of the total catch in 2009. However, total catches from the recreational fisheries have not been monitored since 2009. The assumption of constant removals from the recreational fisheries does not influence the information on the state of the stock but may influence the effectiveness of management actions.

Figure 6 Stock size: Spawning stock biomass of coastal cod in Norwegian coastal waters. (Source: ICES 2016 advice for coastal cod in subareas I and II (Norwegian coastal waters)).

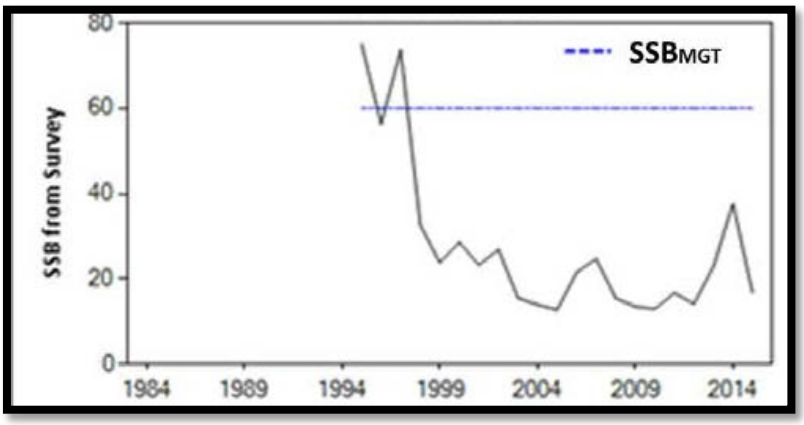


Figure 7 Fishing pressure for coastal cod in Norwegian coastal waters. (Source: ICES 2016 advice for coastal cod in subareas I and II (Norwegian coastal waters))

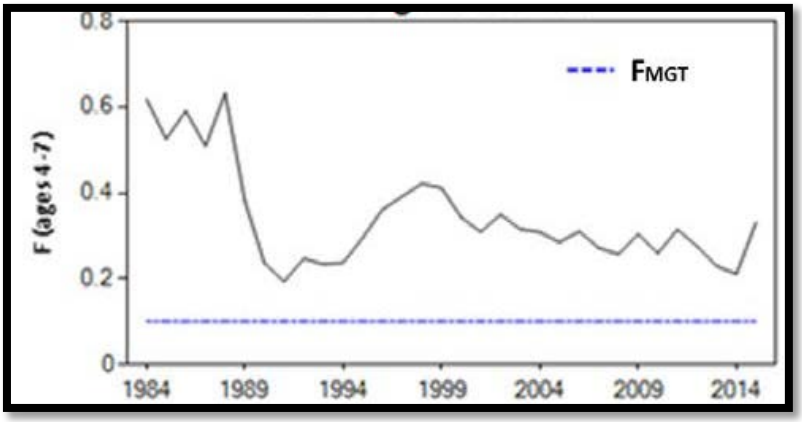


Table 17: State of the coastal cod stock and fishery relative to reference points. (Source: ICES 2017 advice for coastal cod in subareas I and II (Norwegian coastal waters))

	Fishing pressure					Stock size				
		2014	2015	2016			2014	2015	2016	
Maximum Sustainable Yield	F_{MSY}	?	?	?	Undefined	MSY $B_{Trigger}$	?	?	?	Undefined
Precautionary Approach	F_{pa}, F_{lim}	?	?	?	Undefined	B_{pa}, B_{lim}	?	?	?	Undefined
Management plan	F_{MGT}	?	?	?	Undefined	B_{MGT}	✗	✗	✗	Below
Qualitative evaluation	-	↘	↗	↗	Increasing	-	✗	✗	✗	Below possible reference points

The Norwegian Rebuilding Plan for coastal cod states de following (as from ICES 2017 advice): "*The overarching aim is to rebuild the stock complex to full reproductive capacity, as well as to give sufficient protection to local stock components. Until a biologically founded rebuilding target is defined, the stock complex will only be regarded as restored when the survey index of spawning stock in two successive years is observed to be above 60 000 tons*. Importantly, this rebuilding target will be redefined on the basis of relevant scientific information. Such information could, for instance, include a reliable stock assessment, as well as an estimate of the spawning stock corresponding to full reproductive capacity.*

*Given that the survey index for SSB does not increase, the regulations will aim to reduce F** by at least 15 per cent annually compared to the F estimated for 2009. If, however, the latest survey index of SSB is higher than the preceding one – or if the estimated F for the latest catch year is less than 0.1 – the regulations will be unchanged.*

Special regulatory measures for local stock components will be viewed in the context of scientific advice. A system with stricter regulations inside fjords than outside fjords is currently in operation, and this particular system is likely to be continued in the future.

The management regime employed is aiming for improved ecosystem monitoring in order to understand and possibly enhance the survival of coastal cod. Potential predators are – among others – cormorants, seals and saithe.

When the rebuilding target is reached, a thorough management plan is essential. In this regard, the aim will be to keep full reproductive capacity and high long-term yield."

- **Haddock:**

According to ICES 2017 advice for haddock in subareas I and II, the spawning-stock biomass (SSB) has been above MSY Btrigger since 1989, increasing since 2000, and reaching the series maximum in 2015. However, the SSB in 2017 is declining. Fishing mortality (F) has been below FMSY since 2008. Recruitment-at-age 3 in 2016 was slightly below average. ICES advises that when the Joint Russian–Norwegian Fisheries Commission management plan is applied, catches in 2018 should be no more than 202 305 tonnes.

Figure 8 Stock size: Spawning haddock stock biomass. (Source: ICES 2017 advice for haddock in sub-areas I and II)

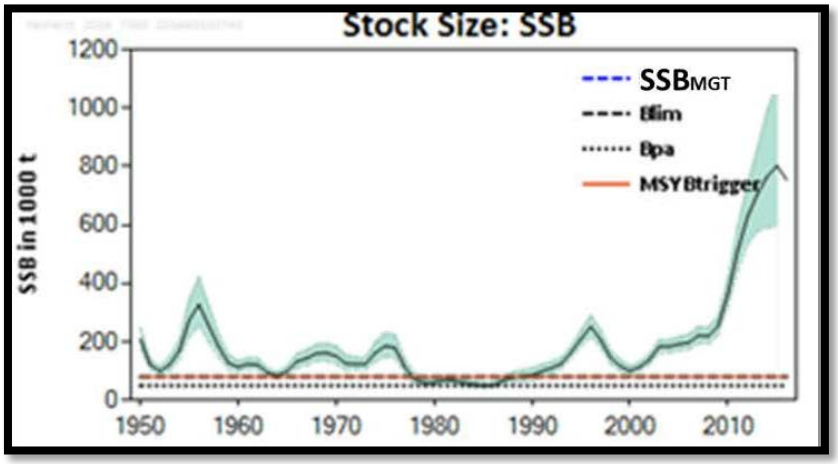


Figure 9 **Fishing pressure for haddock in subareas I and II. (Source: ICES 2017 advice for haddock in subareas I and II)**

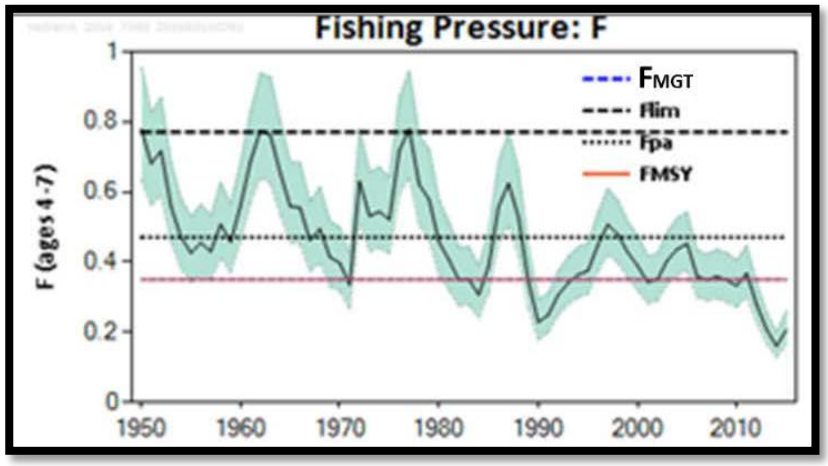


Table 18: State of the stock and fishery relative to reference points. (Source: ICES 2017 advice for haddock in subareas I and II)

		Fishing pressure					Stock size				
		2014	2015	2016				2015	2016	2017	
Maximum Sustainable Yield	F_{MSY}	✓	✓	✓	Below		MSY $B_{Trigger}$	✓	✓	✓	Above trigger
Precautionary Approach	F_{pa}, F_{lim}	✓	✓	✓	Harvested sustainably		B_{pa}, B_{lim}	✓	✓	✓	Full reproductive capacity
Management plan	F_{MGT}	✓	✓	✓	Below		B_{MGT}	✓	✓	✓	Above

- **Greenland halibut:**

The fishable biomass (length ≥45 cm) has increased from 1992 to 2013, and has been stable since then. The harvest rate has been relatively stable since 1992 but has been increasing since a low value in 2009. ICES 2017 advice for Greenland halibut in subareas I and II states that when the precautionary approach is applied, catches should be no more than 23000 tonnes in each of the years 2018 and 2019. All catches are assumed to be landed. There are no reference points for the stock.

Figure 10: **Fishable biomass (thousand tonnes), above Bpa. (ICES 2917 advice)**

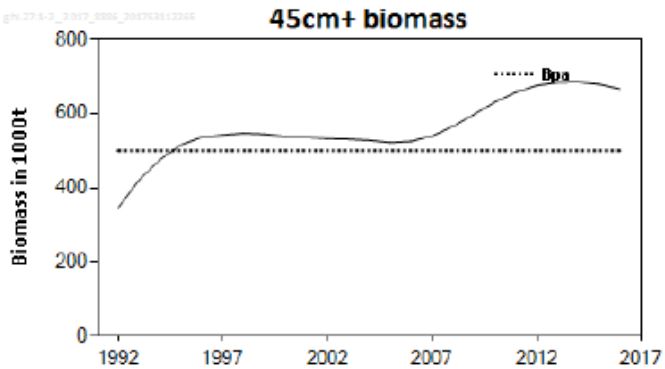


Table 19: State of the Greenland halibut stock and fishery relative to reference points. (Source: ICES 2017 advice for Greenland halibut in subareas I and II)

		Fishing pressure					Stock size				
		2014	2015	2016				2015	2016	2017	
Maximum sustainable yield	F_{MSY}	?	?	?	Undefined		MSY $B_{trigger}$	?	?	?	Undefined
Precautionary approach	F_{pa},F_{lim}	?	?	?	Undefined		B_{pa},B_{lim}	✓	✓	✓	Undefined
Management plan	F_{MGT}	–	–	–	Not applicable		B_{MGT}	–	–	–	Not applicable

- **Tusk:**

According to ICES 2017 advice for tusk in subareas 1 and 2, the longline fishery is responsible for 90% of the landings. A standardized CPUE (Catch per Unit Effort) based on data from the Norwegian longline fleet shows a positive trend from 2004. Since 2013 there has been an increase in landings. Discarding is considered negligible.

There are no defined reference points for the stock. ICES advises that when the precautionary approach is applied, catches should be no more than 10 451 tonnes in each of the years 2018 and 2019.

Table 20: State of the tusk stock and fishery relative to reference points. (Source: ICES 2017 advice for tusk in subareas I and II)

		Fishing pressure					Stock size				
		2014	2015	2016				2014	2015	2016	
Maximum sustainable yield	F_{MSY}	?	?	?	Undefined		MSY $B_{trigger}$	?	?	?	Undefined
Precautionary approach	F_{pa},F_{lim}	?	?	?	Undefined		B_{pa},B_{lim}	?	?	?	Undefined
Management plan	F_{MGT}	–	–	–	Not applicable		B_{MGT}	–	–	–	Not applicable
Qualitative evaluation	-	?	?	?	Unknown		-	↗	↗	→	Stable

- **Ling:**

According to ICES 2017 advice for ling (*Molva molva*) in subareas 1 and 2, when the precautionary approach is applied, catches should be no more than 13 103 tonnes in each of the years 2018 and 2019. Landings have been relatively stable and discarding is considered negligible. The CPUE index (Catch per unit effort) is based on data from the Norwegian longline fleet, and shows a positive trend from 2004 to present.

Figure 11: Estimates of cpue (kg per 1000 hooks), based on official logbooks from the Norwegian longline fishery in Division 2.a. The horizontal line indicates the average cpue index of the respective year range used to calculate the advice.

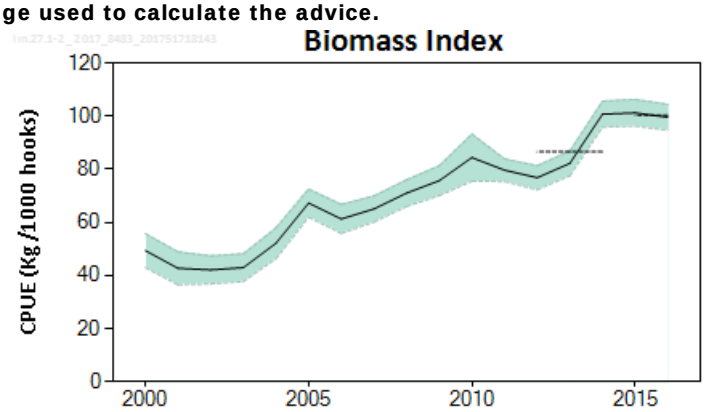
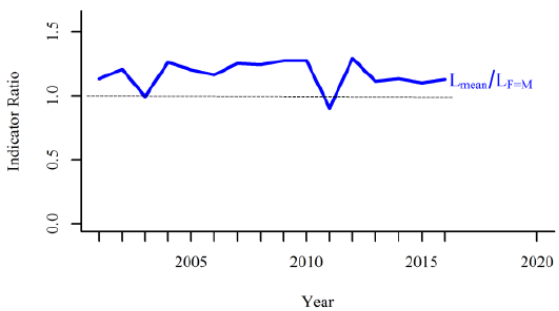


Table 21: State of the stock and fishery relative to reference points. The status evaluation is based on the reference point proxy for FMSY using the length-based indicator model (ICES, 2017).

		Fishing pressure					Stock size				
		2014	2015	2016				2014	2015	2016	
Maximum sustainable yield	F_{MSY} proxy	✓	✓	✓	Below		MSY $B_{trigger}$	?	?	?	Undefined
Precautionary approach	F_{pa},F_{lim}	✓	✓	✓	Below possible reference points		B_{pa},B_{lim}	?	?	?	Undefined
Management plan	F_{MGT}	—	—	—	Not applicable		B_{MGT}	—	—	—	Not applicable
Qualitative evaluation	-	—	—	—	Not applicable		-	↗	→	→	Stable

Figure 12: Index ratio Lmean/LF = M from the length-based indicator method used for the evaluation of the exploitation status. The exploitation status is below the FMSY proxy when the index ratio value is higher than 1 (as for the ling stock).



The stock size relative to candidate reference points is unknown. The precautionary buffer was applied for the revised 2012 advice. As the stock indicator has increased over several years and fishing pressure is below FMSY proxy, the precautionary buffer was not applied this year. For the past years catches have been following ICES advice. Discarding is considered to be negligible. The longline fleet is responsible for 50% of the landings, the gillnet fleet of the 45% of the landings, and the resting 4% accounts for landings from trawlers.

- **Anglerfish / Monkfish:**

There is no ICES advice for anglerfish in subareas I and II nor a general advice for Northeast Atlantic waters. Information from IMR reveal that the Norwegian catches are almost exclusively white-bellied anglerfish (*Lophius piscatorius*), while only a few certain observations are made of the black-bellied anglerfish (*L. budegassa*).

ICES distinguish two different stocks of anglerfish, a southern stock including Portuguese, Spanish, French and some of the Irish waters, and one stock in the areas west of Scotland, the North Sea and Skagerrak. The anglerfish north of 62° N is probably more or less connected to the North Sea stock, but for the time being it is regarded as a separate stock.

Recent tagging experiments have shown that anglerfish are capable of performing extensive migrations, but the dynamics of spawning- and feeding migrations are still not well understood for this species. Some of the tagged individuals have migrated from the North Sea to Faroese, Icelandic and northern Norwegian waters. Some anglerfish tagged just north of 62°N have been recaptured in the North Sea and in northern Norway, but the majority of the recaptures are made close to the areas of release.

Since 2001 the Norwegian fisheries have expanded northwards, and the areas north of 64° N are now accounting for more than 50% of the Norwegian catch. This suggests that anglerfish has a more northerly distribution along the Norwegian coast than previously seen, which could be explained as a result of higher sea temperatures since these areas represent the northern boundaries of the distribution of this species.

- **Beaked redfish (*Sebastes mentella*):**

ICES 2017 advice states that when the precautionary approach is applied catches should be no more than 32658 tonnes in 2018. Spawning–stock biomass (SSB) increased steadily from 1992 to 2005 and stabilized thereafter. Following a period of low recruitment in 1998–2005, strong year classes have become evident from 2006. Since 1997 fishing mortality has been at a relatively low level and has been increasing in the last four years. All catches are assumed to be landed.

There are no reference points for the stock. There isn't either any international agreement on the sharing of TAC among countries and between national and international waters, and it is anticipated that the sum of the catches allocated to individual nations will exceed the recommended TAC. The measures currently in place to protect juveniles should be maintained.

Figure 13: SSB trend. ICES 2017 advice.

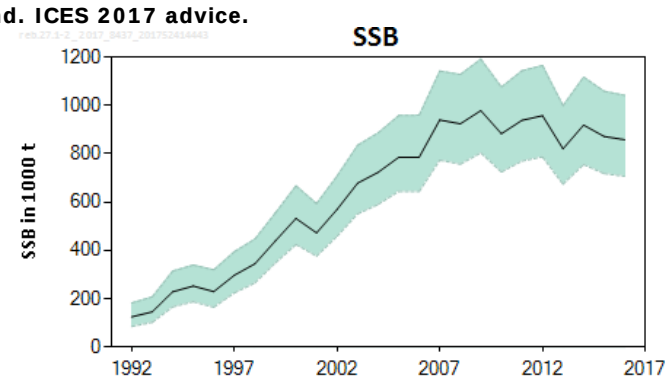


Figure 14 Trend of fishing mortality.

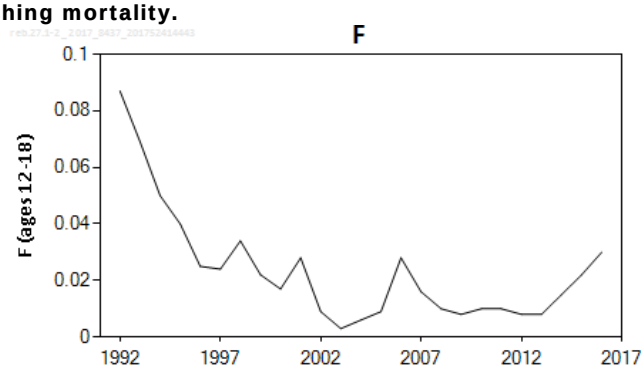


Table 22: State of the stock and fishery relative to reference points.

		Fishing pressure				Stock size				
		2014	2015	2016			2014	2015	2016	
Maximum sustainable yield	F_{MSY}	?	?	?	Undefined	MSY $B_{trigger}$	?	?	?	Undefined
Precautionary approach	F_{pa},F_{lim}	?	?	?	Undefined	B_{pa},B_{lim}	?	?	?	Undefined
Management plan	F_{MGT}	–	–	–	Not applicable	B_{MGT}	–	–	–	Not applicable
Qualitative evaluation	-	↗	↗	↗	Increasing	Quallitative evaluation	→	→	→	Stable

3.4.2 Bycatch species

Since the implementation of the landing obligation in Norway in 1987, discarding is not permitted. In practice this means that all commercial species are landed and recorded on sales slips, but non-commercial species and small individuals of commercial species may still be discarded. Besides, Regulation J-250-2013, protecting basking sharks, spurdogs, porbeagles and silky sharks, obliges to the discarding of certain shark species as long as they are alive, in order to minimise their mortality. Unfortunately, there are no records by the commercial fleet about the identification or number of individuals released every year, so it is not possible to measure trends of these interactions. Non-fatal interactions with marine mammals or birds are not recorded either.

There is no formal observer programme, so there are no direct observations on the level of discarding or the species composition of discards from the Norwegian fleet. However, there is information available regarding the expected catch composition of the different fishing gears thanks to the research undertaken by the IMR reference fleet. Crew members in the reference fleet vessels record all interactions, including those with released individuals.

The data gathered through the reference fleet is sufficient to estimate which could be the main and minor bycatch species in the Norwegian North Sea demersal fisheries. Data collected in 2016 shows that there are no main bycatch species to consider for any UoC. Generally speaking, the proportion of minor species in the catch was very low, with the exception of skates, rays and sharks in the longline and gillnet fisheries, were the proportion could reach the 4% of the catch.

Minor bycatch species present in the catch composition of the reference fleet North of 62ºNorth are:

- For the 5 vessels in the Danish seine reference fleet: 1 Thornback skate (*Raja clavata*), 1 spotted ray (*Raja montagui*), 315 tonnes coastal cod, 4 starry ray (*Amblyraja radiata*).

- For the 3 vessels in the purse seine reference fleet there are no bycatch species.
- For the 10 vessels in the hooks and lines reference fleet: 838 starry ray (*Amblyraja radiata*), 58 spinetail (*Bathyraja spinicauda*), 736 velvet belly (*Etmopterus spinax*), 370 blackmouth dogfish (*Galeus melastomus*), 9 European herring gull (*Larus argentatus*), 2 great blackbacked gull (*Larus marinus*), 112 round ray (*Raja fyllae*), 19 Arctic skate (*Amblyraja hyperborea*), 2 sail ray (*Rajella lintea*), 300 unidentified skates, 1 small spotted catfish.

- For the 26 vessels in the gillnet reference fleet (21 coastal vessels and 5 offshore vessels): Bycatch interactions: 49 harbour porpoise *(Phocoena phocoena*), 7 starry skate (*Amblyraja radiata*), 2 European herring gull (*Larus argentatus*), 31 Northern gannet (Morus bassanus), 1 Black guillemot (*Cepphus grille*), 2 tope shark (*Galeorhinus galeus*), 2 spinetail (*Bathyraja spinicauda*), 7 grey seal (***Halichoerus grypus***), 8 sail ray (Rajella lintea), 1100 blackmouth dogfish (*Galeus melastomus*), 2 Greenland shark (Somniosus microcephalus), 516 starry ray (*Amblyraja radiata*), 426 thornback skate (*Raja clavata*), 307 sandy ray (*Leucoraja circularis*), 2 cormorants (*Phalacrocoracidae spp*.), 217 small spotted catfish (*Scyliorhinus canicula*), 148 longnosed skate (*Dipturus oxyrinchus*), 16 common harbour seal (***Phoca vitulina***), 300 velvet belly (*Etmopterus spinax*), 4 eider ducks, 15 tonnes of golden redfish (*Sebastes marinus*) and 1300 tonnes of cod which was taken by the coastal gillnet reference fleet (vs 94000 tonnes landed by the gillnet UoC, which includes both inshore and offshore vessels).

- For the 5 vessels in the trawling reference fleet: 26 skates (unidentified).

There is limited information on the status or populations of all minor bycatch species, although certain research is undertaken and published by ICES. Due to the high number of minor bycatch species, the low proportion of each of them, and the limited information regarding their stock status, minor bycatch species have been grouped to facilitate their evaluation.

3.4.3 Endangered, threatened or protected species

Expected ETP species would include birds, sharks and marine mammals present in the area. According to MSC CR v1.3, the team shall define ETP species to consider either as those recognised by national ETP legislation or by international binding agreements to which Norway is a signatory country, such as CITES (Convention on International Trade in Endangered Species) and the Bonn Convention (Convention on the Conservation of Migratory Species of Wild Animals). There is also a Norwegian red list of endangered species which demands the protection of these species in the Norwegian territory. The Norwegian Marine Resources Act, through the precautionary approach principle, ensure that management action is taken to avoid redlisting of species. Besides, Norwegian Regulation J-250-2013 specifically protects basking sharks, spurdogs, portbeagle and silky sharks. The OSPAR list of threatened species in the Norwegian Sea and the IUCN Status are also consulted as a guidance of the status of the different species, although species in these lists do not necessarily fulfil the MSC requirements to be considered ETP species.

Boxes in bold highlight the reason for the species to be classified as ETP. The IUCN status is also given as a reference of the status of the mentioned stocks.

Table 23: ETP species present in the area.

ETP species	CITES Appendix I	Bonn Convention	Norwegian red list	OSPAR Region I	IUCN red list
Basking shark (Cetorhinus maximus)	No	**Yes (Annex I and II)**	**Endangered**	Yes	Endangered
Black-legged kittiwake (Rissa tridactyla)	No	No	**Endangered**	Yes	Least Concern
Blue whale (*Balaenoptera musculus*)	Yes	**Yes (Annex I)**	**Vulnerable**	Yes	Endangered
Bowhead whale (*Balaena mysticetus*)	Yes	**Yes (Annex I)**	**Critically Endangered**	Yes	Least Concern
Brunnich's guillemot (Uria lomvia)	No	No	**Yes**	Yes	Least Concern
Common guillemot (Uria aalge)	No	No	**Critically Endangered**	No	Least Concern
Common skate (Dipturus batis)	No	No	**Critically Endangered**	Yes	Critically Endangered
European eel (Anguilla Anguilla)	No	**Yes (Annex II)**	VU	Yes	Critically Endangered
Fin whale (Balaenoptera physalus)	Yes	**Yes (Annex I)**	Least Concern	N/A	Endangered
Fulmar (Fulmarus glacialis)	No	No	**Endangered**	No	Least Concern
Golden redfish (Sebastes marinus)	No	No	**Endangered**	N/A	N/A
Gray whale (*Eschrichtius robustus*)	**Yes**	No	N/A	N/A	Least Concern
Humpback whale (*Megaptera novaeangliae*)	**Yes**	**Yes (Annex I)**	Least Concern	N/A	Least Concern
Ivory gull (*Pagophila ebúrnea*)	No	No	**Yes**	Yes	Near threatened
Minke whale (Balaenoptera acutorostrata)	**Yes**	No	Least Concern	N/A	Least Concern
North Atlantic right whale (*Eubalaena glacialis*)	**Yes**	**Yes (Annex I)**	Regionally Extinct	Yes	Endangered
Northern bottlenose whale (*Hyperoodon ampullatus*)	**Yes**	**Yes (Annex II)**	Least Concern	N/A	Data Deficient
Porbeagle (Lamna nasus)	No	**Yes (Annex II)**	**Vulnerable**	Yes	Vulnerable
Puffin (Fratercula arctica)	No	No	**Vulnerable**	No	Vulnerable
Razorbill (Alca torda)	No	No	**Endangered**	No	Near Threatened
Silky shark (Carcharhinus falciformis)	No	**Yes (Annex II)**	N/A	No	Near Threatened
Sperm whale (Physeter microcephalus)	Yes	**Yes (Annex I)**	N/A	N/A	Vulnerable
Spurdog (*Squalus acanthias*)	No	**Yes (Annex II)**	**Endangered**	Yes	Vulnerable

Species in bold are specifically protected by Norwegian Regulation J-250-2013. Source: DNV-GL

Direct interactions would be those caused by the gear getting in touch with the animal. This may result in casualties or injuries for the individual and damage for the nets. Landing records show no reports of interactions or landings of ETP species. As regards indirect effects, these would be those related to biomass removal by the fishery, affecting prey availability for ETP species.

ETP populations such as marine mammals are monitored by different programs through population estimates.

Marine mammal abundance is estimated through counting surveys by NAMMCO. The NAMMCO NASS 2015 surveys cover the Northern part of the North Atlantic. These surveys include areal sightings and vessel observations. Marine mammals present in the Barents Sea are listed in the NAMMCO website (North Atlantic Marine Mammal Commission).

Monitoring of seabirds is carried out through monitoring of the breeding success of birds. Information on birds present in the Barents Sea can be found at the Barents portal website. As regards the Norwegian Sea, according to ICES 2017 Ecosystem overview on the Norwegian Sea, the total number of seabirds breeding in the Norwegian parts of the Norwegian Sea was recently estimated at 1 270 000 pairs, of which 870 000 pairs of 20 species were breeding along the mainland coast and 400 000 pairs of 15 species were on Jan Mayen. Most populations have decreased steeply over the last decade and many have decreased almost constantly since monitoring started three to five decades ago. No single factor explains all these trends; however, long-term breeding failures for species feeding in pelagic waters such as Atlantic puffin *Fratercula arctica*, black-legged kittiwake *Rissa* tridactyla, common guillemot *Uria aalge*, and Northern fulmar *Fulmarus glacialis* indicate that much of the problem along the mainland coast is related to drastic changes in the availability of 0-group fish (especially herring), and also linked to variations in ocean climate.

For 2016, the IMR reference fleet north 62ºN, had interactions with the following ETP species:

- For the 5 vessels in the Danish seine reference fleet there were interactions with 1 spurdog (*Squalus acanthias*) and 0.2 tonnes of golden redfish (*Sebastes marinus*).
- For the 3 vessels in the purse seine reference fleet there were no interactions with any ETP species.
- For the 10 vessels in the hooks and lines reference fleet there were interactions with 1 portbeagle (*Lamna nasus*), 38 spurdogs (*Squalus acanthias*), 6 common skates (*dipturus batis*), 25 fulmars (*Fulmarus glacialis*) and 110 tonnes of golden redfish (*Sebastes marinus*).
- For the 21 coastal gillnets and 5 offshore gillnets in the reference fleet there were interactions with 14 porbeagles (*Lamna nasus*), 2250 spurdogs (*Squalus acanthias*), 1 *Raja batis*, 2 puffins (*Fratercula arctica*), 9 razorbill (*Alca torda*), 14 fulmars (*Fulmarus glacialis*), 1 black-legged kittiwake, 31 common guillemot (*Uria aalge*) and 15 tonnes of golden redfish (*Sebastes marinus*)
- For the 5 demersal trawlers in the reference fleet there were interactions with 250 tonnes of golden redfish (*Sebastes marinus*).

As reported on recorded landings (see Table 15) fatal interactions with ETP species were limited to catches of redfish taken by Danish seines, hooks and lines, gillnets and demersal trawlers. It is not possible to determine of those redfish individuals were beaked redfish or golden redfish. The stock of Golden redfish is protected by the Norwegian red list, as its status in the ICES areas I and II is weak.

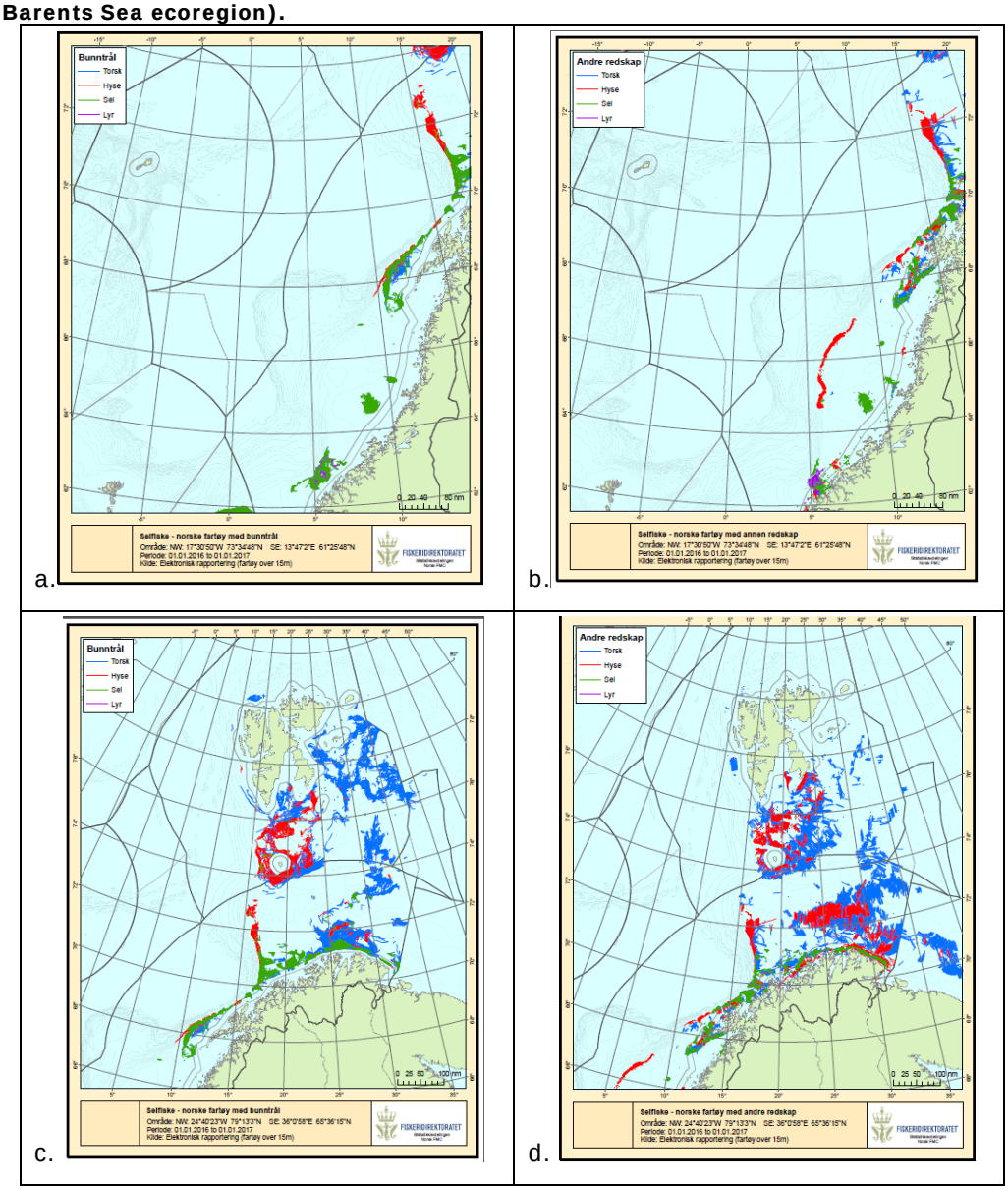
Certain gear types have implemented mitigation devices to avoid interactions with ETP species, although these are not mandatory in the Norwegian fleet. The coastal gillnet fleet has pingers to prevent interactions with seals and other marine mammals while longlines have streamers and rotating hooks to prevent interactions with seabirds.

As regards the collection of information of interactions with ETP species, electronic logbooks have a dedicated box to record any interaction with such species, although records so far just show either negligible interactions or no recordings of such.

3.4.4 Habitats

According to the VMS maps provided by the Directorate of Fisheries, the NEA saithe fishery is very coastal, and takes place all along the Norwegian coast, with different gears that impact the seafloor in different manners. Figure 15 below shows the fishing grounds of the NEA saithe fishery.

Figure 15: 2016 VMS maps for the different gear types targeting NEA saithe (in green) in the different regions (A. Demersal trawlers in the Norwegian Sea ecoregion; B. Other gear types in the Norwegian Sea ecoregion; C. Demersal trawlers in the Barents Sea ecoregion; D. Other gear types in the Barents Sea ecoregion).



The substrates within the coastal Norwegian EEZ have been mapped by the MAREANO project. The mapping is confined mostly to the Norwegian continental shelf and slope. The majority of the shelf,

both in the Norwegian Sea and the Barents Sea, where the NEA saithe fishery takes place, consists of fine muds and sandy muds, with some coarser sediments on the shelf slope (see Figure 16 and Figure 17 below).

Figure 16: Major substrates in the Norwegian Sea ecoregion (compiled by EMODNET seabed habitats; www.emodnet-seabedhabitats.eu).

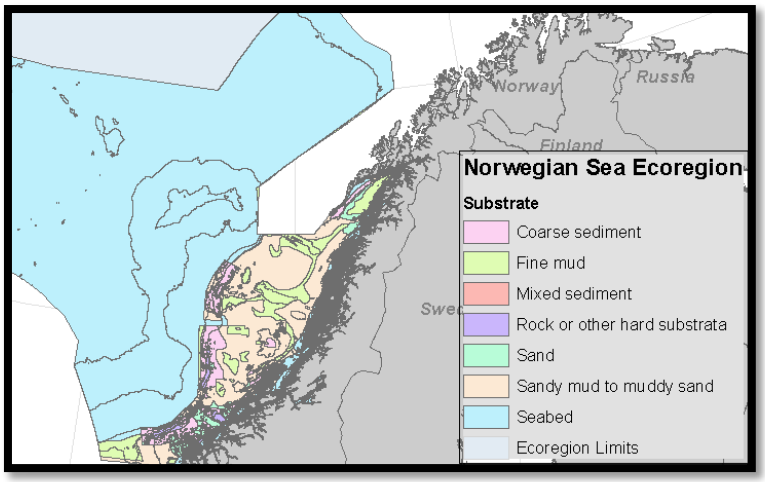
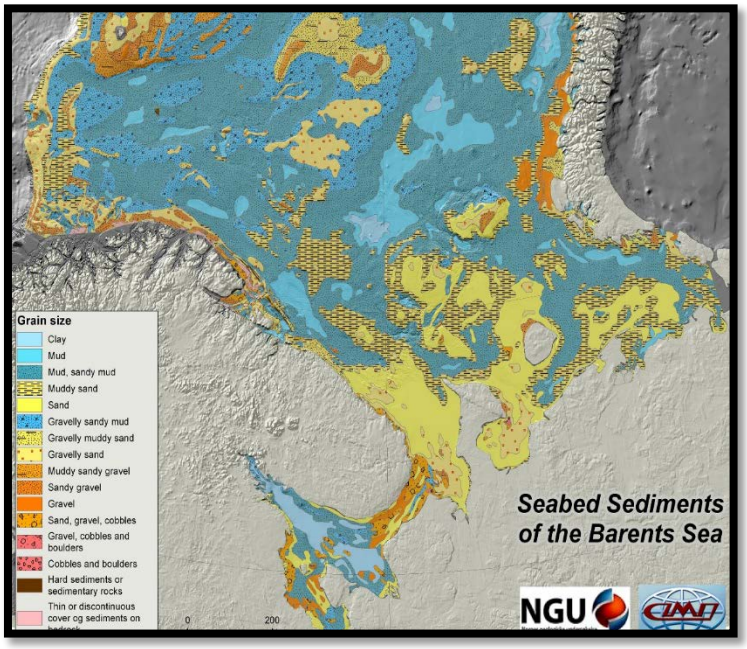


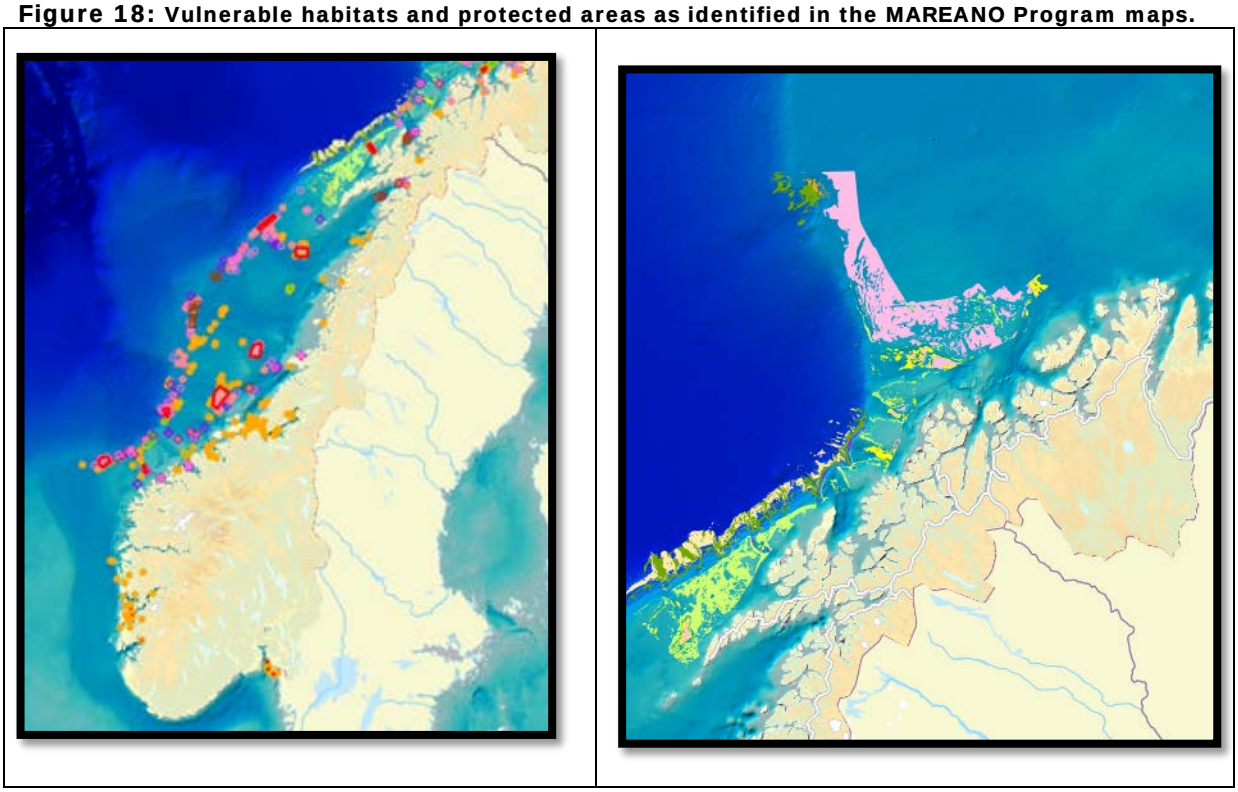
Figure 17: Seabed sediments of the Barents Sea. Source: Lepland Aivo, Rybalko Aleksandr & Lepland Aave, 2014. Seabed Sediments of the Barents Sea. Geological Survey of Norway (Trondheim) and SEVMORGEO (St. Petersburg).

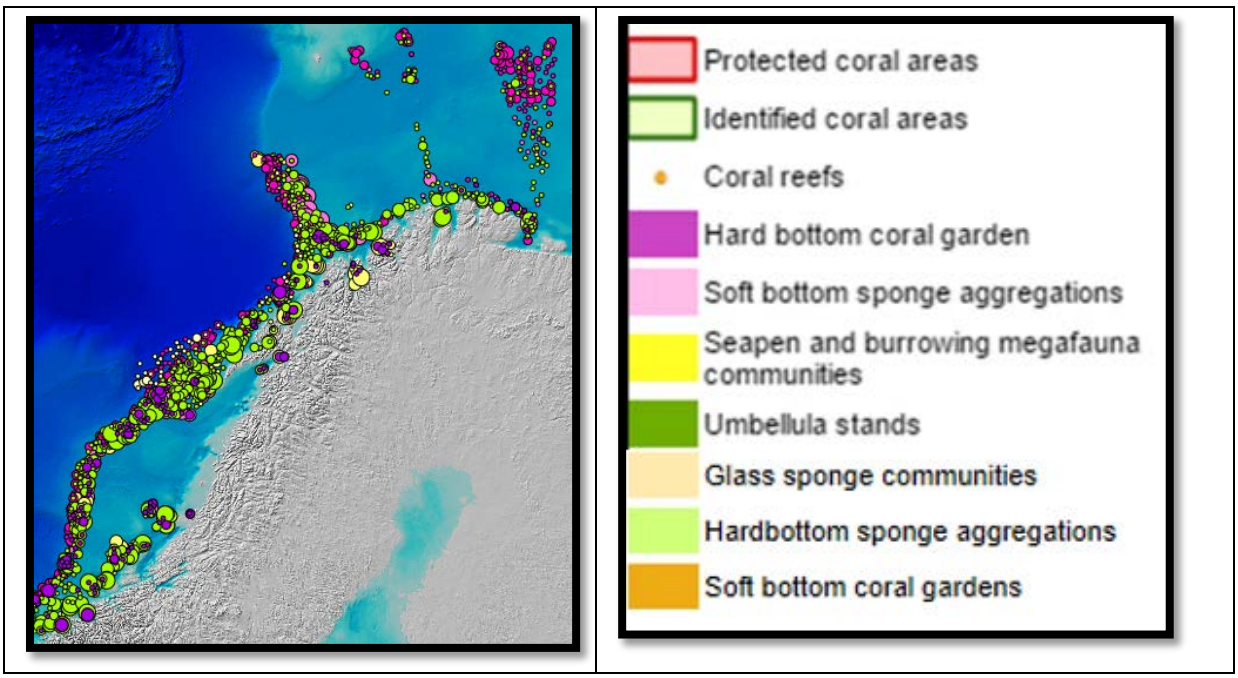


The MAREANO program is a comprehensive research program which aims to map Norwegian EEZ seafloor. The program was first launched in 2005 and since then has increased the area covered year by year. Much information about vulnerable habitat types can be found on its website. So far the program has focused on mapping the seabed along the coast of Norwegian Mainland (where most of the saithe NEA fishery takes place). The identification of certain vulnerable habitats such as coral reefs in the mainland coastline led in 2016 to the establishment of Regulation J-48-2016, ratified in order to protect coral reefs from degradation as a result of fishing activity, and which designates different areas for the protection of benthic habitats.

Figure 18 below shows the location of coral reefs (orange), soft sponge aggregations (pink), seapens (yellow) and other vulnerable habitats. There is however still limited information as regards deep-water areas. Red boxes below shows protected areas, intended for the protection of corals. The Directorate of Fisheries also offers maps of protected areas, but most of these areas are located in coastal areas within the fjords (https://kart.fiskeridir.no/fiskeri).

Figure 18: Vulnerable habitats and protected areas as identified in the MAREANO Program maps.





Source: www.mareano.no

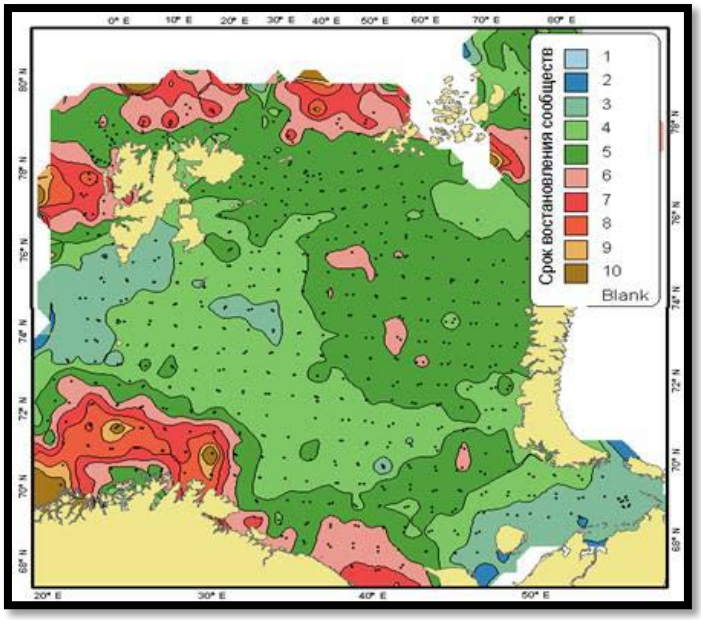
Besides, in the Barents Sea ecoregion, there is an established collaboration between research institutions such as IMR and PINRO (Knipovich Polar Research Institute of Marine Fisheries and Oceanography). First investigations on Barents Sea benthic species were made more than 200 years ago (Jakobsen T., Ozhigin V., 2011). Since then, both PINRO and IMR have undertaken research in the Barents Sea through different means. Since 2003, both institutions participate in an annual Joint Russian-Norwegian ecosystem survey using five research vessels and bottom trawlers. These surveys serve to gather information regarding the abundance of different fish species but also information on hydrographic conditions, endangered species or planktonic or benthic species.
Jakobsen and Ozhigin (2011) agree that large aggregations of sponges (e.g. Geodia spp.) can be found along the continental slope from Tromsøflaket while porifera appears to dominate the communities in terms of biomass north of the Finnmark coast.

According to Kaiser et al. (2006), bottom trawling does not irreversibly affect soft bottoms such as sandy and muddy grounds. However, there is still a clear and negative relation between fisheries-intensity and density of mega benthos (Jakobsen T., Ozhigin V., 2011). Jørgensen et al. (2015) studied data collected in 2011 by bottom trawlers to assess the vulnerability of benthic species in the Barents Sea to trawling, based on the risk of being caught or damaged by a bottom trawl. Besides, other authors have tried to estimate the recovery time for different species after trawling (Buhl-Mortensen et al., 2015). Benthic infauna communities might take at least 18 months to recover (Tuck et al. 1998). Macrobenthic invertebrates (molluscs, crustaceans, annelids and echinoderms) may take 1-3 years to recover (Desprez, 2000). Large sessile fauna takes from years to decades to recover. Indirect evidence (Pitcher 2000, and Sainsbury et al. 1997) suggests that large sponges probably take more than 15 years to recover.

However, some regions have already been trawled for more than a century, which has led to a loss of biodiversity in the modified areas where vulnerable species are less abundant. Trawling impacts have also been accompanied by natural spatial and temporal variations in water temperature and ocean currents. Full recovery of vulnerable species in those habitats is not expected to take place in a short-time frame, but avoiding future damage in unexplored areas should be easier to control.

In any case, trawl-modified habitats continue to offer nutrients for ecosystem needs, regardless showing lower biodiversity.

Figure 19: Map of the minimum recovery time (years) in the Barents Sea. Different colours show the community recovery time in years.



Source: Lubin 2013 (from Denisenko S.G. and Zgurovsky, K.A. 2013. Impact of trawl fishery on benthic ecosystems of the Barents Sea and opportunities to reduce negative consequences. Murmansk. WWF. 2013. 55pp.)

Norway is, among other countries, part of the CoralFish project, which is focused on the research on interactions between cold water corals, fish and fisheries, in order to develop monitoring and predictive modelling tools for ecosystem based management. Among other areas, the CoralFish project studies the Region 1: Northern Norway- eastern Norwegian Sea, and has identified the following issues:

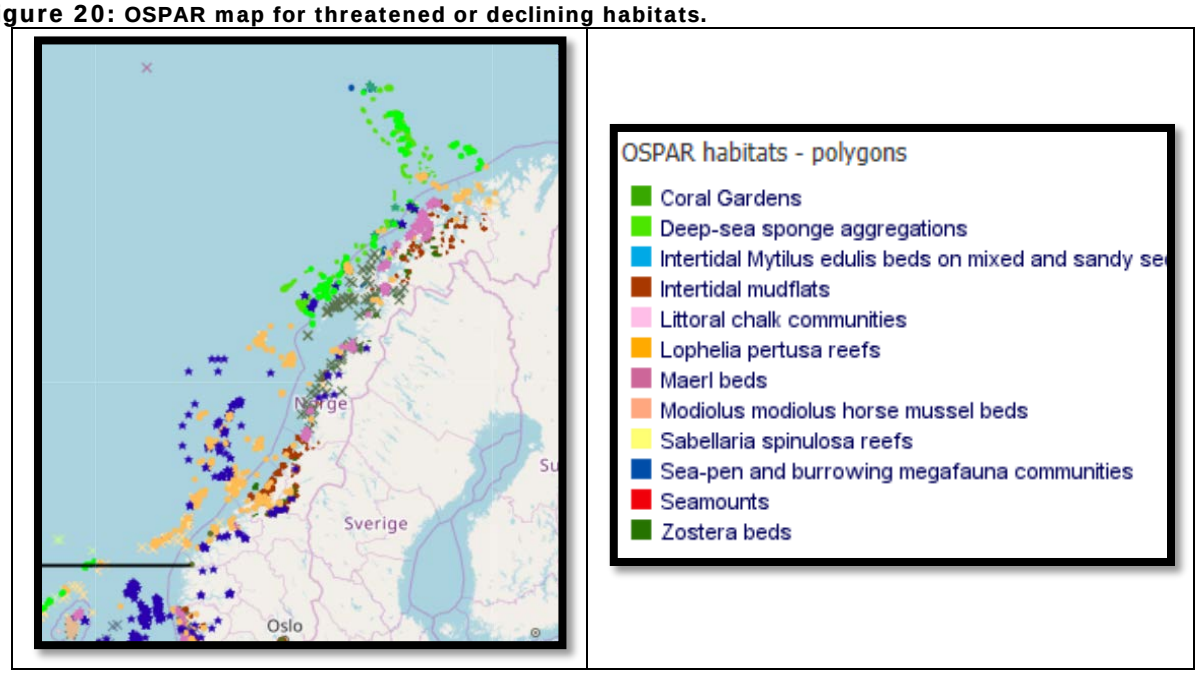
- There is a wide range of benthic habitats and environmental conditions: fjords, open coast, continental shelf, shelf break and deep ocean floor. Substrates vary from bedrock near the coast and in the fjords, to morainic and soft clay deposits on the shelf, to gravel and sand near the shelf break.
- *Lophelia pertusa* forms thousands of large and well developed cold water coral reefs in the mid Norwegian shelf, but many reefs in the area have been damaged by bottom trawling. As a result, three offshore coral reefs have been designated MPAs.
- Fisheries include all-year or seasonal trawling, long-lining and gillnetting, the latter two targeting coral reefs for redfish (*Sebastes* spp.), tusk (*Brosme brosme*), and ling (*Molva molva*).

The OSPAR Commission website lists (as for November 2017) the following declining habitats in OSPAR Region 1 (this is, the OSPAR maritime area north of latitude 62°N, but also including Iceland and the Faroes):

- Coral gardens in all NEA regions
- Deep Sea sponge aggregations
- Intertidal mudflats
- *Lophelia pertusa* reefs
- *Modioulus modiolus* beds in all regions

- Seamounts
- Zostera beds

Figure 20: OSPAR map for threatened or declining habitats.



Source: OSPAR Commission

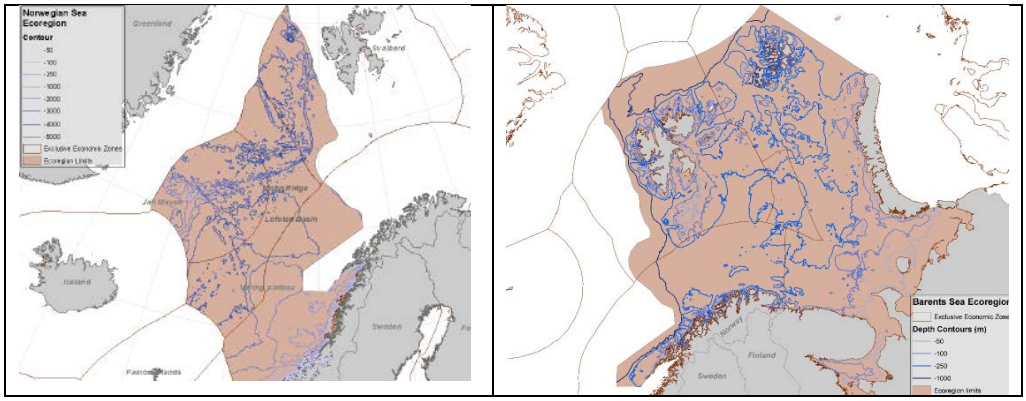
There are certain management measures implemented in order to protect vulnerable habitats in Norwegian waters. Some of these measures are:

- Trawling is generally forbidden within the 12 nautical miles outside the baseline (however this limit is sometimes set at 6 nautical miles inside the fjords
- Trawling is generally forbidden at depths exceeding 1000 m.
- Regulation J- 187-2008 prohibits trawling near coral reefs, and establishes Marine Protected Areas to protect them.
- Regulation J-40-2016, which affects all the Norwegian EEZ, sets a move on rule for the protection of coral and sponges. This said, when a trawl vessel catches more than 30 kg corals or 400 kg sponges in a single haul the vessel shall stop fishing and move position at least 2 nautical miles in order to avoid such catches. The incident must be reported to the Directorate of Fisheries.
- When fishing in a new area, vessels must have a special permit from the Directorate of Fisheries. Such special permission may only be granted if the vessel has submitted to the Directorate for approval:
    - A detailed protocol for trial fishing which includes a fishing plan for fishing gear, fish stocks, by-catches, time and areas.
    - A plan to avoid damage to sensitive marine ecosystems.
    - A plan for journal entry and reporting.
    - And a plan for collecting data on vulnerable soil habitats

3.4.5 Ecosystem

The fishing activity by the different UoCs takes place in coastal waters of the Norwegian EEZ, this is, both in the Norwegian and the Barents Sea eco-regions.

Figure 21: Norwegian Sea and Barents Sea eco-regions.



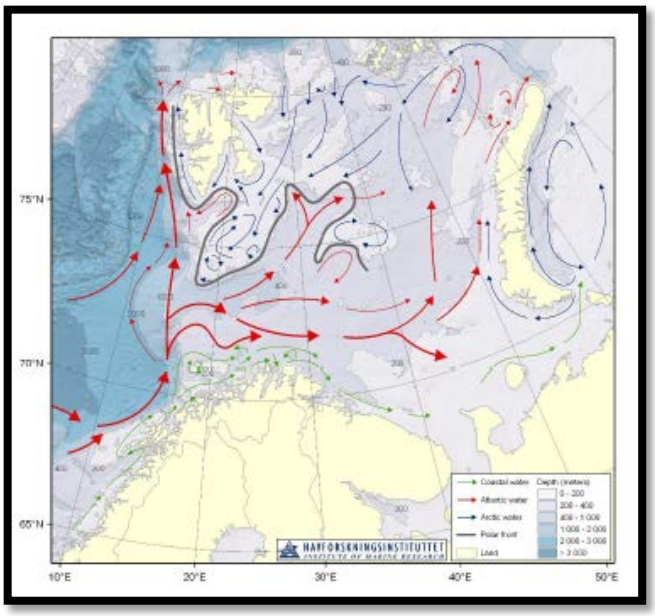
Source: ICES Norwegian Sea and Barents Sea ecosystem overviews.

The Norwegian Sea, together with the Greenland Sea and the Iceland Sea, comprise the Nordic seas, which are separated from the rest of the North Atlantic by the Greenland–Scotland Ridge. The Norwegian Sea covers more than 1.1 million km2, consisting of two deep basins (between 3000 and 4000 m deep), the Norwegian Basin and the Lofoten Basin, separated by the Vøring plateau (between 1000 and 3000 m deep).

The Barents Sea is one of the shelf seas surrounding the Polar basin. It connects with the deeper Norwegian Sea to the west, the Arctic Ocean to the north, and the Kara Sea to the east, and borders the Norwegian and Russian coasts to the south. It covers an area of approximately 1 600 000 km2 (Carmack et al. 2006, although this estimation includes the surface of the different islands in the area (Terziev 1990)), has an average depth of ca. 230 m, and a maximum depth of about 500 m at the western end of Bear Island Trough (ICES 2016 AFWG Report). Its topography is characterized by troughs and basins, separated by shallow bank areas. The three largest banks are Central Bank, Great Bank, and Spitsbergen Bank.

The Norwegian and Barents seas are transition zones for warm and saline waters on their way from the Atlantic to the Arctic Ocean. The major current, the Norwegian Atlantic Current (NwAC), is a poleward extension of the Gulf Stream and the North Atlantic Current that acts as a conduit for warm and saline Atlantic water from the North Atlantic to the Barents Sea and Arctic Ocean.

Figure 22: Water circulation in the Norwegian and Barents Seas.



Source: ICES AFWG REPORT 2016

Climate variability has been noticed in these waters, with surface water suffering both increasing or decreasing trends in different years. Ice cover also has a strong seasonal and inter-annual variation, ranging from almost ice-free conditions to covering more than half the sea. In the last 40 years, there has been a general decreasing trend in ice coverage in the Barents Sea. Distribution of phytoplankton, zooplankton and fish species have moved North as these waters get warmer. Changes in water temperature affect the different species in the ecosystem and favours the appearance of other non-indigenous species which may cause trophic competition.

The fisheries in the Norwegian Sea ecoregion are managed by Norway and by coastal states, with some fisheries managed by the North East Atlantic Fisheries Commission (NEAFC). Pelagic fishing by multinational fleets is the major activity in the ecoregion, targeting mainly NSS herring, blue whiting and mackerel. The number of fishing vessels is declining while the sizes of the vessels are increasing. The Norwegian commercial fleet has the highest fishing activity in the shelf area, particularly along the coast of Norway and along the continental shelf edge. Environmental issues in the Norwegian EEZ of the Norwegian Sea are managed by Norwegian agencies and through OSPAR, with advice being provided by Norwegian agencies, OSPAR, and ICES.

As regards fishing activity in the Barents Sea, vessels from different nationalities target different species using different gears. The largest commercially exploited fish stocks (cod, capelin and haddock) are now harvested at fishing mortalities close to those in the management plan and have full reproductive capacity. Some of the smaller stocks (golden redfish *Sebastes marinus* and coastal cod in Norway) are overfished. Other species subject to targeted fisheries include Greenland halibut, Atlantic halibut, beaked redfish, deep-water shrimps, red king crabs, and snow crabs (both crab species are well established in the region, despite being invasive species). Fisheries in the Barents Sea are managed by Norway and Russia in their respective EEZ. Each year the Joint Russian-Norwegian Commission meets in order to share information on the Barents Sea resources and management measures. NEAFC manages the Barents Sea international waters of the Loop Hole.
As regards research activities, marine research institutions such as IMR and PINRO undertake different scientific surveys in the Barents Sea to monitor both physical and chemical parameters as well as sample the status of the stock of different species. Table 24 below summarizes the different scientific surveys regularly taken by these institutions.

Table 24: Overview of conducted monitoring surveys by IMR and PINRO in the Barents Sea, with observed parameters and species. Climate and phytoplankton parameters are: T-temperature, S-Salinity, N-nutrients, chla-chlorophyll.

SURVEY	INSTITUTION	PERIOD	CLIMATE	PHYTO – PLANKTON	ZOO– PLANKTON	JUVENILE FISH	TARGET FISH STOCKS	MAMMALS	BENTHOS
Winter survey	Joint	Feb-Mar	T, S	N, chla	Intermittent	All commercial species and some additional	Cod, Haddock	-	-
Lofoten survey	IMR	Mar-Apr	T, S	-	-	-	Cod, haddock, saithe	-	-
Ecosystem survey	Joint IMR - PINRO	Aug-Oct	T, S	N,chla	Yes	All commercial species and some additional	All commercial species and some additional	Yes	Yes
Norwegian coastal surveys	IMR	Oct-Nov	T, S	N,chla	Yes	Herring, sprat, demersal species	Saithe, coastal cod	-	-
Russian Autumn-winter trawl-acoustic survey	PINRO	Oct-Dec	T, S	-	Yes	Demersal species	Demersial species	-	-
Norwegian Greenland halibut survey	IMR	Aug, biennial	-	-	-	-	Greenland halibut, redfish	-	-
Russian young herring survey	PINRO	May	T, S	-	Yes		Herring	-	-

Interspecies trophic relations are also studied both in the Norwegian and the Barents Seas through different multispecies and ecosystem models, which identify the most important inter-species/ functional group links and sensitivity of the ecosystem to changes, and serves to give scientific based management advice to the different fleets. Specifically, the trophic relationships of saithe (trophic level 4.3 +/- 0.35) with prey species on the North East Atlantic have been studied through different models, such as Ecopath with Ecosim for the North Sea, the Faroese waters (Zeller and Freire, 2001; Zeller and Reinert 2004) and other models for the Norwegian Sea (Hjollo et al, 2012; Utne et al, 2012) and Norwecom.e2e, which takes into account processes such as movement, migration, feeding, growth and mortality. Besides, Table 25 below gives a summary of different multispecies and ecosystem models for the Barents Sea.

According to Plagányi (2007), there are different approaches to modelling the ecosystem:

- Whole ecosystem models: models that attempt to take into account all trophic levels in the ecosystem
- Minimum Realistic Models (MRM): takes into account a limited number of species which are most likely to have important interactions with a target species of interest

- Dynamic System Models (Biophysical): represent both bottom-up (physical) and top-down (biological) forces interacting in an ecosystem
- Extensions of single-species assessment models (ESAM): They expand current single-species assessment models taking only a few additional inter-specific interactions into account.

Table 25: Classification of the multispecies/ecosystem models for the Barents Sea.

MODEL	NAME	STATUS (for the Barents Sea)
Whole ecosystem models (End to End models)		
EwE and ECOSPACE	Ecopath with Ecosim	Potentially useful
ATLANTIS	ATLANTIS	Operational
Minimum realistic models (Multispecies models)		
Bifrost	Boreal integrated fish resource optimization and simulation tool.	Operational
STOCOBAR	Stock of cod in the Barents Sea	Operational
GADGET	Globally applicable Area Disaggregated General Ecosystem Toolbox	Operational
DSF	Dynamic Stochastic Food web	In development
BORMICON	Boreal Migration and consumption model	Precursor to GADGET
MULTISPEC	Multi-species model for the Barents Sea: Simplified version is AGGMULT which is also connected to a ECONMULT - a model describing the economies of the fishing fleet.	Retired
MSVPA and MSFOR (and derivates)	Multi-species Virtual Population Analysis; Multi-species Forecasting Model.	Potentially useful
IBM	Individual-Based Models	Operational
Dynamic system models		
NORWECOM.E2E	Formulation is moving towards whole ecosystem model	In development
SYMBIOSES	SYMBIOSES	First version functional, under further development.
Extension of single species assessment models		
ESAM	Extended Single-Species Models e.g. Livingston and Methot 1998; Hollowed *et al.*, 2000; Tjelmeland and Lindstrøm 2005.	Limited application
SEASTAR	Stock Estimation with Adjustable Survey observation model and TAg-Return data	Limited application
EcoCod	Ecosystem and Cod	In development

Source: ICES AFWG REPORT 2016

3.5 Principle Three: Management System Background

3.5.1 Jurisdiction

The fishery is managed by Norway and takes place in the Norwegian Economic Zone.

3.5.2 Legal basis and management set-up

Norway has a well-established system for fisheries management, which has evolved over more than a century and is now codified in the 2008 Marine Resources Act and secondary legislation. The Act applies to all catch and use of marine resources and their genetic material and covers issues such as bioprospecting, catch levels and quotas, catch and use of marine resources, arrangements on the fishing fields, liability for damage and local regulations and monitoring, enforcement, sanctions and criminal liability.

The Marine Resources Act is a framework law, which mainly authorizes the Government to issue specific regulations within designated fields. The most important rules are found in the Regulation on the Execution of Marine Fisheries, which is updated annually. The Regulation contains rules for mesh size, selection and limitations on the use of specific catch gear, seasonal restrictions, bycatch, minimal fish size, discard ban, restrictions on the use of trawl in specific areas, protection of coral reefs, documentation on hold volumes, marking of vessels and gear, loss of gear and fish welfare. Other important legal instruments are the 1999 Act on the Right to Participate in Fisheries, the 2015 Act on First-Hand Sales of Wild Catch of Marine Resources, the 2016 Regulation on Participation in Fisheries, the 2016 Regulation on Licencing and the 2016 Regulation on Landing and Sales Notes. All Regulations are subject to running modifications and additions through so-called J-orders, which are distributed to the fishing fleet electronically. This includes dedicated and regularly updated annual regulations for the fishery of each specific species, including separate regulations for saithe.

The executive body at governmental level is the Ministry of Trade, Industry and Fisheries, while the practical regulation of fisheries is delegated to the Directorate of Fisheries. Enforcement at sea is taken care of by the Coast Guard, which is part of the Royal Norwegian Navy, but performs tasks on behalf of several ministries, including the Ministry of Trade, Industry and Fisheries. Scientific research is performed by the Institute of Marine Research. Fisheries management authorities coordinate their regulatory work with that of other bodies of governance, for instance the Ministry of Climate and Environment and the Norwegian Environmental Agency, which are responsible for the implementation of the integrated management plans for different marine areas.

3.5.3 Objectives

The 2008 Marine Resources Act requires that Norwegian fisheries management be guided by the precautionary approach, in line with international treaties and guidelines, and by an ecosystem approach that takes into account habitats and biodiversity. The same objectives are found in the most relevant policy documents, such as the integrated management plans for the Barents and Norwegian Seas, and for the North Sea and Skagerrak.

3.5.4 Stakeholders and consultation processes

Norway has a long tradition of including non-governmental organizations in fisheries management, with continuous consultation and close cooperation between governmental agencies and user-group organizations, in particular the Norwegian Fishermen's Association, but also the more specialized organizations such as the fishermen's sales organizations. As these organizations have regional branches, whose representatives are actively involved in policy-making, ensuring that

local knowledge is also taken into consideration in the management process. So-called Regulatory Meetings are organized twice a year are open to all; user-group organizations and NGOs attend on a regular basis. In addition there is day-to-day contact by telephone and email between authorities, user groups and other interested parties. Distribution of the national quota between different gear and fishing fleets has in practice been delegated to the Norwegian Association of Fishermen, which includes all fishermen from the smallest coastal vessels to ocean-going trawlers. Hence, the inherent conflict of interest between different vessel types is handled at the level of the Fishermen's Association, and the outcome is formalized by the Ministry or Directorate after agreement has been reached within the Association. Technical regulation measures are to a large extent decided upon in direct consultations 'over the table' between authorities and user groups at the Regulatory Meetings. The Sami Parliament is formally consulted in the management of fisheries that are of historical importance to the indigenous Sami population.

In addition to formal and informal consultation on the running regulation of the fisheries, user-group organizations and authorities work together – e.g. in designated working groups – to tackle new and emerging challenges to the fishery, such as conflicts with the petroleum sector, marine litter, ghost fishing and other threats to the marine environment.
User groups such as the Norwegian Fishermen's Association also participate in the annual negotiations conducted between Norway and other countries. Norwegian management authorities actively seek advice from user groups in preparation for all international consultations and negotiations, and user groups are included in the Norwegian delegation.

3.5.5 Enforcement and compliance

The Marine Resources Act places the overall responsibility for monitoring, control and surveillance in Norwegian fisheries with the Directorate of Fisheries. The 1997 Coast Guard Act provides the Coast Guard with the authority to conduct inspections in waters under Norwegian jurisdiction, within the fields covered by the Marine Resources Act and secondary legislation given with statutory authority in that Act. Hence, MCS in Norwegian fisheries is taken care of through shared responsibility and close collaboration between the Directorate of Fisheries, the Coast Guard and the regional sales organizations. The Directorate of Fisheries keeps track of how much fish is taken of the quotas of individual vessels, different vessel groups and other states at any given time, based on reports from the fishing fleet. Norwegian vessels are required to have electronic logbooks, or more specifically Electronic Reporting Systems (ERS). This implies that real-time data are forwarded to the Directorate of Fisheries, with the possibility to make corrections of data submitted each day within 12 hours into the next day. Norway has agreements in place with a number of other countries about exchange of ERS data, including the EU. The self-reported catch data can be checked at sales operations through the sales organizations, which have monopoly on first-hand sale of fish in Norway, and through physical checks performed by the sales organizations, the Directorate of Fisheries and the Coast Guard. The sales organizations are required to record all landings of fish in Norway and keep track of how much remains of a vessel's quota at any given time, on the basis of the landings data. This information is compared to the figures provided by the vessels to the Directorate of Fisheries through the electronic logbook. The value of any catch delivered above a vessel's quota is retained by the sales organization and used for control purposes. The sales organizations have their own inspectors who carry out physical controls of landings. They check, among other things, weighing equipment, quantity and size distribution of the catch, the quality of the fish and documentation. The Directorate has seven regional offices along the coast, staffed with inspectors that carry out independent physical control of the fish at the point of landing, including total volume, species and fish size. All landings have to be reported six hours in advance in order to give the inspectors the possibility to check the landed catch. The landed volumes are compared to the volumes reported to the Directorate through the logbooks. Both landing and at-sea control is conducted using a risk-based framework aimed at utilizing resources to optimize compliance at any given moment.
There is an extensive exchange of information (e.g. inspection data) among the North East Atlantic states, bilaterally and multilaterally through the NEAFC control and enforcement scheme. As follows, there are a number of possibilities for enforcement authorities to physically check whether the data provided by fishers through self-reporting are correct. In addition, VMS data enables control of whether area restrictions are observed, among other things.

As mentioned above, the Coast Guard performs tasks on behalf of several ministries, but its most important field of work in practice is fishery inspections. Coast Guard inspectors board fishing vessels and control the catch (e.g. catch composition and fish size) and fishing gear (e.g. mesh size) on deck and the volume of fish in the holds. Using the established conversion factors for the relevant fish product, the inspectors calculate the volume of the fish in round weight and compare this with the catches reported to the Directorate through the logbooks. Hence, there are a number of possibilities for enforcement authorities to physically check whether the data provided by fishers through self-reporting are indeed correct. In addition, VMS data enables control of whether area restrictions are observed, among other things.

Intentional or negligent violations are punished with fines or prison up to one year, while infringements committed with gross intent or negligence may be punished with prison up to six years. In the judgment of the seriousness of the infringement, the economic gain of the violation, among other things, is to be taken into consideration. Alternatively, catch, gear, vessels or other properties can be confiscated. The Norwegian enforcement agencies use a graduated sanctioning system, with sanctions ranging from oral warnings, written warnings and administrative fines to formal prosecution. If the fishers do not accept the fines issued by the enforcement or prosecution authority, the case goes to court. The decision of a lower-level court can then be appealed to higher-level courts.

Enforcement authorities report the level of compliance in the fishery to be high. In 2016, the Coast Guard carried out 1599 inspections at sea. 74 inspections (4.6 %) resulted in a fine or prosecution. The Directorate of Fisheries performed 2549 inspections in 2016. Infringements leading up to a fine or prosecution were found in 407 inspections (16 %).

As follows from the above, the fishery has in place a comprehensive system for monitoring, control and surveillance, including physical checks of fishing operations, catch and gear, as well as a fine-meshed sanctioning system. In addition to these coercive compliance mechanisms, various forms of norm-, legitimacy- and communication-related mechanisms have also proved effective to deliver compliance in Norwegian fisheries. First, there is a degree of social control in the small coastal communities from which the fishery takes place, and the high level of user-group involvement (see SI section 3.5.4) may provide regulations with a degree of legitimacy that increases fishermen's inclination to comply with them. The same applies to the relationship between fishermen and enforcement officers, which is reported to be good. Inspectors are trained to approach the fishermen in as forthcoming a manner as possible and perceive themselves as having a guidance-providing and not only a policing role towards the fishing fleet.

3.5.6 Review of the management system

There are mechanisms in place to evaluate key parts of the management system. At the Regulatory Meetings that take place twice a year, management authorities receive feedback on management practices from the industry and other interested stakeholders, including NGOs. The scientific research component of the fisheries management system is reviewed in ICES reports and advice. The enforcement component is subject to continuous evaluation at meetings between the various bodies involved in enforcement activities, where priorities are hammered out on the basis of risk-based monitoring of past experience. The international side to Norwegian fisheries management system is reviewed by the Parliament upon submission by the Government (through the Ministry of Trade, Industry and Fisheries) of annual reports on the agreements concluded with other states within the fisheries sector. The Office of the Auditor General conducts annual reviews of the financial performance of the fishery management system.
The Office of the Auditor General regularly carries out holistic reviews of different sectors of the Norwegian bureaucracy (so-called 'management audits', as opposed to the more traditional financial audits). Such a review of the fisheries management system was undertaken in 2003–2004. At the initiative of the Russian Auditor General, a parallel audit of the Norwegian and Russian management systems for the Barents Sea fisheries was carried out in 2006–2007 and updated in 2011.

4 EVALUATION PROCEDURE

4.1 Harmonised Fishery Assessment

4.1.1 Overlapping fisheries

The fishery overlaps with a number of other MSC certified fisheries, in terms of the target species (P1), habitats (P2) and the fisheries management framework (P3).

The assessment team therefore carried out harmonisation with the MSC fisheries listed in Table 26

Table 26 Overlapping fisheries

Fishery	Gear	Geographical area	Assessment status
Arkhangelsk Trawl fleet Norwegian and Barents Seas saithe	Demersal trawl	FAO 27, ICES Ia, Ib, IIa, IIb	Certified January 2016 Expedited P1 assessment started 11 January 2017
Barents Sea cod, haddock, saithe (Ocean Trawlers)	Demersal otter trawl	FAO 27, ICES I & II	Re-certified September 2016
Faroe Islands and Iceland North East Arctic cod, haddock and saithe	Demersal rock-hopper trawl	FAO 27, ICES I & II	Re-certified August 2017
Greenland cod, haddock and saithe trawl	Demersal trawl	FAO 27, ICES I & II	Certified May 2015, In re-assessment
UK Fisheries/DFFU/Dogger Bank Northeast Arctic cod, haddock, saithe	Bottom trawl	FAO 27, ICES I & IIa & b	Re-certified Nov 2017
UK Fisheries Ltd, DFFU, **Doggerbank** saithe Fishery		FAO 27, ICES I & IIa & b	April 2016

4.1.2 Harmonisation activities

A comparison of the scores between the assessment and the overlapping fisheries is provided in Table 27.

Conclusion P1 and P3: This fishery harmonised with the fisheries listed in Table 26. The comparison indicates that despite small differences in scoring, these all occur within the SG80 – 100 range, indicating no material difference in outcomes. This is in line with the following MSC guidance on harmonisation: scores also need not be exactly the same between different teams, so long as any conditions are generated by the same scoring issues and scoring elements within harmonised PIs, and the same outcome (pass/fail) is achieved. (from MSC Interpretations Log, extracted 3rd April 2017).

Conclusion P2: The factors mentioned during the March 2016 harmonisation discussion would appear to account for most differences. Results of this harmonisation discussion are presented in Appendix 3.1 Barents Sea Harmonisation meeting results summary. It was concluded that different fisheries may have different outcomes for the scoring of the habitat PIs (2.4) based on various factors:

- Differences in target species (saithe fished further south, cod and haddock intermediate latitudes and prawn furthest north)

- Differences in information on habitats available about the fishing zone (best information in NEZ, less information in SFPZ although improving, Russian zone a bit unclear - information may exist but be hard to access).
- Differences in the number and type of vessels in the fleet (size but also what technology they have on board for identifying bottom types and how they use it)
- Vessel/operation nationalities; e.g EU vs non-EU fishing activity - this is relevant in the Barents Sea because due to the rules on haddock bycatch for the EU fleet their footprint is more constrained than that of the Norwegian and Russian fleets.
- Spatial extent of the vessel footprint – whether they continuously fish over the same areas vs. widely dispersed.

The assessment team attempted to harmonise with pre-existing scores as much possible, taking into account the management regimes, fleet sizes, fishing footprints and different ranges of management
measures implemented at company level.

Table 27 Harmonisation of scores

Component	PI No.	Performance Indicator (PI)	Norway NEA saithe	UK Fisheries Nov 17	Faroe Islands 2017	Barents sea 2016	UK Doggerbank April 16	Arkhangelsk 2016	Greenland 2015
Outcome	1.1.1	Stock status	100	100	100	90	100	100	90
	1.1.2	Reference points	100	90	100	90	90	90	90
	1.1.3	Stock rebuilding							
Management	1.2.1	Harvest strategy	100	100	100	85	100	100	95
	1.2.2	Harvest control rules & tools	90	80	100	80	90	90	100
	1.2.3	Information & monitoring	100	90	90	90	90	90	90
	1.2.4	Assessment of stock status	100	95	95	95	95	95	90
Retained species	2.1.1	Outcome	75	90	80	85	80	80	85
	2.1.2	Management	75	90	100	95	80	90	90
	2.1.3	Information	90	90	95	80	90	80	90
Bycatch species	2.2.1	Outcome	80	80	80	80	80	80	85
	2.2.2	Management	95	85	95	95	90	80	90
	2.2.3	Information	85	80	80	80	80	80	90
ETP species	2.3.1	Outcome	75	85	80	95	95	75	85
	2.3.2	Management	85	75	80	80	80	75	85
	2.3.3	Information	85	65	80	85	80	75	80
Habitats	2.4.1	Outcome	80	70	80	80	80	80	80
	2.4.2	Management	90	60	80	85	80	60	80
	2.4.3	Information	85	75	80	90	80	75	75
Ecosystem	2.5.1	Outcome	80	90	100	90	100	90	100
	2.5.2	Management	100	100	90	80	95	85	90
	2.5.3	Information	95	96	100	85	100	85	95
Governance and policy	3.1.1	Legal & customary framework	100	85	100	100	95	100	95
	3.1.2	Consultation, roles & responsibilities	100	85	100	100	95	100	85
	3.1.3	Long term objectives	100	100	100	100	100	100	90
	3.1.4	Incentives for sustainable fishing	100	80	100	90	90	90	80
Fishery specific management system	3.2.1	Fishery specific objectives	100	90	90	90	90	90	90
	3.2.2	Decision making processes	100	85	85	85	85	85	85
	3.2.3	Compliance & enforcement	100	100	100	100	100	100	100
	3.2.4	Research plan	80	90	80	90	80	90	90
	3.2.5	Management performance evaluation	80	90	80	80	90	90	90

4.1.3 Harmonisation outcomes

The low scores on retained species are due to the catch of coastal cod and the assessment team expects that only Norwegian coastal vessels catch Norwegian coastal cod. Coastal cod only affects

Norwegian coastal vessels scores, data from IMR reference fleet gave high number of interactions with ETP species, habitats are generally well managed in Norway's EEZ, plus OSPAR does not consider seapens to be vulnerable North of 62ºN. Ecosystem and bycatch scores are more or less similar.

As regards ETP species, the low scores are based on the detailed information provided by IMR Norwegian reference fleet, which gave higher numbers of interactions than expected. The assessment team gave lower scores than 80 to those gears either catching many different ETP species (gillnets and hooks and lines) or catching redfish (demersal trawlers). Management on ETP species depend on each country and also if the UoA covers one single country or different countries and regulations.

As regards habitats, generally speaking they are very well known (2.4.3) and managed (2.4.2). UK has many MPA without designated management measures, plus many seapens considered vulnerable (by OSPAR) in areas south 62ºN but which apparently are in a healthier status northern of 62ºNorth. For fisheries in the Barents Sea these generally include the NEAFC international waters of the loophole, where management measures are poorer.

4.2 Previous assessments

4.2.1 Full Assessment

The North East Arctic saithe fishery was first assessed and certified in June 2008. The full assessment was based on an assessment tree defined by the responsible CAB and had 3 conditions. All conditions from the full assessment were fully met (Table 28)

Table 28 Summary of previous assessment conditions

Condition	Year closed	Justification
Condition 1: uncertainties in assessment relating to estimation of recruitment and the effect of migration in and out of the stock	2010	
Condition 2: need for more detailed data on the by-catch of all species and a need for sampling programmes to estimate consequences on the stock and ecosystem	CLOSED	Norwegian legislation now requires that all fish species caught are recorded and landed, and all bird and mammal interactions should also be recorded. Although the system is not yet fully operational, it will contribute to meeting the aims of this condition. Also, IMR observers embarked on reference-fleet vessels record any occurrence of marine mammal (ETP) by-catch and henceforth will also record bird (ETP) by-catch. No specific problems relating to retained or by-catch species have been identified. The client is on schedule to meet the obligations of this condition
Condition 3: promotion of rebuilding of the North Sea cod stock through separate recordings of all catches of cod in saithe–directed fisheries, and evaluation in terms of its contribution to effects on cod stocks	CLOSED	Given that Norwegian North Sea cod by-catch are included within the TACs for the saithe stock, and hence included within the assessment and management process, adherence with the overall TACs set should lead to a recovery of the stock. Thus, the client fleet is meeting the requirements of this condition through compliance with current legislation and regulations and supporting IMR data-gathering initiatives.

Condition	Year closed	Justification
Condition 4: an assessment of potential effect of saithe directed fishing within the coral protection areas and identification and implementation of appropriate management measures to prevent adverse effects if found to be significant	CLOSED	DoF and IMR (pers. comm.) acknowledge the support that NFVOA is giving to support the MAREANO programme and its efforts to safeguard coral reefs and other sensitive marine habitats. The client is complying fully with the terms of Condition 4.

4.2.2 First Re-assessment

The first re-assessment for the North East Arctic saithe fishery was announced on 18th July 2012. Site visits were performed by the certification body (here DNV GL) and the assessment team and consultations were done with interested stakeholders in September 2012. The performance indicators and the pertaining scoring systems were evaluated, and it was judged that the fishery continued to meet the requirements for MSC certification. The assessment team used the default assessment tree as defined in the MSC Certification Requirements v1.2 without any modifications. The principle level scores from the first re-assessment are given in Table 29. The fishery achieved a score of below 80 against 1 scoring indicator for the North Sea saithe harvested by jiggers & longliners. The assessment team set a condition for continuing certification.

Table 29 Principle Level Scores -First re-assessment

Principle	Danish seine	Trawl	Purse seine	Jigging & Longline	Others
Principle 1 – Target Species	91,3	91,3	91,3	91,3	91,3
Principle 2 – Ecosystem	90	88,7	93	90,7	90
Principle 3 – Management System	98	98	98	98	98

The condition from the first re-assessment was fully met (Table 30)

Table 30 Summary of assessment conditions for the First Re- Assessment

Condition	PI(s)	Year closed	Justification
1. The client should develop a sampling programme to deliver sufficient information on the nature and extent of retained species is adequate to determine the risk posed by the fishery and the effectiveness of the strategy to manage ling (Molva molva).	2.1.3	2016	This condition has essentially been fulfilled. With the revision to the CPUE database for the longline fleet over 2015, progress on this new standardized CPUE and large improvements in the ICES InterCatch database, as the last surveillance states "there is an effective strategy in place to manage ling and tusk". It is now considered that SG 80 b (Information is sufficient to estimate outcome status with respect to biologically based limits) for ling and tusk is now met and the condition should be closed.

4.3 Assessment Methodologies

Table 31 Assessment methodologies

Standard	MSC Fishery Certification Requirements and Guidance version 2.0.
Report template	MSC Full Assessment Reporting Template v2.0
Assessment tree	Default assessment tree v1.3

4.3.1 The MSC fisheries standard

The MSC fisheries standard sets out requirements that a fishery must meet to enable it to claim that its fish come from a well-managed and sustainable source. The MSC standard applies to wild-capture fisheries that meet the scope requirements as confirmed in section 3.1.

The MSC fisheries standard comprises three core principles:

Principle 1: Sustainable target fish stocks

A fishery must be conducted in a manner that does not lead to over-fishing or depletion of the exploited populations and, for those populations that are depleted, the fishery must be conducted in a manner that demonstrably leads to their recovery.

Principle 2: Environmental impact of fishing

Fishing operations should allow for the maintenance of the structure, productivity, function and diversity of the ecosystem (including habitat and associated dependent and ecologically related species) on which the fishery depends.

Principle 3: Effective management

The fishery is subject to an effective management system that respects local, national and international laws and standards and incorporates institutional and operational frameworks that require use of the resource to be responsible and sustainable.

4.3.2 The assessment tree structure

The default tree structure is divided into four main levels for the purposes of scoring, as summarised below and illustrated in Figure 23:

- Principle: The Principles represent the overarching basis for the assessment tree
- Component: A high level sub-division of the Principle
- Performance Indicator (PI): A further sub-division of the Principle
- Scoring Issue (SI): A sub-division of the PI into related but different topics. Each PI has one or more scoring issues against which the fishery is assessed at the SG 60, 80, and 100 levels.

The detailed assessment tree used in this assessment is included in Appendix 1.

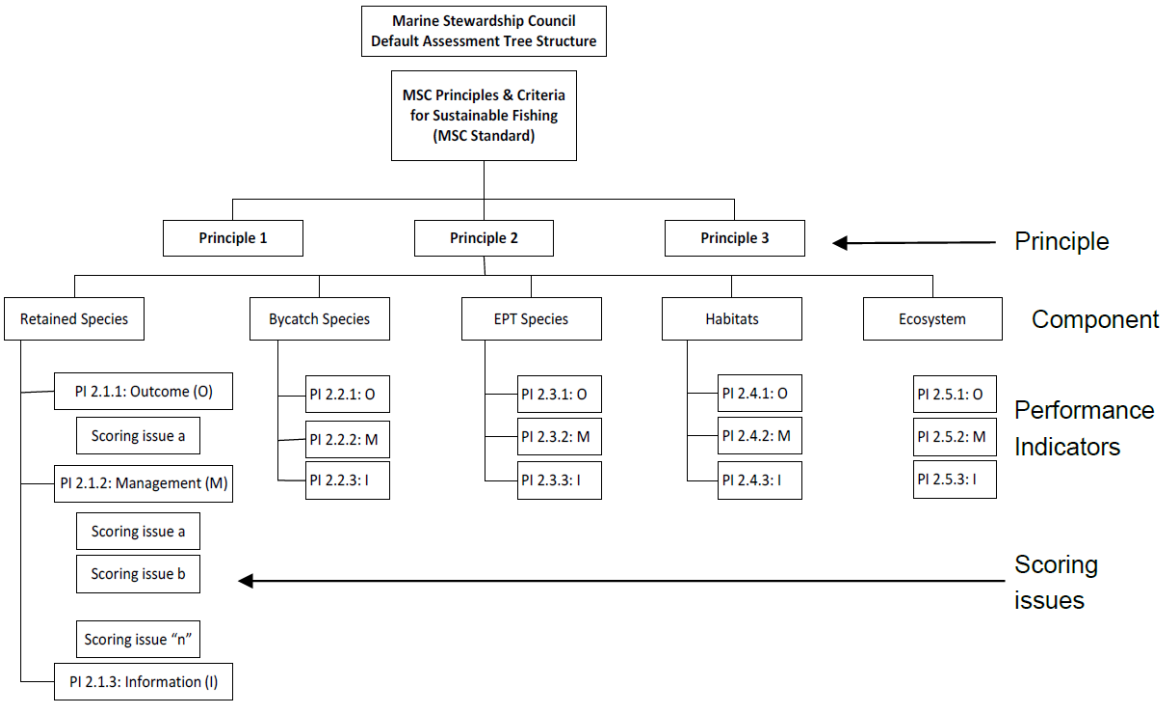


Figure 23 The assessment tree structure

4.4 Evaluation Processes and Techniques

The site visits for the second re-assessment of the North East Arctic saithe fishery were performed by the CAB, DNV GL, and the assessment team and consultations were done with interested stakeholders. The performance indicators and the pertaining scoring systems were evaluated, and it was judged if the fishery meets the requirements for MSC certification.

In order to fulfil the requirements for certification the following minimum scores are required:
- The fishery must obtain a score of 80 or more for each of the three MSC Principles, based on the weighted aggregate scores for all Performance Indicators under each Criterion in each Principle.
- The fishery must obtain a score of 60 or more for each Performance Indicator under each Criterion in each Principle.

Even though a fishery fulfils the criteria for certification, there may still be some important potential risks to future sustainability that are revealed during assessment. These are performance indicators that score less than 80, but more than 60. In order to be granted a MSC fishery certificate the client must agree to further improvements to raise the score to 80. DNV GL and the assessment team has set a timescale for the fishery to improve the relevant areas, so that the certification process can continue.

Default performance indicators and the scorings allocated in the evaluation are enclosed in the section 6.2.

4.4.1 Site Visits

Relevant stakeholders were visited in September 2017 as outlined in Table 32. The aim of the site visit was to gather information about the different fisheries by the same client.

These were:

1. **Norway NEA saithe fishery**: 4th Surveillance and **Re-assessment**
2. Norway NEA cod fishery: 2nd Surveillance assessment
3. Norway NEA haddock fishery. 2nd Surveillance assessment
4. Norway North Sea saithe fishery: 4th Surveillance and Re-assessment (with additional species cod, haddock and hake; are IIIa and gear pots.

Information gathered is presented in this report and in the enclosed scoring tables. Apart from the site visit meetings, no other field activities, such as visits to vessels, landing sites or processing plants, were undertaken.

Table 32 Itinerary of field activities

Date	Main activities and locations inspected	Names of individuals contacted during field inspections
19.09.2017	**DOF, Bergen:** Function, role and responsibility, Harvest strategy for the fisheries, including regulations limiting fishing effort and harvest control rules, short-term and long-term management objectives for the fisheries, consultation and decision-making process, mechanisms for resolution of legal disputes, regulations for the fisheries in the relevant geographical area, control, surveillance and monitoring routines/regulations applied to the fisheries in the relevant geographical area, strategy for minimising or eliminating ETP by-catch, strategy and plans for protection of sensitive habitats, fishermen's compliance with laws and regulations, significant discrepancies found at landing control for the fisheries in the last year and VMS data for the fisheries. **IMR, Bergen**: Sampling programmes/level of sampling and surveys including observer programmes, integration of national data collection programmes and stock assessments with ICES assessments, stock status, stock structure and recruitment, catch data for the most recent fishing season, monitoring programmes for bycatch, discard and ETP species, level of slipping/ discards, impact of the fishery on marine habitats and the ecosystem and research strategy or programmes for the fishery.	Directorate of Fisheries, Bergen -Modulf Overvik -Gunnstein Bakke Institure of Marine Research -Bjarte Bogstad - Arvid Staby Client Representatives -Tor B Larsen
20.09.2017	Ministry of Trade, Industry and Fisheries, Oslo: Function, role and responsibility, harvest strategy for the fisheries, including regulations limiting fishing effort and harvest control rules, short-term and long-term management objectives for the fisheries, consultation and decision-making process for the stocks of the fisheries, mechanisms for resolution of legal disputes, regulations for fisheries in the relevant geographical area, control, surveillance and monitoring routines/ regulations applied to the fisheries in the relevant geographical area, level of slipping/discards, strategy for minimising or eliminating ETP by-catch, strategy and plans for protection of sensitive habitats, fishermen's compliance with laws and regulations, significant discrepancies found at landing control for the fisheries in the last year, catch data for the most recent fishing season, observed fishing pattern (gear used, fishing area, number of boats, fishing season), VMS data for the fisheries and research strategy or programmes for the fisheries	Ministry of Trade, Industry and Fisheries - Geir Ervik - Mari Didriksen - Rune Dragset

20.09.2017	DNV GL office at Høvik, Oslo: Basic info about the company, ownership or organizational structure, roles and responsibilities in the MSC Fishery certification process, vessel/certificate member list, fishing operations, fishing season, allocation of fishing days, fishing areas and gear used, catch and effort data, impact on ecosystem, by-catch of fish species, by-catch of marine mammals, birds, ETP species, bycatch of fish and shellfish species, marine mammals, ETP species and birds, discarding practices, overlap of the fishery with sensitive habitats and closed areas, compliance with rules and regulations, control, surveillance and monitoring routines, disputes, sanctions and penalties, traceability system on board and at landing, labelling of products/changes in labelling of products, landing sites, first point of landing, first point of sale, main products/change in product range, main markets and of progress against conditions and recommendations	Client: Norges Fiskarlag - Vidar Naalsund, SUROFI - August Fjeldskår, Fisherman - Tor B. Larsen

4.4.2 Consultations

The assessment team met with relevant stakeholders as outlined in Table 32 Information gathered is presented in this report and in the scoring tables.

4.4.2.1 Site visit consultations

The assessment team met with relevant stakeholders as outlined in Table 32 Information gathered is presented in this report and in the enclosed scoring tables.

4.4.2.2 Process consultations

Several stakeholders have been identified and contacted during the assessment of the Norges Fiskarlag Norway North East Arctic saithe fishery. Relevant stakeholders were interviewed in September 2017 as outlined in Table 33.

Table 33 Process announcements and consultations

Consultation subject	Consultation date	Consultation channels
Announcement of 2nd re-assessment	18.08.2017	https://www.msc.org
Confirmation of assessment team	18.08.2017	https://www.msc.org
Notification of assessment timeline	18.08.2017	https://www.msc.org
Announcement of assessment tree	18.08.2017	https://www.msc.org
Advertisement of certification and Invitation to contribute to assessment process	20.08.2017	Email distribution
Stakeholder notification: Site visit scheduled	20.08.2017	Email distribution
Public comment draft report		
Final report		
Public certification report		

4.4.3 Evaluation Techniques

4.4.3.1 Announcements

The assessment was announced at MSC.org to reach international stakeholders and e-mails were used to reach local stakeholders. At the beginning of the re-assessment, the CAB compiled a stakeholder list based on a guidance from the client and existing stakeholder list from the earlier assessments and subsequent surveillances.

The list covered 70 stakeholders and has been updated and used at every stage of the consultation process undertaken for this fishery.

4.4.3.2 Methodology used

The assessment team decided to use the default assessment tree as defined in the MSC Certification Requirements v1.3 without any modifications. The MSC Full Assessment Reporting Template v2.0 is used for this report.

4.4.3.3 Scoring process

After all relevant information, collected during the site visits of 19th and 20th September 2017, was compiled and analysed, the assessment team scored the Unit of Assessment against the Performance Indicator Scoring Guideposts (PISGs) in the assessment tree. The team discussed evidence on the 21st and 22nd September 2017 at the DNV GL offices in Oslo, and weighed up the balance of evidence and used their judgement to agree on a score following MSC FCR processes and based on consensus. Some information was received from the relevant stakeholders during the scoring meeting and some after the meeting. The team evaluated all the information and agreed on the final scores through email communication.

Individual Performance indicators are scored. Scores for individual PIs are assigned in increments of five points. Any divisions of less than five points are justified. Scores for each of the three Principles are reported to the nearest one decimal.

- If one or more of the scoring issues fails to meet the scoring guidepost at the 60 level, the UoA fails and no further scoring is provided for the Performance indicator.
- Where all of the SG60 scoring issues are met, the PI achieves at least a 60 score, and the team assesses each of the scoring issues at the SG80 level.
- Where one or more of the SG80 scoring issues is not met, the PI is given an intermediate score reflecting the overall performance against the different SG80 scoring issues, and one or more condition(s) are assigned to the PI.
- Where all of the 60 scoring issues and all of the 80 issues are met, the PI achieves at least an 80 score, and the team assesses each of the scoring issues at the SG100 level.
- Where one or more of the SG100 scoring issues is not met, the PI is given an intermediates score reflecting the overall performance against the different SG100 scoring issues.
- Where all of the SG60, SG80 and SG100 scoring issues are met, the PI achieves a 100 score.

In Principle 1 and 2 the scoring may include PI with multiple scoring elements. Scoring is then applied to the individual scoring elements and the overall score for the PI is determined based on the score of the different scoring elements. Scoring elements considered in this assessment are listed in Table 34.

In order to fulfil the requirements for certification the following minimum scores are required:

- The fishery must obtain a score of 80 or more for each of the three MSC Principles, based on the weighted aggregate scores for all Performance Indicators under each Principle.
- The fishery must obtain a score of 60 or more for each individual scoring issue under each Performance Indicator in each Principle.

The final scores are based on group consensus within the assessment team. The assessment team will recommend certification where the weighted average score is 80 or more for all the three Principles, and were all individual scoring issues are met at the SG60 level.

Conditions are set where the fishery fails to achieve a score of 80 to any Performance Indicators. Conditions with milestones are set to result in improved performance to at least the 80 level within

a period set by the assessment team. The client is required to provide a client action plan to be accepted by the assessment team. The client action plan shall detail:

- how conditions and milestones will be addressed
- who will address the conditions
- the specified time period within which the conditions and milestones will be addressed
- how the action(s) is expected to improve the performance of the UoA
- how the CAB will assess outcomes and milestones in each subsequent surveillance or assessment
- how progress to meeting conditions will be shown to CABs.

Table 34 Scoring elements

Component	Scoring elements	Main / not main	Justification for main / not main [primary and secondary species]	Data-deficient or not
[e.g. P1, Primary, Secondary, ETP]	Saithe			
Retained	Cod	Main	More than 5% of the catch composition	No
Retained	Haddock	Main	More than 5% of the catch composition	No
Retained	Greenland halibut	Not main	Less than 5% of the catch composition	No
Retained	Tusk	Not main	Less than 5% of the catch composition	No
Retained	Ling	Not main	Less than 5% of the catch composition	No
Retained	Monkfish	Not main	Less than 5% of the catch composition	No
Retained	Beaked redfish	Not main	Less than 5% of the catch composition	No
ETP	Golden redfish	N/A	N/A	No

4.4.3.4 Risk Based Framework

The RBF methodology has not been used in this re-assessment.

5 TRACEABILITY

5.1 Eligibility Date

Products from the certified fishery eligible to be sold as MSC certified or bear the MSC ecolabel from 16th June 2018.
The eligibility date is the date of the re-certification of the fishery.

5.2 Traceability within the Fishery

As described in section 3.5, monitoring, control and surveillance is the shared responsibility and is done with close collaboration between the Directorate of Fisheries, the Coast Guard, the regional sales organizations and the EU counterparts. Norwegian Coast Guard and EU inspectors board fishing vessels and control the catch (e.g. catch composition and fish size) and fishing gear (e.g. mesh size) on deck and the volume of fish in the holds. Norwegian vessels are required to have electronic logbooks, where real-time catch data are forwarded to the Directorate of Fisheries.

All vessels are monitored by the Directorate of Fisheries through VMS data. The client has access to tracking data, and organizational and peer pressure in addition to official control contributes to minimizing the possibility of fishing outside the unit of certification.

The Directorate of Fisheries keeps track of how much fish is taken of the quotas of different vessels, vessel groups or other states at any given time, based on reports from the fishing fleet. The self-reported catch data can be checked at sales operations through the sales organizations, which have monopoly on first-hand sale of fish in Norway, the Danish auction places, and through physical checks performed by the sales organizations, the Directorate of Fisheries and the Coast Guard.

Catches are recorded using an “app” on smartphones, which also provide fishing location in a similar way to VMS on the larger vessels. The implementation of this is in compliance with the new regulation introduced in 2015. Smaller vessels continue to provide notification of landing location and landing company, two hours prior to landing and also provide sales notes following landing. Catches are landed in mainly in Norway the main market being producers and traders in Norway.

The sales organizations are required to record all landings of fish in Norway. This information is compared to the figures provided by the vessels to the Directorate of Fisheries through the electronic logbook. Physical controls of landings are carried out both by inspectors from the sales organizations and the Directorate of Fisheries. The sales organizations in the scope of these certifications are:

- Norges Råfisklag,
- Surofi,
- Vest-Norges Fiskesalslag
- Rogaland Fiskesalgslag
- Skagerrakfisk

Catch certificate is mandatory for export to EU. The catch certificate accompanies the delivery note from the vessel. Buyers can access and extract catch certificates electronically. Fish is mainly sold through auctions. All transactions are done through the client, logged and publicly available. All relevant information on catch is provided to the client on a pre-delivery note. Vessels complete the pre-filled delivery note and set correct quantity and size distribution in accordance with requirements from DoF. After landing, the delivery note is signed electronically and sent to the

client for invoicing and settlement to fishermen. Purchaser name is included on the delivery note. The MSC Fishery certificate number is provided on invoices, and invoices are issued through the sales organizations. The fish changes ownership from vessel to processing plant, most often at the landing sites.

As regards the bycatch of saithe in the blue whiting fishery in ICES sub area I, II and IV:
-There is a 100 % overlap between "saithe industry trawl bycatch UoC" and the saithe certification UoC. According to Norges Sildelaget all saithe bycatch landed for consumption is from ICES sub-areas IIA1, IIA2, IVA and IVB. This is the area of operations where the targeted bycatch fishery takes place, so the risk of other fish entering chain of custody is negligible – see Table 35 & Table 36 below.

-The sales organization always have catch area as one of the variables for putting "MSC eligible" on the sales notes in their computer systems. Therefore; should there be saithe landed from the other UOC area for the blue whiting fishery e.g. ICES XI, it would never be identified as MSC eligible raw material in any sales documents.

Table 35 Bycatch of saithe in trawler vessels:

ICES sub areas	Quantity in kg.
IIa1	2.205
IIa2	25.535
IIIa	0
IVa	62.860
IVb	324
Vb1b	0
Vb2	0
VIa	0
VIb1	0
VIb2	0
VIIc1	0
VIIc2	0
VIIk1	0
VIIk2	0

Table 36 By catch of saithe only in trawler vessels with industry trawl licenses:

ICES sub areas	Quantity in kg.
IIa1	2.205
IIa2	22.047
IIIa	0
IVa	62.867
IVb	314
Vb1b	0
Vb2	0
VIa	0
VIb1	0
VIb2	0
VIIc1	0
VIIc2	0

VIIk1	0
VIIk2	0

At sea processing and trans-shipping

There is no trans-shipping in the Norway North East Arctic saithe fisheries. At-sea processing varies and is dependent on vessel. Certified products produced on-board vessels are: Live, fresh, frozen, salted and dried fish; filets and by-products (bellyflaps, heads, roe, liver and trimmings).

Traceability of product that goes into the production of fish oil and fishmeal cannot be met through the fishery certificate. Therefore, separate CoC certification is needed for those vessels that produce fish oil and fishmeal and wish to sell this as MSC certified products.

Points of landing

Landing sites are mainly in Norway, with inspections by DoF and sales organization as described above.

For products landed outside Norway, landing information is transmitted to Norwegian Authorities who cooperate with national control bodies at points of landing to ensure correct information.

5.2.1 Traceability risk factors

Table 37 Traceability risk factors within the fishery

Traceability Factor	Description of risk factor if present. Where applicable, a description of relevant mitigation measures or traceability systems (this can include the role of existing regulatory or fishery management controls)
Potential for non-certified gear/s to be used within the fishery	Low risk. The certificate covers the entire Norwegian fleet fishing for these species within the UoC.
Potential for vessels from the UoC to fish outside the UoC or in different geographical areas (on the same trips or different trips)	Low risk. The fishing grounds where the fishery takes place is Norwegian EEZ in ICES subareas 1 and 2. All Norwegian vessels are obliged to carry VMS on board and to log in the electronic logbook when the fishing operation begins. This data is monitored by the Directorate of Fisheries, who can distinguish not only where the vessels are but also if the vessels are fishing or not.
Potential for vessels outside of the UoC or client group fishing the same stock	High risk. The saithe stocks in the UoA are targeted by different fleets but within the agreed quotas. Therefore, the risk for vessels outside the client group fishing the same stock is high.
Risks of mixing between certified and non-certified catch during storage, transport, or handling activities (including transport at sea and on land, points of landing, and sales at auction)	Low risk. All fishing vessels are required to keep logbooks for the recording of fishing by species, gear and area. Sampling is done at the landing ports once the fish is landed. Landing ports of the fishery are mainly in Norway. Robustness of enforcement systems is expected to be high. The risk of mixing between certified and non-certified catch during storage, transport and handling activities is low.

Risks of mixing between certified and non-certified catch during processing activities (at-sea and/or before subsequent Chain of Custody)	Low risk. All Norwegian vessels targeting saithe pump the catch on- board into reception tanks. The risk of mixing with non-certified catch is non-existing at that moment as the certificate covers all Norwegian vessels fishing in the UoA. Mixture with non-certified catch would only occur if the vessel decided to travel outside the UoA waters but this is recorded in the logbooks/VMS and the catch must be stored and reported as non-certified.
Risks of mixing between certified and non-certified catch during transhipment	Low risk. Transhipment does not take place in this fishery This is monitored by the Directorate of Fisheries through the VMS.
Any other risks of substitution between fish from the UoC (certified catch) and fish from outside this unit (non-certified catch) before subsequent Chain of Custody is required	None identified.

5.3 Eligibility to Enter Further Chains of Custody

The resulting products of on-board processing, landed by Norwegian vessels involved in these fisheries, recorded by the Directorate of Fisheries and the sales organizations, and sold through or by approval from the sales organizations are eligible to enter further Chain of Custody. This includes the saithe bycatch in the blue whiting fishery in ICES subareas I and II (certified as a scope extension to the Norway Spring spawning herring fishery, certificate nr. MSC-F-61388 issued 09.01.2018).The list of vessels is updated at every assessment and is given in appendix 6 to this report. The scope of the MSC Fishery certification is up to the point of landing and Chain of Custody commences from the point of landing and sale.

The products included in the scope of certification are produced on-board the vessels and are: live, fresh, frozen, salted and dried fish; filets and by-products (bellyflaps, heads, tongues, cheeks, roe, liver and trimmings).

Traceability of product that goes into the production of fish oil and fishmeal cannot be met through the fishery certificate. Therefore, separate CoC certification is needed for those vessels that produce fish oil and fishmeal and wish to sell this into further chains of custody as MSC.

Table 38 Eligibility to enter further chains of custody

Conclusion and determination	The products included in the scope of certification are produced on-board the vessels and are: live, fresh, frozen, salted and dried fish; filets and by-products (bellyflaps, heads, tongues, cheeks, roe, liver and trimmings)
List of parties, or category of parties, eligible to use the fishery certificate and sell product as MSC certified	Norwegian vessels with valid licenses to fish saithe in Norwegian EEZ in ICES subareas 1 and 2. Annex 6 shows the list of vessels as of September2017. An update of the list of vessels is available at the Directorate of Fisheries upon request.
Point of intended change of ownership of product	Landing ports or fish auctions (sales organizations) where registration of landings is carried out and weights registered.

List of eligible landing points (if relevant)	Landing points and fish auctions (sales organizations)
Point from which subsequent Chain of Custody is required	The scope of the MSC Fishery certification is up to the point of landing and Chain of Custody commences from the point of landing and sale.

5.4 Eligibility of Inseparable or Practically Inseparable (IPI) stock(s) to Enter Further Chains of Custody

Inseparable or practically inseparable stock is not involved in this assessment.

6 EVALUATION RESULTS

6.1 Principle Level Scores

Table 39 Final Principle scores for [species] [per gear if multiple gears]

Principle	Danish seine	Purse seine	Hooks & Lines	Gillnets	Demersal trawls
Principle 1 – Target Species	98.8	98.8	98.8	98.8	98.8
Principle 2 – Ecosystem	87.3	93.7	87.3	87.3	85
Principle 3 – Management System	96	96	96	96	96

6.2 Summary of PI Level Scores

Fishery Assessment Scoring Worksheet version 1 - effective November 14, 2011

Norway North East Arctic saithe fishery Re-assessment 2017 (Assessment tree V1.3)

Prin-ciple	Component	PI No.	Performance Indicator (PI)	Danish Seine	Purse seine	Hooks & Lines	Gillnets	Demersal Trawlers
One	Outcome	1.1.1	Stock status	100				
		1.1.2	Reference points	100				
		1.1.3	Stock rebuilding	Not scored				
	Management	1.2.1	Harvest strategy	100				
		1.2.2	Harvest control rules & tools	90				
		1.2.3	Information & monitoring	100				
		1.2.4	Assessment of stock status	100				
Two	Retained species	2.1.1	Outcome	75	100	75		
		2.1.2	Management	75	100	75		
		2.1.3	Information	90	100	90		
	Bycatch species	2.2.1	Outcome	80				
		2.2.2	Management	95				
		2.2.3	Information	85				
	ETP species	2.3.1	Outcome	85		75		
		2.3.2	Management	90		85		
		2.3.3	Information	85				
	Habitats	2.4.1	Outcome	80	100			80
		2.4.2	Management	90	95			90
		2.4.3	Information	85	95			85
	Ecosystem	2.5.1	Outcome	100		80		
		2.5.2	Management	100				
		2.5.3	Information	95				
Three	Governance and policy	3.1.1	Legal & customary framework	100				
		3.1.2	Consultation, roles & responsibilities	100				
		3.1.3	Long term objectives	100				
		3.1.4	Incentives for sustainable fishing	100				
	Fishery specific management system	3.2.1	Fishery specific objectives	100				
		3.2.2	Decision making processes	100				
		3.2.3	Compliance & enforcement	100				
		3.2.4	Research plan	80				
		3.2.5	Management performance evaluation	80				
			Overall weighted Principle-level scores					
			Principle 1 - Target species	98,8				
			Principle 2 - Ecosystem	87,3	93,7	87,3	87,3	85
			Principle 3 - Management	96				

6.3 Summary of Conditions

Table 40 Summary of Conditions

Condition number	Condition	Performance indicator	Related to previously raised condition?
1	By the 4th surveillance audit client shall demonstrate that the NEA saithe fishery does not pose a risk of serious or irreversible harm to the coastal cod stock, and that it does not hinder its recovery.	2.1.1	N
2	By the 4th surveillance audit the client shall demonstrate that there is some objective basis for confidence that the Norwegian coastal cod rebuilding plan will effectively contribute to the rebuilding of the coastal cod stock. (this condition relates to previous condition 3 (on the 1st assessment for saithe), which was related to the recovery of coastal cod. Coastal cod is subject to a rebuilding management plan since 2008, and, although by 2014 the stock appeared to have more or less recovered, the biomass of coastal cod decreased again in 2015 and the following years, that's why the condition was closed and why it is now set again.)	2.1.2	Y
3	By the 4th surveillance audit the client shall demonstrate that the direct effects of the NEA saithe fishery (specifically with the hooks and lines, gillnets and demersal trawl UoCs) are highly unlikely to create unacceptable impacts to ETP species such as golden redfish.	2.3.1	N

There is also one recommendation for the NEA saithe fishery:

Table 41 Recommendation

PI 2.3.3.b	PI 2.3.3: Relevant information is collected to support the management of fishery impacts on ETP species, including: • Information for the development of the management strategy; • Information to assess the effectiveness of the management strategy; and Information to determine the outcome status of ETP species. b. Accurate and verifiable information is available on the magnitude of all impacts, mortalities and injuries and the consequences for the status of ETP species.
Recommendation 1	Given the numerous interactions recorded by the reference fleet, it is recommended that all encounters with the different identified ETP species are comprehensively recorded in an electronic database by all vessels in the UoA.

6.4 Determination, Formal Conclusion and Agreement

(REQUIRED FOR FR AND PCR)

1.	The report shall include a formal statement as to the certification determination recommendation reached by the Assessment Team about whether or not the fishery should be certified. *(Reference: FCR 7.16)*

(REQUIRED FOR PCR)

2.	The report shall include a formal statement as to the certification action taken by the CAB's official decision-makers in response to the Determination recommendation.

Draft determination with supporting rationale.

FR: Final determination

PCR: Formal statement from decision making entity]

The Norway North East Arctic saithe fishery achieved a score of 80 or more for each of the three MSC Principles, and did not score under 60 for any of the set MSC criteria.

Based on the evaluation of the fishery presented in this report the assessment team recommends the certification of the Norway North East Arctic saithe fishery including the bycatch of saithe in ICES sub-area I and II in the Norway blue whiting fishery for the client Norges Fiskarlag.

As the fishery achieved a score of below 80 against 3 scoring indicators, the assessment team has set 3 conditions for the continued certification that the client is required to address. The conditions are applicable to improve performance to at least the 80 level within the period set by the assessment team.

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APPENDIX 1 SCORING AND RATIONALES

Appendix 1.1 Performance Indicator Scores and Rationale

Principle 1

Evaluation Table for PI 1.1.1

PI 1.1.1		The stock is at a level which maintains high productivity and has a low probability of recruitment overfishing		
Scoring Issue		SG 60	SG 80	SG 100
a	**Guidepost**	It is likely that the stock is above the point where recruitment would be impaired.	It is highly likely that the stock is above the point where recruitment would be impaired.	There is a high degree of certainty that the stock is above the point where recruitment would be impaired.
	Met?	(Y)	(Y)	(Y)
	Justification	The stock is at a high level, **Error! Reference source not found.** This Figure also shows the confidence limits around the estimated SSB and Fishing mortality.SSB is well above B_{lim}. SG60 is met. The Correlation of variation is around 15%.The wer confidence limit of SSB is well above B_{lim}. SG80 and SG100 are met.		
b	**Guidepost**		The stock is at or fluctuating around its target reference point.	There is a high degree of certainty that the stock has been fluctuating around its target reference point, or has been above its target reference point, over recent years.
	Met?		(Y)	(Y)
	Justification	The MSY level is not defined. As a proxy B_{pa} is used and the stock has fluctuated at a level well above this level since 1998. SG80 is met. The stock has with a high degree of certainty – lower confidence limit well above B_{pa} – been above its target reference point. SG 100 is met.		
References		ICES (2017) NEA Saithe Advice ICES (2017) AFWG		

Stock Status relative to Reference Points			
	Type of reference point	**Value of reference point**	**Current stock status relative to reference point**
Target reference point	B_{pa} F_{pa}	220,000 t 0.35 per year	SSB (2018) = 454,042 t CV = 15% F (2017) = 0.24 per year
Limit reference point	B_{lim} F_{lim}	136,000 t 0.58 per year	

PI 1.1.1	The stock is at a level which maintains high productivity and has a low probability of recruitment overfishing
OVERALL PERFORMANCE INDICATOR SCORE:	**100**
CONDITION NUMBER (if relevant):	

Evaluation Table for PI 1.1.2

PI 1.1.2		Limit and target reference points are appropriate for the stock		
Scoring Issue		SG 60	SG 80	SG 100
a	Guidepost	Generic limit and target reference points are based on justifiable and reasonable practice appropriate for the species category.	Reference points are appropriate for the stock and can be estimated.	
	Met?	(Y)	(Y)	
	Justification	Reference points are defined for the stock, Table 14, SG60 is met. These are found to be appropriate for the stock at ICES assessments and reviewed at benchmarks, SG80 is met		
b	Guidepost		The limit reference point is set above the level at which there is an appreciable risk of impairing reproductive capacity.	The limit reference point is set above the level at which there is an appreciable risk of impairing reproductive capacity following consideration of precautionary issues.
	Met?		(Y)	(Y)
	Justification	The limit reference points are defined according to ICES standard procedures and are set above the level at which there is an appreciable risk of impairing reproductive capacity. SG80 and SG100 is met		
c	Guidepost		The target reference point is such that the stock is maintained at a level consistent with B_{MSY} or some measure or surrogate with similar intent or outcome.	The target reference point is such that the stock is maintained at a level consistent with B_{MSY} or some measure or surrogate with similar intent or outcome, or a higher level, and takes into account relevant precautionary issues such as the ecological role of the stock with a high degree of certainty.
	Met?		(Y)	(Y)
	Justification	The target reference points Bpa and Fpa is defined such that the stock is maintained at a level at or above the proxy for BMSY (Bpa). SG80 is met. The ecological role is considered in relation to the definition of the reference points and on the basis of extensive studies of the Barents Sea and Norwegian Sea ecosystems. SG100 is met.		

PI 1.1.2		Limit and target reference points are appropriate for the stock		
d	Guidepost		For key low trophic level stocks, the target reference point takes into account the ecological role of the stock.	
	Met?		(Not relevant)	
	Justification	Saithe is not a key LTL species.		
References		ICES (2005) ICES (2011) ICES (2017)		
OVERALL PERFORMANCE INDICATOR SCORE:				100
CONDITION NUMBER (if relevant):				

Evaluation Table for PI 1.1.3 (NOT RELEVANT- STOCK NOT DEPLETED)

Evaluation Table for PI 1.2.1

PI 1.2.1		There is a robust and precautionary harvest strategy in place		
Scoring Issue		SG 60	SG 80	SG 100
a	**Guidepost**	The harvest strategy is expected to achieve stock management objectives reflected in the target and limit reference points.	The harvest strategy is responsive to the state of the stock and the elements of the harvest strategy work together towards achieving management objectives reflected in the target and limit reference points.	The harvest strategy is responsive to the state of the stock and is designed to achieve stock management objectives reflected in the target and limit reference points.
	Met?	(Y)	(Y)	(Y)
	Justification	The harvest strategy is based on the Norwegian fishing law and aim at maintaining the Norwegian fish resources at sustainable levels. SG60 is met, The harvest strategy is based on annual assessments of the stock status and a management plan that takes this information into account. The management plan embeds precautionary and limit reference points. SG80 is met. The harvest strategy is designed to be responsive to the state of the stock through the harvest control rule, see section 3.3.5, and is through the embedded reference points designed to achieve stock management objectives reflected in the target and limit reference points. SG100 is met		
b	**Guidepost**	The harvest strategy is likely to work based on prior experience or plausible argument.	The harvest strategy may not have been fully tested but evidence exists that it is achieving its objectives.	The performance of the harvest strategy has been fully evaluated and evidence exists to show that it is achieving its objectives including being clearly able to maintain stocks at target levels.
	Met?	(Y)	(Y)	(Y)
	Justification	The harvest strategy has worked well for more than a decade and maintained the stock at or above target levels. SG60 is met. The stock development for more than a decade provide evidence that the strategy achieves its objectives. SG80 is met. The Harvest strategy has been fully tested both through simulation studies and by experience. SG100 is met.		
c	**Guidepost**	Monitoring is in place that is expected to determine whether the harvest strategy is working.		
	Met?	(Y)		
	Justification	There is an extensive monitoring programme established to support the annual assessment and hence the scientific advice, see section 3.3.3. SG60 is met		

PI 1.2.1		There is a robust and precautionary harvest strategy in place		
d	Guidepost			The harvest strategy is periodically reviewed and improved as necessary.
	Met?			(Y)
	Justification	The harvest strategy is reviewed through the Norwegian system and through the ICES system. The Norwegian system reviews the fishing laws at regular meetings and ICES reviews the harvest control rule and the assessment including the reference points through its benchmark programme. SG100 is met		
e	Guidepost	It is likely that shark finning is not taking place.	It is highly likely that shark finning is not taking place.	There is a high degree of certainty that shark finning is not taking place.
	Met?	(Not relevant)	(Not relevant)	(Not relevant)
	Justification	Saithe is not a shark		
References		ICES (2005) ICES (2011) ICES (2017) Information collected at the onsite visit at Fiskeridirektoratet		
OVERALL PERFORMANCE INDICATOR SCORE:				100
CONDITION NUMBER (if relevant):				

Evaluation Table for PI 1.2.2

PI 1.2.2		There are well defined and effective harvest control rules in place		
Scoring Issue		SG 60	SG 80	SG 100
a	**Guidepost**	Generally understood harvest rules are in place that are consistent with the harvest strategy and which act to reduce the exploitation rate as limit reference points are approached.	Well defined harvest control rules are in place that are consistent with the harvest strategy and ensure that the exploitation rate is reduced as limit reference points are approached.	
	Met?	(Y)	(Y)	
	Justification	The HCR is summarised in section 3.3.5. This is a well-defined HCR. SG60 is met There is a well-defined HCR for the NEA saithe fishery. This HCR has been evaluated by ICES and found to be precautionary. The plan includes a reduction of the fishing mortality should the stock fall below Bpa. SG80 is met.		
b	**Guidepost**		The selection of the harvest control rules takes into account the main uncertainties.	The design of the harvest control rules takes into account a wide range of uncertainties.
	Met?		(Y)	(N)
	Justification	The main uncertainties include survey uncertainties and concerns of the accuracy of the sample data for catches. These are considered at formulating the advice. However, the design of the HCR is based on the considerations of the saithe population dynamics and this is not considered by the assessment team as a 'wide range of uncertainties'. SG100 is not met.		
c	**Guidepost**	There is some evidence that tools used to implement harvest control rules are appropriate and effective in controlling exploitation.	Available evidence indicates that the tools in use are appropriate and effective in achieving the exploitation levels required under the harvest control rules.	Evidence clearly shows that the tools in use are effective in achieving the exploitation levels required under the harvest control rules.
	Met?	(Y)	(Y)	(Y)
	Justification	The tools that are implemented include the standard package of TAC (based on the HCR), minimum mesh size in the trawl, control of the capacity (licenses) closed areas, move-on rules related to catch of undersized saithe. The TAC is complied with and the fishing mortality is maintained below target (Ftarget=0.32, F(2017) = 0.28). Hence there is evidence that the tools used are appropriate and effective. SG80 is met. The evidence available from the stock status, **Error! Reference source not found.**Figure 3, demonstrates that that the tools in use are effective in achieving the exploitation levels required under the harvest control rules. SG100 is met.		
References		Management plan, section 3.3.5 ICES (2017) NEA Saithe advice		

PI 1.2.2	There are well defined and effective harvest control rules in place	
	Information collected at the on-site visit	
OVERALL PERFORMANCE INDICATOR SCORE:		**90**
CONDITION NUMBER (if relevant):		

Evaluation Table for PI 1.2.3

PI 1.2.3		Relevant information is collected to support the harvest strategy		
Scoring Issue		SG 60	SG 80	SG 100
a	**Guidepost**	Some relevant information related to stock structure, stock productivity and fleet composition is available to support the harvest strategy.	Sufficient relevant information related to stock structure, stock productivity, fleet composition and other data is available to support the harvest strategy.	A comprehensive range of information (on stock structure, stock productivity, fleet composition, stock abundance, fishery removals and other information such as environmental information), including some that may not be directly related to the current harvest strategy, is available.
	Met?	(Y)	(Y)	(Y)
	Justification	The population dynamics of NEA saithe is well documented, see f.ex. Jakobsen and Ozhigin (2011) SG60 is met The fleet structure is well documented The information is sufficient to support the harvest strategy. SG 80 is met. The information is comprehensive including studies of the saithe role in the Norwegian Sea and Barents Sea ecosystems. There are significant studies ongoing on the environmental and ecosystem structure which is outside the direct needs of the saithe management.SG100 is met.		
b	**Guidepost**	Stock abundance and fishery removals are monitored and at least one indicator is available and monitored with sufficient frequency to support the harvest control rule.	Stock abundance and fishery removals are regularly monitored at a level of accuracy and coverage consistent with the harvest control rule, and one or more indicators are available and monitored with sufficient frequency to support the harvest control rule.	All information required by the harvest control rule is monitored with high frequency and a high degree of certainty, and there is a good understanding of inherent uncertainties in the information [data] and the robustness of assessment and management to this uncertainty.
	Met?	(Y)	(Y)	(Y)
	Justification	The fisheries statistic systems are well developed and all removals are well documented. There are annual abundance survey indicators available. SG60 is met. The data collected are consistent with the needs defined by the harvest control rule. SG80 is met. The fisheries statistics and the abundance surveys meets 'best available scientific practise' standards. The robustness of the assessment is tested through the ICES benchmarks the most recent is from 2014. Management has demonstrated that it can handle the decrease observed around 2013. SG100 is met.		
c	**Guidepost**		There is good information on all other fishery removals from the stock.	
	Met?		(Y)	

PI 1.2.3		Relevant information is collected to support the harvest strategy
	Justification	The fisheries statistics programme covers all fleets that fish NEA saithe. SG80 is met.
References		Skjoldal Hein Rune (2004) The Norwegian sea Ecosystem, Tapir academic Press Jakobsen T. and Ozhigin V.K. (2011) The Barents Sea: Ecosystem, resources, management: Half a century of Russian-Norwegian cooperation. Tapir academic Press
OVERALL PERFORMANCE INDICATOR SCORE:		100
CONDITION NUMBER (if relevant):		

Evaluation Table for PI 1.2.4

PI 1.2.4		There is an adequate assessment of the stock status		
Scoring Issue		SG 60	SG 80	SG 100
a	Guidepost		The assessment is appropriate for the stock and for the harvest control rule.	The assessment is appropriate for the stock and for the harvest control rule and takes into account the major features relevant to the biology of the species and the nature of the fishery.
	Met?		(Y)	(Y)
	Justification	The assessment is based on the SAM methodology, a state-space framework that is an age-based analytical assessment (ICES, 2017) that uses landings in the model and in the forecast. The stock assessment was benchmarked latest in 2014 and the assessment approach was found to be 'best scientific practise' and is appropriate for the HCR. The SAM framework provides estimates including confidence limits of these estimates. SG80 is met. The assessment takes into account the major features of the stock dynamics and biology, in particular the stock delineation. The assessment is based a good understanding of the fishery. SG100 is met.		
b	Guidepost	The assessment estimates stock status relative to reference points.		
	Met?	(Y)		
	Justification	There are reference points available for this stock, see Table 14, The advice is provided relative to these reference points. The HCR are built on the same reference points. SG60 is met.		
c	Guidepost	The assessment identifies major sources of uncertainty.	The assessment takes uncertainty into account.	The assessment takes into account uncertainty and is evaluating stock status relative to reference points in a probabilistic way.
	Met?	(Y)	(Y)	(Y)
	Justification	The assessment defines the major sources of uncertainty, ICES (2017) on quality of the assessment and further in AFWG (2017). SG60 is met. The assessment takes these factors into account through the SAM model. SG80 is met. The output of the SAM model includes confidence limits for the estimates. SG100 is met.		
d	Guidepost			The assessment has been tested and shown to be robust. Alternative hypotheses and assessment approaches have been rigorously explored.
	Met?			(Y)

PI 1.2.4		There is an adequate assessment of the stock status		
	Justification	The assessment has been through ICES benchmarks latest in 2014. SG100 is met.		
e	Guidepost		The assessment of stock status is subject to peer review.	The assessment has been internally and externally peer reviewed.
	Met?		(Y)	(Y)
	Justification	The assessment passes the ICES WG (AFWG) which includes a peer review. SG80 is met. The assessment is further checked through the ICES ACOM machinery and finally through the ICES benchmark including external experts. SG100 is met.		
References		ICES (2014) ICES(2017) NEA saithe advice		
OVERALL PERFORMANCE INDICATOR SCORE:				100
CONDITION NUMBER (if relevant):				

Principle 2

Evaluation Table for PI 2.1.1

PI 2.1.1		The fishery does not pose a risk of serious or irreversible harm to the retained species and does not hinder recovery of depleted retained species		
Scoring Issue		SG 60	SG 80	SG 100
a	Guidepost	Main retained species are likely to be within biologically based limits (if not, go to scoring issue c below).	Main retained species are highly likely to be within biologically based limits (if not, go to scoring issue c below).	There is a high degree of certainty that retained species are within biologically based limits and fluctuating around their target reference points.
	Danish seine	N (because of coastal cod)	N (because of coastal cod)	N
	Purse seine	Y	Y	Y
	Hooks and lines	N (because of coastal cod)	N (because of coastal cod)	N
	Gillnets	N (because of coastal cod)	N (because of coastal cod)	N
	Demersal trawlers	N (because of coastal cod)	N (because of coastal cod)	N

PI 2.1.1	The fishery does not pose a risk of serious or irreversible harm to the retained species and does not hinder recovery of depleted retained species		
Justification	The team considers that there are are no main not minor retained species to consider for the purse seine UoC, as 99.93% of the catch is the targeted saithe. SG100 is met for the purse seine UoC. As regards all other UoCs, main retained species to consider are cod and haddock. It has not been possible for the team to determine if the cod taken by the fleet is coastal cod or not. Therefore, both stocks will be considered in the assessment. Minor retained species to consider for all other UoCs are Greenland halibut, tusk, ling, monkfish and beaked redfish. Main retained species: Cod: The spawning-stock biomass (SSB) has been above MSY Btrigger since 2002, and reaches values that double BMSY. SG100 is met for cod. Coastal cod: The survey estimate in 2015 is close to the lowest value in the time-series and well below the rebuilding biomass set in the Norwegian Rebuilding Plan. SSB is below (nearly half) of the estimated BMSY. Fishing mortality is above FMSY. SG60 and SG80 are not met. Go to SIc. Haddock: SSB has been above MSY Btrigger since 1989, and is at present well above BMSY. Fishing mortality (F) has been below FMSY since 2008. SG100 is met for haddock. Minor retained species: Greenland halibut: There are no reference points for the stock. However, the fishable biomass (above 45 cm) is above Bpa. SG100 is met. Tusk: There are no reference points for the stock and information is limited. SG100 is not met. Ling: There are no biological reference points. The Index ratio is above 1, showing that Fishing mortality is below FMSY. SG100 is met. Monkfish: There are no reference points for the stock. Information is limited. SG100 is not met. Beaked redfish: There are no reference points for the stock. SSB increased from 1995 to 2005 and has been stable since then. Fishing mortality is low. SG100 is met. As Coastal cod is a main retained species for all UoC, SG60 is not met for any UoC apart from the purse seine UoC, which has no associated retained species and reaches SG100.		

Scoring element	SG60	SG80	SG100
Cod	Y	Y	Y
Coastal cod	N	N	N
Haddock	Y	Y	Y
Ling	N/A	N/A	Y
Greenland halibut	N/A	N/A	N
Tusk	N/A	N/A	N
Monkfish	N/A	N/A	N
Beaked redfish	N/A	N/A	N

b	Guidepost			Target reference points are defined for retained species.
	Danish seine			N
	Purse seine			N/A (Y)
	Hooks and lines			N

PI 2.1.1		The fishery does not pose a risk of serious or irreversible harm to the retained species and does not hinder recovery of depleted retained species		
	Gillnets			N
	Demersal trawlers			N
	Justification	There are no retained species for the purse seine UoCs. SG100 is met for this UoC. As for the retained species is other UoCs: Cod: Target reference points are defined for the stock. SG100 is met. Coastal cod: Target reference points are not defined for the stock. SG100 is not met. Haddock: Target reference points are defined for the stock. SG100 is met. Greenland halibut: Target reference points are not defined for the stock. SG100 is not met. Tusk: Target reference points are not defined for the stock. SG100 is not met. Ling: Target reference points are not defined for the stock. SG100 is not met. Monkfish: Target reference points are not defined for the stock. SG100 is not met. Beaked redfish: Target reference points are not defined for the stock. SG100 us not met. SG100 is not met for the Danish seine, hooks and lines, gillnets and demersal trawls UoC, as the target reference points are not defined for the different retained species.		
c	**Guidepost**	If main retained species are outside the limits there are measures in place that are expected to ensure that the fishery does not hinder recovery and rebuilding of the depleted species.	If main retained species are outside the limits there is a partial strategy of demonstrably effective management measures in place such that the fishery does not hinder recovery and rebuilding.	
	Danish seine	Y	N	
	Purse seine	N/A	N/A	
	Hooks and lines	Y	N	
	Gillnets	Y	N	
	Demersal trawlers	Y	N	

PI 2.1.1		The fishery does not pose a risk of serious or irreversible harm to the retained species and does not hinder recovery of depleted retained species		
	Justification	Cod: N/A Coastal cod: The coastal cod stock is under a Norwegian coastal cod Rebuilding Plan, intended "*to rebuild the stock complex to full reproductive capacity, as well as to give sufficient protection to local stock components. Until a biologically founded rebuilding target is defined, the stock complex will only be regarded as restored when the survey index of spawning stock in two successive years is observed to be above 60 000 tons*". Although the Rebuilding Plan can be considered as a strategy for the rebuilding of the coastal cod stock, the fact that it was implemented in 2009 with limited results yet rests confidence in its effectiveness. Besides, a Recovery Plan was first set in 2004. At present catches are higher than the ICES advice. SG80 is not met. Haddock: N/A SG60 is met for the different UoCs as it is expected that the Coastal cod rebuilding plan will later or sooner succeed in bringing the stock back to safer status, as it did with the North Sea cod stock, which was in a similar situation in the recent past. Besides, ICES evaluated the Norwegian Sea coastal cod rebuilding plan in 2010 and considered it to be consistent with the precautionary approach. SG60 is met for coastal cod.		
d	Guidepost	If the status is poorly known there are measures or practices in place that are expected to result in the fishery not causing the retained species to be outside biologically based limits or hindering recovery.		
	Danish seine	N/A (Y)		
	Purse seine	N/A		
	Hooks and lines	N/A (Y)		
	Gillnets	N/A (Y)		
	Demersal trawlers	N/A (Y)		
	Justification	The status of main retained species is known. SG60 is not applicable.		
References		ICES 2017 advice for cod in subareas I and II ICES 2017 advice for coastal cod in subareas I and II ICES 2017 advice for haddock in subareas I and II ICES 2017 advice for Greenland halibut in subareas I and II ICES 2017 advice for tusk in subareas I and II ICES 2017 advice for ling in subareas I and II ICES 2017 advice for anglerfish in subareas I and II ICES 2017 advice for beaked redfish in subareas I and II		

PI 2.1.1	The fishery does not pose a risk of serious or irreversible harm to the retained species and does not hinder recovery of depleted retained species
Scoring elements:	

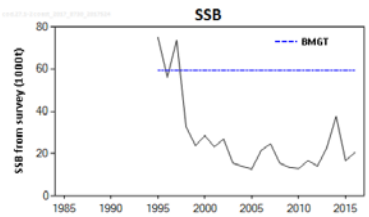
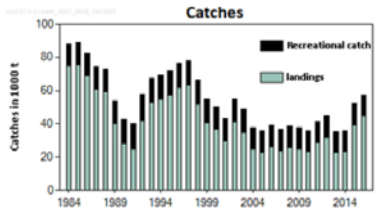
Scoring element	SG60	SG80	SG100
Cod	Y	Y	Y
Coastal cod	Y	N	N
Haddock	Y	Y	Y
Ling	N/A	N/A	N
Greenland halibut	N/A	N/A	N
Tusk	N/A	N/A	N
Monkfish	N/A	N/A	N
Beaked redfish	N/A	N/A	N

OVERALL PERFORMANCE INDICATOR SCORE: Danish seine UoC	**75**
OVERALL PERFORMANCE INDICATOR SCORE: Purse seine UoC	**100**
OVERALL PERFORMANCE INDICATOR SCORE: Hooks and lines UoC	**75**
OVERALL PERFORMANCE INDICATOR SCORE: Gillnets UoC	**75**
OVERALL PERFORMANCE INDICATOR SCORE: Demersal trawls UoC	**75**
CONDITION NUMBER (if relevant): For all UoC with the exception of purse seine UoCs	**COND 1**

Evaluation Table for PI 2.1.2

PI 2.1.2		There is a strategy in place for managing retained species that is designed to ensure the fishery does not pose a risk of serious or irreversible harm to retained species		
Scoring Issue		SG 60	SG 80	SG 100
a	**Guidepost**	There are measures in place, if necessary, that are expected to maintain the main retained species at levels which are highly likely to be within biologically based limits, or to ensure the fishery does not hinder their recovery and rebuilding.	There is a partial strategy in place, if necessary, that is expected to maintain the main retained species at levels which are highly likely to be within biologically based limits, or to ensure the fishery does not hinder their recovery and rebuilding.	There is a strategy in place for managing retained species.
	Danish seine	Y	Y	Y
	Purse seine	Y	Y	Y
	Hooks and lines	Y	Y	Y
	Gillnets	Y	Y	Y
	Demersal trawls	Y	Y	Y
		Both the Norwegian Marine Resources Act and the European Common Fisheries Policy are established strategies which should address all main impacts of the fishery on the ecosystem. Both strategies base their measures on data gathered through different research institutions, including ICES advice on fish stocks. Besides, Norway has developed a suite of regional seas management plans (for the Barents Sea, the Norwegian Sea, and the North Sea and Skagerrak Sea) that are aimed at monitoring and safeguarding the status of the marine environment. Main retained species for most UoCs are cod, coastal cod and haddock. The good stock status for the NEA cod and haddock stocks (as described in PI 2.1.1.a) makes it unnecessary to have specific management measures for these stocks. However, the poor condition of the coastal cod status has led to the implementation of management measures which affect to both cod stocks. Coastal cod is fished throughout the year and within nearly the entire distribution area inside the 12 nm zone in the Norwegian EZ. The main fishery takes place in the first half of the year and the main fishing areas are the coast from Varangerfjord in the north and southwards to Lofoten. The TAC for Norwegian cod is a combined TAC for both the stock of NEA cod and the stock of coastal cod. There are no separated quotas for the coastal cod, and the catches of coastal cod are therefore not effectively restricted by quotas. Coastal cod is mostly fished in a mixed fishery together with NEA cod, and the aim of the regulatory measures for coastal cod are moving parts of the traditional coastal fishery from the catching of coastal cod in the outer parts of the fjords and the inshore areas, to a cod fishery outside these areas, where the proportions of northeast Arctic cod is higher and coastal cod is lower. Most regulatory measures for NEA cod also applies for coastal cod; such as minimum catch size, minimum mesh size, maximum bycatch of undersized fish, closure of areas having high densities of undersized fish and in addition some seasonal and other area restrictions. The use of sorting grid is mandatory for all trawl fisheries.		

PI 2.1.2		There is a strategy in place for managing retained species that is designed to ensure the fishery does not pose a risk of serious or irreversible harm to retained species		
	Justification	Since 2004 there are different management measures in place directed to the protection of coastal cod. In 2004: - fjord lines are drawn along the coast to close to the fjords for direct cod fishing. The Danish seine is banned within the lines, however there is an exemption for vessels smaller than 15 m. - trawling becomes banned inside the 6 nautical miles line, with a dispensation between the 4-6mile line in certain areas. - a box closed to all fishing gears in outside Henningsvær, Lofoten area In 2007: - Pelagic gillnets get banned inside the fjord lines. - The permited bycatch of cod is reduced from 25 to 5% inside the fjord lines, and from 25 to 20% outside the fjord lines. In 2009: - The most important spawning area in the southern part (Borgundfjorden near Ålesund) is closed for all gears, except for hand line and fishing rods. In 2010: - 7000 tonnes of the Norwegian cod quota are set aside to cover catches in recreational /tourist fisheries. In 2011: - Trawling becomes banned inside the 6 nm line in all areas. - Recreational fisheries get restricted by: - the maximum gillnet length per person gets reduced from 210 m to 165 m - the allowance for selling cod per person gets reduced from 2000 kg to 1000 kg per year. A minimum landing size for cod (44 cm) in implemented to recreational and tourist fishing. In 2012: - Vessels under 11 m length are now allowed inside the closed area of Henningsvær-Svolvær - Recreational gillnets mesh size gets regulated by a minimum mesh size (126 mm full mesh). In 2013: - Vessels above 15 m get banned from fishing inside the fjord lines. The team considers that there is a strategy directed to the protection of coastal cod. SG80 is met by coastal cod (and therefore by all UoCs). There are also minor retained species to consider. These are: Greenland halibut, tusk, ling, monkfish and beaked redfish. There are specific directed measures to avoid juvenile bycatch of redfish. The team considers that the specific and generic implemented measures, such as gear and mesh size regulations, along with the allocation of quotas, the establishment of fishing seasons, move on rules, seasonal area closures and protected areas are sufficient to be considered as a strategy for managing all retained species. SG100 is met for all UoCs.		
b	Guidepost	The measures are considered likely to work, based on plausible argument (e.g., general experience, theory or comparison with similar fisheries/species).	There is some objective basis for confidence that the partial strategy will work, based on some information directly about the fishery and/or species involved.	Testing supports high confidence that the strategy will work, based on information directly about the fishery and/or species involved.
	Danish seine	Y	N	N

PI 2.1.2		There is a strategy in place for managing retained species that is designed to ensure the fishery does not pose a risk of serious or irreversible harm to retained species		
	Purse seine	Y	Y	Y
	Hooks and lines	Y	N	N
	Gillnets	Y	N	N
	Demersal trawls	Y	N	N
	Justification	Direct information about the purse seine fishery (showing a clean catch composition where all landings are the targeted specie) confirms that the fishing strategy itself can be considered as a tested strategy that ensures that the purse seine fishery does not pose a risk of serious harm to retained species. SG100 is met by the purse seine UoC. All other gears have cod (NEA cod and coastal cod) and haddock as main retained species. The status of coastal cod requires of specific management measures, some of which have been implemented for more than 10 years now. And although the coastal cod stock shows some signs of recovery over the years, these are sporadic and short lasting, and catches continue to be at the same levels as in 2004, exceeding ICES Advice. SG80 is not met for coastal cod and all UoCs catching coastal cod. SSB (trend)  Catches (trend)  The records on landings, the monitoring of the different species and the scientific advice given for the different stocks serve to give confidence that the measures are likely to work, at least for the other retained species. As regards coastal cod, the success of the cod recovery in the North Sea after the implementation of the Cod Management Plan provide sufficient confidence that the Rebuilding Plan is likely to work. SG60 is met for coastal cod and for all UoCs catching coastal cod.		
c	**Guidepost**		There is some evidence that the partial strategy is being implemented successfully.	There is clear evidence that the strategy is being implemented successfully.
	Danish seine		Y	Y
	Purse seine		Y	Y
	Hooks and lines		Y	Y
	Gillnets		Y	Y
	Demersal trawls		Y	Y

PI 2.1.2		There is a strategy in place for managing retained species that is designed to ensure the fishery does not pose a risk of serious or irreversible harm to retained species		
	Justification	There is clear evidence that the strategy is successfully implemented, as confirmed by conversations with the Norwegian Ministry of Fisheries. There are control measures covering fleet effort, gear types and sizes, landings, quotas and permanent and temporary area closures. All UoCs meet SG100.		
d	Guidepost			There is some evidence that the strategy is achieving its overall objective.
	Danish seine			N
	Purse seine			Y
	Hooks and lines			N
	Gillnets			N
	Demersal trawls			N
	Justification	There is evidence that the strategy has been implemented, however after more than 10 years the coastal cod stock continues to be in a poor status. SG100 is not met for UoCs catching cod. As regards the purse seine UoC, the lack of retained species other than the targeted saithe, serves to grant SG100, as there is evidence that the fishing strategy is not hindering the recovery of any other species. SG100 is met for the purse seine UoC.		
e	Guidepost	It is likely that shark finning is not taking place.	It is highly likely that shark finning is not taking place.	There is a high degree of certainty that shark finning is not taking place.
	All UoCs	Not relevant	Not relevant	Not relevant
	Justification	No retained species are sharks.		
References		Directorate of Fisheries personal comments. Landing records. http://www.fiskeridir.no/ (with management measures) https://www.sildelaget.no/ (with allocated quotas) http://www.fisheries.no/ (with fishing regulations) http://www.fiskeridir.no/English/Fisheries/Real-Time-Closure-RTC http://www.fiskeridir.no/Yrkesfiske/Dokumenter/Hoeringer/Hoering-om-fjordlinjer-og-redskapsbegrensninger http://www.ices.dk/sites/pub/Publication%20Reports/Advice/2010/Special%20Requests/Norway%20NCC%20plan.pdf		

PI 2.1.2	There is a strategy in place for managing retained species that is designed to ensure the fishery does not pose a risk of serious or irreversible harm to retained species
OVERALL PERFORMANCE INDICATOR SCORE: Danish seine UoC	75
OVERALL PERFORMANCE INDICATOR SCORE: Purse seine UoC	100
OVERALL PERFORMANCE INDICATOR SCORE: Hooks and lines UoC	75
OVERALL PERFORMANCE INDICATOR SCORE: Gillnets UoC	75
OVERALL PERFORMANCE INDICATOR SCORE: Demersal trawl UoC	75
CONDITION NUMBER (if relevant): Condition on coastal cod for all UoC (Not for purse seine UoCs).	COND 2

Evaluation Table for PI 2.1.3

PI 2.1.3		Information on the nature and extent of retained species is adequate to determine the risk posed by the fishery and the effectiveness of the strategy to manage retained species		
Scoring Issue		SG 60	SG 80	SG 100
a	Guidepost	Qualitative information is available on the amount of main retained species taken by the fishery.	Qualitative information and some quantitative information are available on the amount of main retained species taken by the fishery.	Accurate and verifiable information is available on the catch of all retained species and the consequences for the status of affected populations.
	Danish seine	Y	Y	N
	Purse seine	Y	Y	Y
	Hooks and lines	Y	Y	N
	Gillnets	Y	Y	N
	Demersal trawls	Y	Y	N
	Justification	The landing obligation, which was implemented in 1987, serves to provide quantitative information on the impacts of the fishery in all affected species. Removals by other countries in the area are also known by the relevant management institutions. The impact of the fishery with respect to stock status can be easily evaluated for those species that are evaluated by ICES on an annual basis (such as NEA cod, coastal cod, haddock, Greenland halibut, tusk, ling and beaked redfish). There is limited information as regards if the cod taken by the fleet is NEA cod or coastal cod and the redfish taken by the fleet is beaked or golden redfish. Besides, there is no advice for the monkfish stock, and some species for which there is ICES advice haven't got defined reference points (such as Greenland halibut, tusk, ling, and beaked redfish). The team considers that there is sufficient qualitative and quantitative information on the amount of main retained species taken by the fishery, however this information is not accurate enough to estimate the consequences for the status of all affected populations. SG80 is met by all UoCs. The purse seine fleet benefits from very clean catch composition with no retained species to consider. Therefore, the consequences of the purse seine fishery on other retained species can be estimated to be nil. SG100 is met for the purse seine UoCs.		
b	Guidepost	Information is adequate to qualitatively assess outcome status with respect to biologically based limits.	Information is sufficient to estimate outcome status with respect to biologically based limits.	Information is sufficient to quantitatively estimate outcome status with a high degree of certainty.
	Danish seine	Y	Y	N
	Purse seine	Y	Y	Y
	Hooks and lines	Y	Y	N
	Gillnets	Y	Y	N
	Demersal trawls	Y	Y	N

PI 2.1.3		Information on the nature and extent of retained species is adequate to determine the risk posed by the fishery and the effectiveness of the strategy to manage retained species		
	Justification	There are no main retained species for the purse seine UoC. For other UoCs, main retained species are NEA cod, coastal cod and haddock. For those species subject to ICES advice and where reference points are defined (such as NEA cod, coastal cod and haddock) there is sufficient information to quantitatively estimate outcome status with a high degree of certainty. SG80 is met by all UoCs. As regards minor retained species such as Greenland halibut, tusk, ling, monkfish and redfish, the lack of reference points makes it difficult to assess outcome status with respect to biologically based limits. As all UoC have some of these minor retained species in their catch composition, the team concludes that SG100 is not met for the Danish seine, hooks and lines, gillnets and demersal trawl UoCs. The purse seine UoC benefits from not having retained species to consider. SG100 is met by the purse seine UoC.		
c	Guidepost	Information is adequate to support measures to manage main retained species.	Information is adequate to support a partial strategy to manage main retained species.	Information is adequate to support a strategy to manage retained species, and evaluate with a high degree of certainty whether the strategy is achieving its objective.
	Danish seine	Y	Y	Y
	Purse seine	Y	Y	Y
	Hooks and lines	Y	Y	Y
	Gillnets	Y	Y	Y
	Demersal trawls	Y	Y	Y
	Justification	Landing statistics since the implementation of the Norwegian landing obligation can provide trends of the landings of the different retained species in the catch composition and the areas where these species are more abundant. On general terms, the evaluation of how new management measures serve to manage retained species can be done by comparing landing statistics before and after the implementation of the different management measures. Besides, the status of the different stocks present in the catch composition is studied by research institutions such as ICES, IMR and also by PINRO (for those stocks in the Barents Sea waters). Special attention is paid to the coastal cod stock due to its poor stock status. Specifically, the Directorate of Fisheries started in 2009 a process of mapping resources and fisheries which takes place in the inshore area along the coast of Norway. The information generated through this process is based on interviews with experienced fishermen with the aim to detect spawning and feeding grounds as well as migrations routes, coral areas etc. Many of these areas has been verified by the IMR, which in turn has led to minor adjustments of the Fjordlines. Since 1995, the IMR has each autumn been monitoring the stock of coastal cod in an acoustic trawl survey along the Norwegian coast from the Russian border south to the 62º N, thus obtain estimates on fluctuations in the size of the spawning stock and the composition of age groups. SG100 is met by all UoCs.		

PI 2.1.3		Information on the nature and extent of retained species is adequate to determine the risk posed by the fishery and the effectiveness of the strategy to manage retained species		
d	Guidepost		Sufficient data continue to be collected to detect any increase in risk level (e.g. due to changes in the outcome indicator score or the operation of the fishery or the effectiveness of the strategy)	Monitoring of retained species is conducted in sufficient detail to assess ongoing mortalities to all retained species.
	Danish seine		Y	Y
	Purse seine		Y	Y
	Hooks and lines		Y	Y
	Gillnets		Y	Y
	Demersal trawls		Y	Y
	Justification	The monitoring by the IMR and the mapping of key areas along the coast, is an ongoing process. Besides, the implementation of the landing obligation and the statistics associated serve to monitor ongoing mortalities of all retained species. All records are subject to scrutiny by the Directorate of Fisheries who follows up catches and quotas. SG100 is met by all UoCs.		
References		Directorate of Fisheries personal comments. Landing records. http://www.fiskeridir.no/ (with management measures) https://www.sildelaget.no/ (with allocated quotas) http://www.fisheries.no/ (with fishing regulations) http://www.fiskeridir.no/English/Fisheries/Real-Time-Closure-RTC http://www.fiskeridir.no/Yrkesfiske/Dokumenter/Hoeringer/Hoering-om-fjordlinjer-og-redskapsbegrensninger http://www.ices.dk/sites/pub/Publication%20Reports/Advice/2010/Special%20Requests/Norway%20NCC%20plan.pdf ICES 2017 advice for cod in subareas I and II ICES 2017 advice for coastal cod in subareas I and II ICES 2017 advice for haddock in subareas I and II ICES 2017 advice for Greenland halibut in subareas I and II ICES 2017 advice for tusk in subareas I and II ICES 2017 advice for ling in subareas I and II ICES 2017 advice for anglerfish in subareas I and II ICES 2017 advice for beaked redfish in subareas I and II		

OVERALL PERFORMANCE INDICATOR SCORE: Danish seine	**90**
OVERALL PERFORMANCE INDICATOR SCORE: Purse seine	**100**
OVERALL PERFORMANCE INDICATOR SCORE: Hooks and lines	**90**
OVERALL PERFORMANCE INDICATOR SCORE: Gillnets	**90**
OVERALL PERFORMANCE INDICATOR SCORE: Demersal trawls	**90**

PI 2.1.3	Information on the nature and extent of retained species is adequate to determine the risk posed by the fishery and the effectiveness of the strategy to manage retained species	
CONDITION NUMBER (if relevant):		N/A

Evaluation Table for PI 2.2.1

PI 2.2.1		The fishery does not pose a risk of serious or irreversible harm to the bycatch species or species groups and does not hinder recovery of depleted bycatch species or species groups		
Scoring Issue		SG 60	SG 80	SG 100
a	Guidepost	Main bycatch species are likely to be within biologically based limits (if not, go to scoring issue b below).	Main bycatch species are highly likely to be within biologically based limits (if not, go to scoring issue b below).	There is a high degree of certainty that bycatch species are within biologically based limits.
	Danish seine	Y	Y	N
	Purse seine	Y	Y	N
	Hooks and lines	Y	Y	N
	Gillnets	Y	Y	N
	Demersal trawls	Y	Y	N

PI 2.2.1	The fishery does not pose a risk of serious or irreversible harm to the bycatch species or species groups and does not hinder recovery of depleted bycatch species or species groups
Justification	Since the implementation of the landing obligation in Norway in 1987, discarding is not permitted. In practice this means that all commercial species are landed and recorded on sales slips, but non-commercial species and small individuals of commercial species may still be discarded. Besides, Regulation J-250-2013 obliges to the discarding of certain shark species as long as they are alive, in order to minimise their mortality. Unfortunately, there are no records by the commercial fleet about the identification or number of individuals released every year, so there is no option to measure trends of these interactions. Non-fatal interactions with marine mammals or birds are not recorded either. There is no formal observer programme, so there are no direct observations on the level of discarding or the species composition of discards from the Norwegian fleet. However, there is information available regarding the expected catch composition of the different fishing gears thanks to the research undertaken by the IMR reference fleet. Crew members in the reference fleet vessels record all interactions, including those with released individuals. The data gathered through the reference fleet is sufficient to estimate which could be the main and minor bycatch species in the Norwegian NEA saithe fishery. Data collected in 2016 shows that, when quantities are compared to landing per gear type, there are no main bycatch species to consider for any UoC. SG80 is met by default by all gear types. There is however a wide range of minor bycatch species for the different gear types in the reference fleet North of 62ºN, including numerous shakes, rays and sharks, and some birds and marine mammals. The majority of inter-actions were with the gillnet and hooks and lines fleets: - For the 5 vessels in the Danish seine reference fleet: 1 Thornback skate (*Raja clavata*), 1 spotted ray (*Raja montagui*), 4 starry ray (*Amblyraja radiata*). - For the 3 vessels in the purse seine reference fleet there are no bycatch species. - For the 10 vessels in the hooks and lines reference fleet: 838 starry ray (*Amblyraja radiata*), 58 spinetail (*Bathyraja spinicauda*), 736 velvet belly (*Etmopterus spinax*), 370 blackmouth dogfish (*Galeus melastomus*), 9 European herring gull (*Larus argentatus*), 2 great blackbacked gull (*Larus marinus*), 112 round ray (*Raja fyllae*), 19 Arctic skate (*Amblyraja hyperborea*), 2 sail ray (*Rajella lintea*), 300 unidentified skates, 1 small spotted catfish. - For the 26 vessels in the gillnet reference fleet (21 coastal vessels and 5 offshore vessels): Bycatch interactions: 49 harbour porpoise *(Phocoena phocoena*), 7 starry skate (*Amblyraja radiata*), 2 European herring gull (*Larus argentatus*), 31 Northern gannet (Morus bassanus), 1 Black guillemot (*Cepphus grille*), 2 tope shark (*Galeorhinus galeus*), 2 spinetail (*Bathyraja spinicauda*), 7 grey seal (*Halichoerus grypus*), 8 sail ray (Rajella lintea), 1100 blackmouth dogfish (*Galeus melastomus*), 2 Greenland shark (Somniosus microcephalus), 516 starry ray (*Amblyraja radiata*), 426 thornback skate (*Raja clavata*), 307 sandy ray (*Leucoraja circularis*), 2 cormorants (*Phalacrocoracidae spp.*), 217 small spotted catfish (*Scyliorhinus canicula*), 148 longnosed skate (*Dipturus oxyrinchus*), 16 common harbour seal (*Phoca vitulina*), 300 velvet belly (*Etmopterus spinax*) and 4 eider ducks. - For the 5 vessels in the trawling reference fleet: 26 skates (unidentified). There is limited information on the status or populations of all minor bycatch species, although certain research is undertaken and published by ICES. Due to the high number of minor bycatch species, the low proportion of each of them, and the limited information regarding their stock status, minor bycatch species have been grouped to facilitate their evaluation. Given the uncertainties both in the specific bycatch ratio per gear type and the status of the different bycatch species, SG100 is not met for any gear type.

PI 2.2.1		The fishery does not pose a risk of serious or irreversible harm to the bycatch species or species groups and does not hinder recovery of depleted bycatch species or species groups		
b	Guidepost	If main bycatch species are outside biologically based limits there are mitigation measures in place that are expected to ensure that the fishery does not hinder recovery and rebuilding.	If main bycatch species are outside biologically based limits there is a partial strategy of demonstrably effective mitigation measures in place such that the fishery does not hinder recovery and rebuilding.	
	Danish seine	N/A (Y)	N/A (Y).	
	Purse seine	N/A (Y)	N/A (Y)	
	Hooks and lines	N/A (Y)	N/A (Y)	
	Gillnets	N/A (Y)	N/A (Y)	
	Demersal trawls	N/A (Y)	N/A (Y)	
	Justification	There are no main bycatch species to consider.		
c	Guidepost	If the status is poorly known there are measures or practices in place that are expected to result in the fishery not causing the bycatch species to be outside biologically based limits or hindering recovery.		
	Danish seine	N/A (Y)		
	Purse seine	N/A (Y)		
	Hooks and lines	N/A (Y)		
	Gillnets	N/A (Y)		
	Demersal trawls	N/A (Y)		
	Justification	There are no main bycatch species to consider.		

PI 2.2.1	**The fishery does not pose a risk of serious or irreversible harm to the bycatch species or species groups and does not hinder recovery of depleted bycatch species or species groups**
References	Reference fleet data for vessels north 62ºN.

OVERALL PERFORMANCE INDICATOR SCORE: Danish seine	**80**
OVERALL PERFORMANCE INDICATOR SCORE: Purse seine	**80**
OVERALL PERFORMANCE INDICATOR SCORE: Hooks and lines	**80**
OVERALL PERFORMANCE INDICATOR SCORE: Gillnets	**80**
OVERALL PERFORMANCE INDICATOR SCORE: Demersal trawls	**80**
CONDITION NUMBER (if relevant):	**N/A**

Evaluation Table for PI 2.2.2

PI 2.2.2		There is a strategy in place for managing bycatch that is designed to ensure the fishery does not pose a risk of serious or irreversible harm to bycatch populations		
Scoring Issue		SG 60	SG 80	SG 100
a	**Guidepost**	There are measures in place, if necessary, that are expected to maintain the main bycatch species at levels which are highly likely to be within biologically based limits, or to ensure the fishery does not hinder their recovery and rebuilding.	There is a partial strategy in place, if necessary, that is expected to maintain the main bycatch species at levels which are highly likely to be within biologically based limits, or to ensure the fishery does not hinder their recovery and rebuilding.	There is a strategy in place for managing and minimizing bycatch.
	Danish seine	Y	Y	Y
	Purse seine	Y	Y	Y
	Hooks and lines	Y	Y	Y
	Gillnets	Y	Y	Y
	Demersal trawls	Y	Y	Y
	Justification	Data collected by the IMR reference fleet serves to support that there are no main bycatch species to consider. The implementation of the landing obligation in 1987 served to minimize the bycatch of the different commercial species, although certain discarding of non-commercial species is known to take place. Both IMR and the Ministry of Fisheries have shown no concerns as regards this practice, and consider the discarding to be minimal and with no significant detrimental effects for the different stocks. Mesh regulations and mandatory use of sorting grids in the trawl fishery should serve to avoid catch of small fish, and move on rules to avoid the continued catch of juvenile fish. Tori lines and pingers should serve to prevent interactions with seabirds and marine mammals. The team considers the landing obligation as a strategy for minimizing bycatch. SG100 is met by all UoCs.		
b	**Guidepost**	The measures are considered likely to work, based on plausible argument (e.g. general experience, theory or comparison with similar fisheries/species).	There is some objective basis for confidence that the partial strategy will work, based on some information directly about the fishery and/or species involved.	Testing supports high confidence that the strategy will work, based on information directly about the fishery and/or species involved.
	Danish seine	Y	Y	N
	Purse seine	Y	Y	N
	Hooks and lines	Y	Y	N
	Gillnets	Y	Y	N

PI 2.2.2		There is a strategy in place for managing bycatch that is designed to ensure the fishery does not pose a risk of serious or irreversible harm to bycatch populations		
	Demersal trawls	Y	Y	N
	Justification	The measures that have been in place for many years are known to be effective. The small proportion of non-commercial species in the catch composition of the reference fleet for the different gear types gives confidence that the strategy is working in avoiding the catch of these species. The high survival rate of Chondrichthyes after releasement also gives confidence that the strategy will work in not hindering the rebuilding of these species. All UoCs meet SG80. The lack of specific testing or research undertaken for each gear type and fishing area prevent the fishery from achieving SG100.		
c	**Guidepost**		There is some evidence that the partial strategy is being implemented successfully.	There is clear evidence that the strategy is being implemented successfully.
	Danish seine		Y	Y
	Purse seine		Y	Y
	Hooks and lines		Y	Y
	Gillnets		Y	Y
	Demersal trawls		Y	Y
	Justification	There is clear evidence that the strategy is successfully implemented, as confirmed by conversations with the Norwegian Ministry of Fisheries. There is a strong enforcement system covering fleet effort, gear types and mesh sizes, landings and permanent and temporary area closures. All UoCs meet SG100.		
d	**Guidepost**			There is some evidence that the strategy is achieving its overall objective.
	Danish seine			Y
	Purse seine			Y
	Hooks and lines			Y
	Gillnets			Y
	Demersal trawls			Y
	Justification	Data provided by the IMR reference fleet show a small proportion of non-commercial (potential bycatch) species in the catch, which generally do not reach a 1% of the catch (although certain species, such as sharks, skates and rays can reach higher numbers, but less than 4% of the catch). This data, and the lack of infringements by the fleet as regards discarding, serves as an evidence that the strategy is achieving its objective of minimizing bycatch. SG100 is met by all gear types.		

PI 2.2.2	**There is a strategy in place for managing bycatch that is designed to ensure the fishery does not pose a risk of serious or irreversible harm to bycatch populations**
References	Reference fleet data north of 62ºN. Conversations with the Ministry of Fisheries and the Directorate of Fisheries.

OVERALL PERFORMANCE INDICATOR SCORE: Danish seine	**95**
OVERALL PERFORMANCE INDICATOR SCORE: Purse seine	**95**
OVERALL PERFORMANCE INDICATOR SCORE: Hooks and lines	**95**
OVERALL PERFORMANCE INDICATOR SCORE: Gillnets	**95**
OVERALL PERFORMANCE INDICATOR SCORE: Demersal trawls	**95**
CONDITION NUMBER (if relevant):	**N/A**

Evaluation Table for PI 2.2.3

PI 2.2.3		Information on the nature and the amount of bycatch is adequate to determine the risk posed by the fishery and the effectiveness of the strategy to manage bycatch		
Scoring Issue		SG 60	SG 80	SG 100
a	**Guidepost**	Qualitative information is available on the amount of main bycatch species taken by the fishery.	Qualitative information and some quantitative information are available on the amount of main bycatch species taken by the fishery.	Accurate and verifiable information is available on the catch of all bycatch species and the consequences for the status of affected populations.
	Danish seine	Y	Y	N
	Purse seine	Y	Y	N
	Hooks and lines	Y	Y	N
	Gillnets	Y	Y	N
	Demersal trawls	Y	Y	N
	Justification	Landing obligation was implemented in Norway in 1987, banning the discarding of commercial species. Discarding of non-commercial species is known to take place, but according to data by the reference fleet there are no main bycatch species in the catch of any of the assessed gear types. SG80 is met by all UoCs. Data from the reference fleet is sufficient to quantitatively estimate the catch of discarded species, however, the limited information on the status of the different species prevent all UoC under assessment from achieving SG100.		
b	**Guidepost**	Information is adequate to broadly understand outcome status with respect to biologically based limits	Information is sufficient to estimate outcome status with respect to biologically based limits.	Information is sufficient to **quantitatively estimate outcome status** with respect to biologically based limits with a high degree of certainty.
	Danish seine	Y	Y	N
	Purse seine	Y	Y	N
	Hooks and lines	Y	Y	N
	Gillnets	Y	Y	N
	Demersal trawls	Y	Y	N
	Justification	Data collected by the reference fleet is sufficient to identify which are the bycatch species to consider. It could also give an estimation of the quantities taken by the different gear types in the Norwegian fleet. However, the lack of information on the stock and population status of the different species makes it difficult to estimate the outcome status with respect to biologically based limits, as these are not defined for many bycatch species. SG100 is not met. Data provided by the reference fleet shows that there are no main species to consider for any UoC. SG80 is met by all UoCs.		

PI 2.2.3		Information on the nature and the amount of bycatch is adequate to determine the risk posed by the fishery and the effectiveness of the strategy to manage bycatch		
c	Guidepost	Information is adequate to support measures to manage bycatch.	Information is adequate to support a partial strategy to manage main bycatch species.	Information is adequate to support a strategy to manage bycatch species, and evaluate with a high degree of certainty whether the strategy is achieving its objective.
	Danish seine	Y	Y	Y
	Purse seine	Y	Y	Y
	Hooks and lines	Y	Y	Y
	Gillnets	Y	Y	Y
	Demersal trawls	Y	Y	Y
	Justification	The main objective of the bycatch strategy would be to reduce the catch of unwanted species to the minimum, and to ensure survival of discarded species. The team considers that the continued recording by the reference fleet serves to evaluate whether the strategy to minimizing bycatch is achieving its objective of minimizing such interactions over the years. Moreover, data gathered by the reference fleet is subject to review by IMR. This information serves to highlight any individual or group of species that might be at specific risk through being bycatch in the saithe fishery. SG100 is met by all UoCs.		
d	Guidepost		Sufficient data continue to be collected to detect any increase in risk to main bycatch species (e.g., due to changes in the outcome indicator scores or the operation of the fishery or the effectively of the strategy).	Monitoring of bycatch data is conducted in sufficient detail to assess ongoing mortalities to all bycatch species.
	Danish seine		Y	N
	Purse seine		Y	N
	Hooks and lines		Y	N
	Gillnets		Y	N
	Demersal trawls		Y	N
	Justification	The reference-fleet programme is an ongoing programme which has been implemented for several years so far. The programme serves to collect any necessary information as regards bycatch species, in order to detect any increase in the risk to their populations. SG80 is met by all UoCs. Monitoring of bycatch is limited to a small number of reference fleet vessels, which may or may not be truly representative of the fleet and the general fishing practice across the fleet. SG100 is not met by any UoC.		

PI 2.2.3	**Information on the nature and the amount of bycatch is adequate to determine the risk posed by the fishery and the effectiveness of the strategy to manage bycatch**
References	Reference fleet catch data.

OVERALL PERFORMANCE INDICATOR SCORE: Danish seine	**85**
OVERALL PERFORMANCE INDICATOR SCORE: Purse seine	**85**
OVERALL PERFORMANCE INDICATOR SCORE: Hooks and lines	**85**
OVERALL PERFORMANCE INDICATOR SCORE: Gillnets	**85**
OVERALL PERFORMANCE INDICATOR SCORE: Demersal trawls	**85**
CONDITION NUMBER (if relevant):	**N/A**

Evaluation Table for PI 2.3.1

PI 2.3.1		The fishery meets national and international requirements for the protection of ETP species The fishery does not pose a risk of serious or irreversible harm to ETP species and does not hinder recovery of ETP species		
Scoring Issue		SG 60	SG 80	SG 100
a	**Guidepost**	Known effects of the fishery are likely to be within limits of national and international requirements for protection of ETP species.	The effects of the fishery are known and are highly likely to be within limits of national and international requirements for protection of ETP species.	There is a high degree of certainty that the effects of the fishery are within limits of national and international requirements for protection of ETP species.
	Danish seine	Y	Y	Y
	Purse seine	Y	Y	Y
	Hooks and lines	Y	Y	Y
	Gillnets	Y	Y	Y
	Demersal trawls	Y	Y	Y
	Justification	According to MSC FCR V1.3, CB.3.11.1, ETP Species are those recognized by national ETP legislation or listed in Appendix 1 of the Convention on International Trade in Endangered Species (CITES), unless it can be shown that the particular stock of the CITES listed species impacted by the fishery under assessment is not endangered. Species recognized by national legislation (such as Regulation J-250-2013, protecting basking sharks, spurdogs, porbeagles and silky sharks) or by signed binding agreements (such as OSPAR) shall also be considered as ETP species. Species listed in the Norwegian Red List of Protected Species are also considered here, as the Norwegian Marine Resources Acts (section 7.b), sets that "management measures shall incorporate an approach that takes into account habitats and biodiversity", taking action to avoid the red-listing of species. As detailed in Sib, ETP species to consider (due to interactions with the reference fleet) are golden redfish, porbeagle, spurdog, common skates, fulmars, razorbills, puffins, common guillemots and black-legged kittiwakes. Most of the interactions were by the gillnet and the hooks and lines fleet. Interactions by the purse seine reference fleet were nil. There is a high degree of certainty that the fishery complies with the limits set in the different regulations. All UoCs meet SG100.		
b	**Guidepost**	Known direct effects are unlikely to create unacceptable impacts to ETP species.	Direct effects are highly unlikely to create unacceptable impacts to ETP species.	There is a high degree of confidence that there are no significant detrimental direct effects of the fishery on ETP species.
	Danish seine	Y	Y	N
	Purse seine	Y	Y	N
	Hooks and lines	Y	N	N
	Gillnets	Y	N	N
	Demersal trawls	Y	N	N

PI 2.3.1	The fishery meets national and international requirements for the protection of ETP species The fishery does not pose a risk of serious or irreversible harm to ETP species and does not hinder recovery of ETP species
Justification	Landing obligation, implemented in 1987, would require vessels to land any dead animal, regardless it being ETP species or not. Landing records show landings of redfish (unspecified) by most UoCs (with the exception of the purse seine fleet). For 2016, landings of redfish were 72 tones for the Danish seine fleet (0.05% of the total catch of Danish seine vessels); 0 tones for the purse seine fleet; 436 tones for the hooks and lines fleet (0.29% of the hooks and lines landings); 261 tones for gillnets (0.21% of gillnets landings); and 5361 tones for trawlers (1.98% of total landings by demersal trawlers). It was not possible to determine if these individuals of redfish were beaked redfish or golden redfish. While the beaked redfish would be considered as a retained species, the golden redfish (*Sebastes marinus*) is considered as an ETP species as it is listed in the Norwegian Red List of Protected Species. There were no landings of other ETP species by any other UoC under assessment. ICES 2017 advice for golden redfish states that catches should be zero for 2017, 2018 and 2019. The species is red-listed in the Norwegian red list of protected species and catches should be kept to minimum. For the 3600 tonnes landed in 2015 in ICES subareas I and II, 52% were landed by the trawl fleet, 25 % were landed by the gillnet fleet, 20 % by the longline fleet and 3% by other gear types. The spawning-stock biomass (SSB) has experienced a continuous decline since the late 1990s and is currently at the lowest in the time-series of the assessment results. Fishing mortality (F) has been increasing since the mid-2000s, with F in 2015 being the second highest in the time-series. There are specific management measures which were implemented with the intention of reverting the poor situation of this stock. Such measures are area closures and bycatch limitations, and also a move-on rule for the prawn trawl fishery: - In 2004 the redfish fishery became banned from 1st to 31st of May. Maximum bycatch allowed was reduced to 20% and a minimum landing size was established at 32 cm. - In 2005 the prohibition to target redfish was extended from 20th April till 19th June. - In 2006 fishing season was again modified, and prohibitions remained during the months of April and September. A minimum mesh size of 120 mm was introduced. - In 2007 fishing was banned from 1st March till 30th June, and also during September. However, the hand-line fleet smaller than 11 m was excluded from these regulations. - In 2012 fishing closures run from 20th December till 30th June, and also during September. However, all hand-line vessels were excepted from the regulatory measures for future years. - In 2015 the fishing closures remained the same but additional restrictions were added such that redfish catch should be less than 50% of the catch per week. - In 2016 fishing closures were modified from previous years, and was now banned from 1st January to 31st July. Catch of redfish was restricted as it shouldn't be more than 30% of the total catch per week. According to IMR, total catch by the Norwegian fleet was reduced from 6233 tonnes in 2004 down to 1969 in 2016 (68 %), where the landings from trawlers was reduced by 82%, while the landings from coastal fleet was reduced by 55 %. In spite of the reduction, as mentioned above, the stock has so far shown no signs of recovery.

PI 2.3.1	The fishery meets national and international requirements for the protection of ETP species The fishery does not pose a risk of serious or irreversible harm to ETP species and does not hinder recovery of ETP species
	While the low level of landings of golden redfish by gillnets and hooks and lines could serve to justify that direct effects caused by these gear types are highly unlikely to create unacceptable impacts for the golden redfish stock, the high proportion of landings of golden redfish by the different gear types (trawlers 50%, hooks and lines 25%, and gillnets 25%) as described in ICES 2017 advice for golden redfish prevent these gear types (trawlers, hooks and lines and gillnets) from achieving SG80. Danish seine and purse seine UoCs achieve SG80, as interactions with golden redfish are minimal. The lack of an implemented effective system to record interactions with the different ETP species prevent these UoCs from achieving SG100. The reduction in golden redfish catches as a result of implemented management measures serves to support that gear types such as trawlers, hooks and lines, and gillnets, achieve SG60. However, SG80 is not met as the 3 gear types are heavily responsible of golden redfish landings (according to ICES advice). It is noteworthy mentioning that there are other expected interactions of the different gear types with other ETP species. The IMR Norwegian reference fleet recording system showed that, for 2016, interactions of the Norwegian coastal reference fleet north 62ºN with ETP species showed the following results: - For the 5 vessels in the Danish seine reference fleet there were interactions with 1 spurdog (*Squalus acanthias*) and 0.2 tonnes of golden redfish (*Sebastes marinus*). - For the 3 vessels in the purse seine reference fleet there were no interactions with any ETP species. - For the 10 vessels in the hooks and lines reference fleet there were interactions with 1 porbeagle (*Lamna nasus*), 38 spurdogs (*Squalus acanthias*), 6 common skates (D*ipturus batis*), 25 fulmars (*Fulmarus glacialis*) and 110 tonnes of golden redfish (*Sebastes marinus*). - For the 21 coastal gillnets and 5 offshore gillnets in the reference fleet there were interactions with 14 porbeagles (*Lamna nasus*), 2250 spurdogs (*Squalus acanthias*, which weighted 5.5 tonnes), 1 common skate, 2 puffins (*Fratercula arctica*), 9 razorbill (*Alca torda*), 14 fulmars (*Fulmarus glacialis*), 1 black-legged kittiwake, 31 common guillemot (*Uria aalge*) and 15 tonnes of golden redfish (*Sebastes marinus*). - For the 5 demersal trawlers in the reference fleet there were interactions with 250 tonnes of golden redfish (*Sebastes marinus*). Specifically, for the offshore reference fleet, catches of golden redfish were much higher than catches of beaked redfish. Records from the reference fleet show significant interactions of the reference fleet with spurdogs (*Squalus acanthias*). Spurdog is also listed in IUCN red list as Vulnerable. Elasmobranchs present a high survival post capture rate. If the return is done quickly, experimental studies demonstrate that there is a high probability of survival (Mandelman and Farrington 2007a). The Norwegian management system obliges to the releasement of these species when encountered alive (most of the times) or to the landing when they are fatally injured or dead. However, so far the system does not require the recording of these interactions. ICES 2016 Advice on spurdog establishes that there shouldn't be any targeted fishery for spurdog and that bycatches should be kept to minimum. The allocated quota by all EU countries is zero. ICES 2016 also shows that, of the 265 tonnes of spurdog landed in 2015 by the European Northeast Atlantic fleet, 80% were taken by Norwegian vessels. ICES Advice also reports that 68% of catches were taken by gillnets (while 16% were taken by bottom trawlers, 12 % by lines and 2% by other gear types). In any case, according to ICES 2016 advice, and "based on medium-term projections, annual catches at the recent assumed level (2468 tonnes) would allow the stock to increase at a rate close to that estimated with zero catches".

PI 2.3.1		The fishery meets national and international requirements for the protection of ETP species The fishery does not pose a risk of serious or irreversible harm to ETP species and does not hinder recovery of ETP species
		ICES 2016 Advice on porbeage (*Lamna nasus)* in the Northeast Atlantic reflects that direct fishing should be prohibited and bycatch should be minimized. There is limited information on the stock. Landings in the NEA region were 7 tonnes in 2014. The catch taken by the reference fleet were 15 individuals in 2016. Both spurdogs and porbeagles benefit from Regulation J-250-2013, which obliges to the releasement of these individuals if still alive when taken. There is no ICES advice on the stock of common skate (*Dipturus batis*) in subareas I and II. Regulation J-250-2013 does not specifically protect common skates. If this are released soon they will probably recover from the entanglement due to their high survival rate, however it could be the case that the species is just landed. Other species interacting with the different gear types in the reference fleet are fulmars, puffins, razorbills, black-legged kittiwates and common guillemots. There were 2 puffins trapped by the gillnet reference fleet north 62ºN during 2016. According to the Norwegian red list of species, it is estimated that there are 3 million individuals in Norway. Data from the National Monitoring Program for Seabirds indicate a population decline of almost 50% in the Norwegian Sea for the period 1980-2009, but a more stable stock in the Barents Sea. There were 9 razorbills trapped by the gillnet reference fleet north 62ºN during 2016. According to the description given at Norway Red List of Species, the Norwegian population of *Alca torda* is estimated to be approximately 90,000 reproducing individuals. There appears to have been a decline in stocks for the entire Norwegian *Alca torda* stock in the range of 50-80% during the last 3 generations of the species (1967-2014), and the decline was particularly high in the first part of this period. The stock in the UK (where the fishery also takes place) is large and appears to have grown in the last 40 years. 10 fulmars were taken by the hooks and lines reference fleet and 14 by the gillnet reference fleet. According to the Norwegian red list of species, the species established itself in Norway in the 1920s. After that, the stock grew gradually and the stock size was evaluated to approximately 6,000 reproducing individuals around 1980 and 14,000 in the early 1990s. However, to date, there have been several declines and the Norwegian reproductive stock is estimated to be in the range of 1000-2000 individuals, which is probably only about 10-20% of reproducing stock as it was at its peak towards the end of the 1900s. The gillnet reference fleet north of 62ºNorth interacted with one individual of black-legged kittiwake during 2016. According to the Norwegian redlist of species, the Norwegian population of black-legged kittiwakes is estimated to be of 175,000 reproducing individuals. Data from the National Monitoring Program for Seabirds shows that the populations have declined in different locations in Norway. The extinction risk has been calculated for some colonies in Norway, showing median times to extinction ranging from 10 to 180 years depending on which colonies are concerned and what parameters are included in the models. 31 common guillemots (*Uria aalge*) interacted the gillnet reference fleet North 62ºN during 2016. According to the Norwegian red list of species, population is estimated to be of 34000 individuals (2015). The decline in the Norwegian stock is estimated to clearly exceed 80% for the last 3 generations of the species (1967-2014). This decline could be caused by nutritional deficiencies but also by the presence of eagles. Data given above reflects interactions of all the different fisheries and gear types in the Norwegian reference fleet. With the given data, it is not possible to discriminate which were the directed fishery for the different gear types. For that reason such data shall be observed in a precautionary manner, as a proxy to possible interactions by the different gear types, as such interactions would surely change depending on the targeted species.

PI 2.3.1	The fishery meets national and international requirements for the protection of ETP species The fishery does not pose a risk of serious or irreversible harm to ETP species and does not hinder recovery of ETP species		
c Guidepost		Indirect effects have been considered and are thought to be unlikely to create unacceptable impacts.	There is a high degree of confidence that there are no significant detrimental indirect effects of the fishery on ETP species.
Danish seine		Y	N
Purse seine		Y	N
Hooks and lines		Y	N
Gillnets		Y	N
Demersal trawls		Y	N
Justification	Indirect effects on ETP populations would be those caused as results of interactions with the fishing gear (such as injuries, which are difficult to quantify) or those related to the reduction of prey availability for prey species, competition for forage, destruction of egg cases or geolocation difficulties. Indirect effects such as prey removal are normally taken into account in the management plans by increasing the natural mortality in the assessment to account for the needs of higher trophic levels. Personal comments by the Institute of Marine Research in Bergen reported that marine mammals are normally taken into account on catch advice, but they could not asseverate the same for bird species. Notwithstanding this, indirect effects are considered unlikely to create unacceptable impacts on ETP species, based on current knowledge in relation to the population status and life history of potentially impacted ETP species. The difficulty to provide a high degree of confidence that there aren't significant detrimental effects of the fishery on ETP species prevents the fishery from obtaining SG100, even though IMR ecosystem modelling of Norwegian fisheries, long-term monitoring of marine mammals by IMR, seabirds by NINA and ICES reviews of seabird, elasmobrachii and marine mammal–fishery interactions have not identified any cause for concern with respect to the Norwegian NEA saithe fisheries. All UoCs achieve SG80.		
References	http://www.ecolex.org/details/legislation/act-no-37-of-2008-relating-to-the-management-and-conservation-of-living-marine-resources-marine-living-resources-act-lex-faoc082017/? http://www.ecolex.org/details/legislation/regulation-no-1475-on-the-ban-from-catch-of-sharks-in-2012-lex-faoc115522/ Northridge (1988) http://artsdatabanken.no/Files/13973/Norsk_r_dliste_for_arter_2015_(PDF) CITES Appendix I www.ospar.org ICES advice on spurdog in NEA Fangel, K., Aas, Ø., Bærum, K. M., Anker-Nilssen, T. & Christensen- Dalsgaard, S. 2015. Utilsiktet bifangst av sjøfugl i norske kystfiskerier med garn og line. - NINA Temahefte 64. 20 s. Mandelman, J.W., and M.A. Farrington. 2007a. The estimated short-term discard mortality of a trawled elasmobranch, the spiny dogfish (*Squalus acanthias*). Fisheries Research 83 (2007) 238–245. Norwegian Red List of Species 2015. https://www.artsdatabanken.no/Files/18047/Norwegian_Red_List_of_Species_2015_-_methods_and_results_2015 http://www.ices.dk/sites/pub/Publication%20Reports/Advice/2016/2016/dgs-		

PI 2.3.1	**The fishery meets national and international requirements for the protection of ETP species** **The fishery does not pose a risk of serious or irreversible harm to ETP species and does not hinder recovery of ETP species**
	nea.pdf http://www.ices.dk/sites/pub/Publication%20Reports/Advice/2017/2017/byc.eu.pdf https://artsdatabanken.no/Rodliste

OVERALL PERFORMANCE INDICATOR SCORE: Danish seine	**85**
OVERALL PERFORMANCE INDICATOR SCORE: Purse seine	**85**
OVERALL PERFORMANCE INDICATOR SCORE: Hooks and lines	**75**
OVERALL PERFORMANCE INDICATOR SCORE: Gillnets	**75**
OVERALL PERFORMANCE INDICATOR SCORE: Demersal trawls	**75**
CONDITION NUMBER (if relevant): Condition for hooks and lines, gillnets and demersal trawls	**COND 3**

Evaluation Table for PI 2.3.2

PI 2.3.2		The fishery has in place precautionary management strategies designed to: • Meet national and international requirements; • Ensure the fishery does not pose a risk of serious harm to ETP species; • Ensure the fishery does not hinder recovery of ETP species; and • Minimise mortality of ETP species.		
Scoring Issue		SG 60	SG 80	SG 100
a	**Guidepost**	There are measures in place that minimise mortality of ETP species, and are expected to be highly likely to achieve national and international requirements for the protection of ETP species.	There is a strategy in place for managing the fishery's impact on ETP species, including measures to minimise mortality, which is designed to be highly likely to achieve national and international requirements for the protection of ETP species.	There is a comprehensive strategy in place for managing the fishery's impact on ETP species, including measures to minimise mortality, which is designed to achieve above national and international requirements for the protection of ETP species.
	Danish seine	Y	Y	N
	Purse seine	Y	Y	N
	Hooks and lines	Y	Y	N
	Gillnets	Y	Y	N
	Demersal trawls	Y	Y	N
	Justification	The NEA saithe fishery takes place in Norwegian waters. Norway is a signatory party to key international conventions affecting ETP species, including CITES (Annex I), OSPAR and the UN code for responsible fishing. Regulation J-250-2013 is specifically designed for the protection of basking sharks, spurdogs, porbeagles and silky sharks. There is also a Norwegian red list of threatened species based on IUCN red list. Besides, the Norwegian Marine Resources Acts (section 7.b), sets that "management measures shall incorporate an ecosystem approach that takes into account habitats and biodiversity", taking action to avoid the redlisting of species. Electronic logbooks should serve to record fatal interactions with seabirds and marine mammals when these happen. Records of fatal interactions with these species show very limited interactions. There is no requirement to record non-fatal interactions, which would serve to better quantify the effects that different UoCs have on the different ETP populations. As described under PI 2.3.1, the Norwegian reference fleet records interactions of the different vessels in the reference fleet with all affected species, which serves to quantify the effects of the different gear types.		

PI 2.3.2		**The fishery has in place precautionary management strategies designed to:** • **Meet national and international requirements;** • **Ensure the fishery does not pose a risk of serious harm to ETP species;** • **Ensure the fishery does not hinder recovery of ETP species; and** • **Minimise mortality of ETP species.**		
		Fishermen always avoid interactions of ETP species with the fishing gear, as these may result in damages to the net that would require expensive reparations: • Hooks and lines have implemented streamers (tori lines) which should serve to prevent interactions with seabirds. The implementation of swivel hooks could also serve to minimise such interactions (Fangel, 2015). • Demersal gillnets have pingers (acoustic scaring devices) which should serve to prevent interactions with marine mammals. According to Fishbase, saithe is located at depths ranging from 37 to 360 m. Demersal gillnets under assessment are therefore located at depths above 37 m. According to Fangel (2015), interactions of seabirds with gillnets decreases significantly at depths equal to or higher than 50 m, so interactions with the gillnet UoC and seabirds are also expected to be minimised. • There are no specific concerns as regards ETP interactions by the purse seine UoCs, as, if trapped, ETP individuals could easily be released without damage. • Entanglements with Danish seine and demersal trawlers could result either in casualty or in releasement, depending on the level of entanglement. Data from the reference fleet show no specific concerns for the Danish seine fleet, although the demersal trawling fleet show high records of golden redfish. The team considers that the different regulations and measures in place are considered as a strategy which is highly likely to achieve national and international requirements for the protection of ETP species. However, the team feels that, although very specific to ETP species such as golden redfish, spurdogs, porbeagles, basking sharks and silky sharks, the strategy implemented is not comprehensive enough, as it still lacks from mandatory use of tori lines and pingers (which are however voluntary implemented by most vessels) and from the mandatory record for all interactions and measures to avoid non-fatal interactions. SG80 is met for all UoCs.		
b	**Guidepost**	The measures are considered likely to work, based on plausible argument (e.g., general experience, theory or comparison with similar fisheries/species).	There is an objective basis for confidence that the strategy will work, based on information directly about the fishery and/or the species involved.	The strategy is mainly based on information directly about the fishery and/or species involved, and a quantitative analysis supports high confidence that the strategy will work.
	Danish seine		Y	N
	Purse seine		Y	N
	Hooks and lines		Y	N
	Gillnets		Y	N
	Demersal trawls		Y	N

PI 2.3.2		The fishery has in place precautionary management strategies designed to: • Meet national and international requirements; • Ensure the fishery does not pose a risk of serious harm to ETP species; • Ensure the fishery does not hinder recovery of ETP species; and • Minimise mortality of ETP species.		
	Justification	There is on-site research by IMR through the study of catch composition by the reference fleet. As described in PI2.3.1.b, these interactions have resulted negligible for Danish seine and purse seine but have shown significant interactions with hooks and lines, gillnets and demersal trawls. As regards gear types with higher interactions, such as hooks and lines, gillnets, and demersal trawls, the team considers that the specific measures in place will work in relation to the species and gears affected. Such specific measures are the use of tori lines in the hook and line fleet, the use of pingers in the gillnet fleet, the use of sorting grids and bycatch move on rules for the demersal trawl fleet, and the area closures (fjordlines) for the protection of both coastal cod and golden redfish. Besides, Regulation J-250-2013 applies to all gear types and obliges to the releasement of both spurdogs and porbeagles if entangled. Research undertaken by Madelman and Farrington (2007) shows that shark species have a high survival rate if released soon. The team concludes that the low number of interactions by gears types such as Danish seine and purse seine, and the specific measures in place for hooks and lines, gillnets and demersal trawlers, along with the high post-capture survival rate of certain species, and the reduction in the catch of golden redfish over the past years, give an objective basis for confidence that this strategy will work for all UoCs. SG80 is met by all UoCs. However, the reference fleet only represents a small proportion of the Norwegian fleet, and to this day e-logbooks in normal operational vessels do not record non-fatal ETP interactions, not even catches of elasmobranchs (or any other species) that are released alive, but only landings of those that did not manage to survive. The lack of specific knowledge on both the real impact by the fleet and the status of some ETP species prevent all UoCs from achieving SG100.		
c	Guidepost		There is evidence that the strategy is being implemented successfully.	There is clear evidence that the strategy is being implemented successfully.
	Danish seine		Y	Y
	Purse seine		Y	Y
	Hooks and lines		Y	Y
	Gillnets		Y	Y
	Demersal trawls		Y	Y
	Justification	ICES, IMR and NINA conduct research and monitoring of the populations of marine mammal and seabirds. Their results are afterward reviewed by OSPAR and NAMMCO. Norwegian specific management measures such as landing obligation of all species, area closures, bycatch limitations, move on rules, return to sea of alive elasmobranchs, use of sorting grids to avoid catch of juvenile fish, use of specific scaring devices such as streamers (by longlines) and pingers (by gillnets), comprehensive recording system by the reference fleet and a robust enforcement system serve as a clear evidence that the strategy is being implemented successfully. All UoCs reach SG100.		

PI 2.3.2		**The fishery has in place precautionary management strategies designed to:** • **Meet national and international requirements;** • **Ensure the fishery does not pose a risk of serious harm to ETP species;** • **Ensure the fishery does not hinder recovery of ETP species; and** • **Minimise mortality of ETP species.**		
d	**Guidepost**			There is evidence that the strategy is achieving its objective.
	Danish seine			Y
	Purse seine			Y
	Hooks and lines			N
	Gillnets			N
	Demersal trawls			N
	Justification	The monitoring of interactions with the fishery (conducted by the Norwegian reference fleet), and the monitoring of elasmobranchians, marine mammal and seabird populations by ICES, IMR and NINA, would serve to detect any increase in the risk posed by these populations due to the NEA saithe fishery. Data by the reference fleet show negligible interactions with ETP species by the Danish seine and purse seine fleets. This low level of interactions serves to justify that the strategy is achieving is objective as regards these fishing gears. The Danish seine and purse seine UoCs achieve SG100. As regards the hooks and lines, gillnet and demersal trawl UoCs, the significant level of interactions reported by the reference fleet prevent these UoCs from achieving SG100, as at present is not possible to asseverate that these fleets are achieving the objective of minimizing interactions with ETP species.		
	References	http://www.ices.dk/community/groups/Pages/WGFTFB.aspx http://www.ecolex.org/details/legislation/act-no-37-of-2008-relating-to-the-management-and-conservation-of-living-marine-resources-marine-living-resources-act-lex-faoc082017/? http://www.ecolex.org/details/legislation/regulation-no-1475-on-the-ban-from-catch-of-sharks-in-2012-lex-faoc115522/ Northridge (1988) The Norwegian red list of endangered species. http://artsdatabanken.no/Files/13973/Norsk_r_dliste_for_arter_2015_(PDF) CITES Appendix I www.ospar.org Fangel, K., Aas, Ø., Bærum, K. M., Anker-Nilssen, T. & Christensen- Dalsgaard, S. 2015. Utilsiktet bifangst av sjøfugl i norske kystfiskerier med garn og line. - NINA Temahefte 64. 20 s. Mandelman, J.W., and M.A. Farrington. 2007a. The estimated short-term discard mortality of a trawled elasmobranch, the spiny dogfish (*Squalus acanthias*). Fisheries Research 83 (2007) 238–245.		

OVERALL PERFORMANCE INDICATOR SCORE: Danish seine	**90**
OVERALL PERFORMANCE INDICATOR SCORE: Purse seine	**90**
OVERALL PERFORMANCE INDICATOR SCORE: Hooks and lines	**85**

PI 2.3.2	**The fishery has in place precautionary management strategies designed to:** • **Meet national and international requirements;** • **Ensure the fishery does not pose a risk of serious harm to ETP species;** • **Ensure the fishery does not hinder recovery of ETP species; and** • **Minimise mortality of ETP species.**	
OVERALL PERFORMANCE INDICATOR SCORE: Gillnets		**85**
OVERALL PERFORMANCE INDICATOR SCORE: Demersal trawls		**85**
CONDITION NUMBER (if relevant):		**N/A**

Evaluation Table for PI 2.3.3

PI 2.3.3		Relevant information is collected to support the management of fishery impacts on ETP species, including: • Information for the development of the management strategy; • Information to assess the effectiveness of the management strategy; and • Information to determine the outcome status of ETP species.		
Scoring Issue		SG 60	SG 80	SG 100
a	**Guidepost**	Information is sufficient to qualitatively estimate the fishery related mortality of ETP species.	Sufficient information is available to allow fishery related mortality and the impact of fishing to be quantitatively estimated for ETP species.	Information is sufficient to quantitatively estimate outcome status of ETP species with a high degree of certainty.
	Danish seine	Y	Y	Y
	Purse seine	Y	Y	Y
	Hooks and lines	Y	Y	Y
	Gillnets	Y	Y	Y
	Demersal trawls	Y	Y	Y
	Justification	The ICES, IMR and NINA institutions collect information on sharks, marine mammals and seabird populations. Landing obligation, implemented in 1987, should serve to detect any increase in landings of ETP species. Besides, the reference fleet has a comprehensive system of recording all interactions by these vessels, including interactions with ETP species. The use of both information on casualties and population status on ETP species serve to provide quantitative information as regards outcome status of ETP species with a high degree of certainty. All UoC achieve SG100.		
b	**Guidepost**	Information is adequate to broadly understand the impact of the fishery on ETP species.	Information is sufficient to determine whether the fishery may be a threat to protection and recovery of the ETP species.	Accurate and verifiable information is available on the magnitude of all impacts, mortalities and injuries and the consequences for the status of ETP species.
	Danish seine	Y	Y	N
	Purse seine	Y	Y	N
	Hooks and lines	Y	Y	N
	Gillnets	Y	Y	N
	Demersal trawls	Y	Y	N

PI 2.3.3		**Relevant information is collected to support the management of fishery impacts on ETP species, including:** • **Information for the development of the management strategy;** • **Information to assess the effectiveness of the management strategy; and** • **Information to determine the outcome status of ETP species.**		
	Justification	Even though all fatal interactions are recorded by the fleet, the lack of records on non-fatal interactions prevent the fishery from gaining SG100, as so far injuries or other non-fatal impacts cannot be measured. However, it is considered that the information collected is sufficient to determine whether the fishery may be a threat to the protection and recovery of ETP species, as information on fatal interactions is collected by the reference fleet and there is research undertaken by different institutions such as ICES, IMR and NINA on the status of different ETP populations. Information on interactions and information on stock status is considered sufficient to determine whether the fishery is a threat to protection and recovery of ETP species. All UoCs achieve SG80. It is recommended that all vessels record all ETP interactions in an electronic database.		
c	**Guidepost**	Information is adequate to support measures to manage the impacts on ETP species.	Information is sufficient to measure trends and support a full strategy to manage impacts on ETP species.	Information is adequate to support a comprehensive strategy to manage impacts, minimize mortality and injury of ETP species, and evaluate with a high degree of certainty whether a strategy is achieving its objectives.
	Danish seine	Y	Y	N
	Purse seine	Y	Y	N
	Hooks and lines	Y	Y	N
	Gillnets	Y	Y	N
	Demersal trawls	Y	Y	N
	Justification	The team considers that the volume of data provided by ongoing monitoring programs by NINA, IMR and ICES on ETP species, as well as landing records from the reference fleet and from the fishery's e-logbooks, are adequate to measure trends and support a full strategy to manage the fatal impacts that the fishery may have on ETP species. It could also serve to evaluate if the strategy is achieving its overall objective. However, the lack of records of non-fatal interactions which could result in injuries on ETP species prevent the fishery from reaching SG100. All UoCs achieve SG80.		
References		Landing records http://www.ecolex.org/details/legislation/act-no-37-of-2008-relating-to-the-management-and-conservation-of-living-marine-resources-marine-living-resources-act-lex-faoc082017/? http://www.ecolex.org/details/legislation/regulation-no-1475-on-the-ban-from-catch-of-sharks-in-2012-lex-faoc115522/ Northridge (1988) http://artsdatabanken.no/Files/13973/Norsk_r_dliste_for_arter_2015_(PDF) CITES Appendix I www.ospar.org ICES advice on spurdog in NEA		
OVERALL PERFORMANCE INDICATOR SCORE: Danish seine				**85**
OVERALL PERFORMANCE INDICATOR SCORE: Purse seine				**85**

PI 2.3.3	**Relevant information is collected to support the management of fishery impacts on ETP species, including:** • **Information for the development of the management strategy;** • **Information to assess the effectiveness of the management strategy; and** • **Information to determine the outcome status of ETP species.**	
OVERALL PERFORMANCE INDICATOR SCORE: Hooks and lines		**85**
OVERALL PERFORMANCE INDICATOR SCORE: Gillnets		**85**
OVERALL PERFORMANCE INDICATOR SCORE: Demersal trawls		**85**
CONDITION NUMBER (if relevant): A Recommendation (1) has been set.		**N/A**

Evaluation Table for PI 2.4.1

PI 2.4.1		The fishery does not cause serious or irreversible harm to habitat structure, considered on a regional or bioregional basis, and function		
Scoring Issue		SG 60	SG 80	SG 100
a	**Guidepost**	The fishery is unlikely to reduce habitat structure and function to a point where there would be serious or irreversible harm.	The fishery is highly unlikely to reduce habitat structure and function to a point where there would be serious or irreversible harm.	There is evidence that the fishery is highly unlikely to reduce habitat structure and function to a point where there would be serious or irreversible harm.
	Danish seine	Y	Y	N
	Purse seine	Y	Y	Y
	Hooks and lines	Y	Y	Y
	Gillnets	Y	Y	Y
	Demersal trawls	Y	Y	N
	Justification	MSC guidance suggests that serious (or irreversible) harm refers to change that fundamentally alters the capacity of the component to maintain its function (e.g. reducing ecosystem services; loss of resilience; regime shift; gross changes in composition of dependent species) or to recover from the impact (within timescales of natural ecological processes – normally one or two decades). As shown in both VMS maps and sedimentary maps, most common encountered habitats by the NEA saithe fishery are sandy and muddy bottoms, but also some small rocky and reef areas. The NEA saithe fishery includes several UoCs (which include different fishing gears). While Danish seines and demersal trawls are expected to disturb the seafloor, other gears such as purse seines, hooks and lines and gillnets are expected to have very limited impact on the seafloor, mainly produced by the local impact caused by anchors. The team concludes that it is highly unlikely that the mentioned gears (purse seines, hooks and lines and gillnets) will have any significant impact on the seafloor, as this would only happen in case of gear loss, which is un rare event which is avoided when possible by the crew by choosing smooth fishing grounds. If a gear is lost, efforts will be made to recover it. Impacts on sedimentary bottoms, if any, would have a minimum effect on habitat structure and function, far from being serious or irreversible. The evidence to support the statement that these gears do not reduce the structure and function of habitats encountered (if any), would be its design and testing on testing pools, which show that interactions with the seafloor are not expected. The UoCs that include purse seine, hooks and lines and gillnets achieve SG100. As regards demersal gears that actively touch the seafloor (such as Danish seine and demersal trawls) relocating shallow burrowing infaunal species to the surface of the seafloor, and re-suspending surface sediment, Kaiser et al. (2006) concluded that otter trawling produces a significant, negative, short-term effect on muddy habitats, but no detrimental effects were seen in the long term once the fishing stops. Besides, trawl modified habitats continue to cover ecosystem needs, regardless of showing a lower biodiversity rate. As regards sandy habitats, and according to Meenakumari et al (2008), and Gordon et al (2002) these can recover after trawling disturbance in less than 5 years. As regards hard substrates such as rocky areas, fishermen would avoid deploying the nets in there as it would result in damages for the nets. The team considers that it is highly unlikely that the common habitats affected by these gears would suffer any serious or irreversible harm.		

PI 2.4.1	The fishery does not cause serious or irreversible harm to habitat structure, considered on a regional or bioregional basis, and function
	Within the Norwegian EEZ there are numerous VME habitats which have been identified both by the OSPAR Commission and by the MAREANO program, including corals and sponge aggregations, amongst other species. The Mareano program has comprehensively mapped Norwegian waters, identifying some coral reefs in the Norwegian main coast. These coral reefs, mostly located in coastal areas, have already been protected as Marine Protected Areas, so that the coastal fleet does not fish in there. Besides, trawling is forbidden within 12 nautical miles from the coastline. The VMS on board serves the Directorate of Fisheries to ensure that these areas are not entered by the fleet. The Directorate of Fisheries reported no infringements as regards the Norwegian fleet accomplishment of management measures in MPAs with designated management measures. Besides, Regulation J-40-2016 establishes that if a trawl vessel catches more than 30 kg corals or 400 kg sponges in a single haul the vessel shall stop fishing and move position at least 2 nautical miles in order to avoid such catches and report such incident to the Directorate of Fisheries, although the mandatory use of sorting grids could favour the discarding of such VME species within the water and before the hauling of the net. The team considers that given the already implemented management measures and the nil infractions reported by the Directorate of Fisheries as regards the accomplishment of these management measures, it is highly unlikely that these vulnerable habitats would be irreversible affected by the Danish seine and bottom trawl UoCs. SG80 is met by the Danish seine and demersal trawl UoCs. Overlapped maps of the VMS activity and the location of VME habitats would serve as an evidence to support a higher score. SG100 is not met.
References	VMS maps OSPAR threatened habitats maps Regulation J-209-2011 www.mareano.no Meenakumari, B., Bhagirathan, U. and Pravin, P. Impact of Bottom Trawling on Benthic Communities: A Review. Fishery Technology 2008, Vol. 45(1) pp: 1 – 22. https://www.researchgate.net/publication/259979122_Impact_of_bottom_trawling_on_benthic_communities_a_review Kaiser, M. J., Clarke, K. R., Hinz, H., Austen, M. C. V., Somerfield, P. J., and Karakassis, I. 2006. Global analysis of response and recovery of benthic biota to fishing. Marine Ecology Progress Series, 311: 1 –14. Gordon, Donald C. Jr., Ellen L.R. Kenchington, Kent D. Gilkinson, Gordon B.J. Fader, Gordon B.J. Fader, Cynthia Bourbonnais-Boyce, Kevin G. MacIsaac, David L. McKeown, Lea-Anne Henry and W. Peter Vass. Summary of the Western Bank otter trawling experiment (1997-1999): Effects on benthic habitat and communities. Can. Tech. Rep. Fish. Aquat. Sci. 2822: vii + 70 p. http://www.dfo-mpo.gc.ca/Library/336797.pdf Hiddink J.G., Jennings S., and Kaiser M.J (2006). Indicators of the Ecological Impact of Bottom-Trawl Disturbance on Seabed Communities. Ecosystems (2006) 9: 1190– 1199. https://link.springer.com/content/pdf/10.1007%2Fs10021-005-0164-9.pdf

OVERALL PERFORMANCE INDICATOR SCORE: Danish seine	**80**
OVERALL PERFORMANCE INDICATOR SCORE: Purse seine	**100**
OVERALL PERFORMANCE INDICATOR SCORE: Hooks and lines	**100**
OVERALL PERFORMANCE INDICATOR SCORE: Gillnets	**100**
OVERALL PERFORMANCE INDICATOR SCORE: Demersal trawls	**80**
CONDITION NUMBER (if relevant):	**N/A**

Evaluation Table for PI 2.4.2

PI 2.4.2		There is a strategy in place that is designed to ensure the fishery does not pose a risk of serious or irreversible harm to habitat types		
Scoring Issue		SG 60	SG 80	SG 100
a	**Guidepost**	There are measures in place, if necessary, that are expected to achieve the Habitat Outcome 80 level of performance.	There is a partial strategy in place, if necessary, that is expected to achieve the Habitat Outcome 80 level of performance or above.	There is a strategy in place for managing the impact of the fishery on habitat types.
	Danish seine	Y	Y	Y
	Purse seine	Y	Y	Y
	Hooks and lines	Y	Y	Y
	Gillnets	Y	Y	Y
	Demersal trawls	Y	Y	Y
	Justification	The Norwegian MAREANO program, which maps depth, topography, sediment composition, contaminants, biotopes and habitats in Norwegian waters, serves as a valuable tool to manage habitat types in Norwegian waters, and has help to establish no fishing zones in Norwegian waters, which have been designed mainly to protect cold corals which are mostly located near the shore line, with the exception of two protected areas in more open waters. The mandatory VMS in place serves the enforcement system to verify that these regulations are followed. All UoCs achieve SG100.		
b	**Guidepost**	The measures are considered likely to work, based on plausible argument (e.g. general experience, theory or comparison with similar fisheries/habitats).	There is some objective basis for confidence that the partial strategy will work, based on information directly about the fishery and/or habitats involved.	Testing supports high confidence that the strategy will work, based on information directly about the fishery and/or habitats involved.
	Danish seine	Y	Y	N
	Purse seine	Y	Y	Y
	Hooks and lines	Y	Y	Y
	Gillnets	Y	Y	Y
	Demersal trawls	Y	Y	N

PI 2.4.2		There is a strategy in place that is designed to ensure the fishery does not pose a risk of serious or irreversible harm to habitat types		
	Justification	The research undertaken in the status of benthic habitats by different institutions such as the OSPAR Commission and the MAREANO program, along with the establishment of protected areas based on these results, serve to provide an objective basis of confidence that the management strategy will work. Vessels carry VMS which serve to monitor their position and accomplishment of regulation measures as regards Marine Protected Areas. Enforcement is carried out by the Norwegian Coast Guard. No infringements were reporting regarding entrance in area closures. It is not expected that pelagic gears as purse seines and hooks and lines, and demersal fixed gears such as gillnets will cause any irreversible harm in the seafloor. The research showing the limited effects of these gears on bottom habitats gives high confidence that the strategy will work. SG100 is met for these fishing gears. As regards fishing gears such as Danish seine and demersal trawlers, these could have an impact on vulnerable habitats if these are not effectively protected. The team considers that with the existing information on bottom habitats in the Norwegian EEZ, there is some objective basis for confidence that the strategy will work. SG80 is met for Danish seines and demersal trawls. The team considers that the strategy won't be fully tested until all Norwegian EEZ are mapped and research in undertaken to see the response of vulnerable habitats to management measures. SG100 is not met for Danish seines nor demersal trawls.		
c	Guidepost		There is some evidence that the partial strategy is being implemented successfully.	There is clear evidence that the strategy is being implemented successfully.
	Danish seine		Y	Y
	Purse seine		Y	Y
	Hooks and lines		Y	Y
	Gillnets		Y	Y
	Demersal trawls		Y	Y
	Justification	The Mareano program began mapping the Norwegian Sea seafloor in 2005 and continues to increase its coverage of the Norwegian EEZ seafloor annually. The Marine Resources Act was established in 2008. Regulation J- 187-2008, which prohibits trawling near coral reefs, was implemented in 2008, while Regulation J-40-2016, which protects corals and sponges through the implementation of a move on rule, was implemented in 2016. In 2016 different areas were closed to the fishing activity in order to protect vulnerable habitats. The Norwegian Coast Guard enforces these regulations, and, as reported by the Directorate of Fisheries, there are no serious infringements to report as regards this UoA. Given the different management measures implemented, the enforcement in place, and the low ratio of infringements, the team considers that there is clear evidence that the management strategy to ensure that the fishery does not cause serious or irreversible harm to habitat types is successfully implemented. All UoCs achieve S100.		

PI 2.4.2	There is a strategy in place that is designed to ensure the fishery does not pose a risk of serious or irreversible harm to habitat types		
d Guidepost			There is some evidence that the strategy is achieving its objective.
Danish seine			N
Purse seine			N
Hooks and lines			N
Gillnets			N
Demersal trawls			N
Justification	There is evidence that the Norwegian fishing fleet is not entering protected areas in Norwegian waters. However, there is no evidence as yet of the recovery of vulnerable habitats following area closures. SG100 is not met by any UoC.		
References	Act 17 December 1976 relating to the establishment of the Economic zone of Norway. Arctic Agreement Regulation J-209-2011 Regulation J-40-2016, http://www.mareano.no/en/about_mareano/activities		

OVERALL PERFORMANCE INDICATOR SCORE: Danish seine	90
OVERALL PERFORMANCE INDICATOR SCORE: Purse seine	95
OVERALL PERFORMANCE INDICATOR SCORE: Hooks and lines	95
OVERALL PERFORMANCE INDICATOR SCORE: Gillnets	95
OVERALL PERFORMANCE INDICATOR SCORE: Demersal trawls	90
CONDITION NUMBER (if relevant):	N/A

Evaluation Table for PI 2.4.3

PI 2.4.3		Information is adequate to determine the risk posed to habitat types by the fishery and the effectiveness of the strategy to manage impacts on habitat types		
Scoring Issue		SG 60	SG 80	SG 100
a	**Guidepost**	There is basic understanding of the types and distribution of main habitats in the area of the fishery.	The nature, distribution and vulnerability of all main habitat types in the fishery are known at a level of detail relevant to the scale and intensity of the fishery.	The distribution of habitat types is known over their range, with particular attention to the occurrence of vulnerable habitat types.
	Danish seine	Y	Y	Y
	Purse seine	Y	Y	Y
	Hooks and lines	Y	Y	Y
	Gillnets	Y	Y	Y
	Demersal trawls	Y	Y	Y
	Justification	The location of all fishing activities can be known thanks to VMS in place. There is broad information as regards the distribution of habitat types in the Norwegian EEZ, as his has been collected through the MAREANO Program and the OSPAR Commission (www.ospar.org). Both institutions websites display maps with information on the type of substrate, the seafloor topography, the biota present in the area, the location of vulnerable habitat types and the physical variables in the area. All UoCs achieve SG100.		
b	**Guidepost**	Information is adequate to broadly understand the nature of the main impacts of gear use on the main habitats, including spatial overlap of habitat with fishing gear.	Sufficient data are available to allow the nature of the impacts of the fishery on habitat types to be identified and there is reliable information on the spatial extent of interaction, and the timing and location of use of the fishing gear.	The physical impacts of the gear on the habitat types have been quantified fully.
	Danish seine	Y	Y	N
	Purse seine	Y	Y	Y
	Hooks and lines	Y	Y	Y
	Gillnets	Y	Y	Y
	Demersal trawls	Y	Y	N

PI 2.4.3		Information is adequate to determine the risk posed to habitat types by the fishery and the effectiveness of the strategy to manage impacts on habitat types		
	Justification	As regards specific impacts that each gear type has, it is known that trawling activity generates disturbance on any type of sediments. Effects such as bottom damage, seabed relief, sediment sorting and species survival, abundance and recovery have been studied in different research programs. According to Kaiser et al (2006), Gordon et al (2002) and Meenakumari et al (2008), soft grounds such as muddy and sandy bottoms are expected to recover quickly, and in a timeframe smaller than 5 years once the disturbance is stopped. It is acknowledged that the composition of the benthic communities may swift favouring more resilient species, but the overall structure and function of the habitats remains. Effects or hard substrate have also been studied and are considered far more harmful. The effect of pelagic gears on sensitive habitats has not been quantified other than by the general observation that such physical impact is avoided by the fishermen as it could generally damage the net, and also by trials of pelagic gears on trial pools showing no interactions with the seafloor. The quantification of physical impacts of bottom fixed gears can be calculated by the study of the number, size and distribution of these gears, and the proportion of affected area versus the Norwegian Sea area. It is therefore considered that sufficient data are available to allow the nature of the impacts of the fishery on habitat types to be identified, and that there is reliable information on the spatial extent of interaction, and the timing and location of use of the fishing gear. Although effects of the bottom trawl gears have been studied in different research papers, its effects in the affected fishing grounds have not been quantified fully yet, although information available should be sufficient to do so. Bottom towed gears such as trawlers and Danish seines achieve SG80. The confidence on the lack of interactions between the pelagic trawls and the seafloor serve to quantify these interactions as nil. The limited interactions of bottom fixed gears and the seafloor serve to quantify these interactions as minimal. Purse seine, hooks and lines and gillnets achieve SG100.		
c	**Guidepost**		Sufficient data continue to be collected to detect any increase in risk to habitat (e.g. due to changes in the outcome indicator scores or the operation of the fishery or the effectiveness of the measures).	Changes in habitat distributions over time are measured.
	Danish seine		Y	N
	Purse seine		Y	N
	Hooks and lines		Y	N
	Gillnets		Y	N
	Demersal trawls		Y	N

PI 2.4.3	Information is adequate to determine the risk posed to habitat types by the fishery and the effectiveness of the strategy to manage impacts on habitat types
Justification	Information on habitats continues to be collected through the MAREANO Program and the OSPAR Commission (www.ospar.org). The combination of VMS maps and habitat maps serve to determine the risk that a fishery may have for the habitat of a certain area. SG80 is met by all UoCs. However, the measure of changes in habitat distributions over time would require of habitat maps on the same area that date back time enough to measure trends. SG100 is not met for any UoC.
References	VMS maps. MAREANO Program OSPAR Commission (www.ospar.org) Gordon, Donald C. Jr., Ellen L.R. Kenchington, Kent D. Gilkinson, Gordon B.J. Fader, Gordon B.J. Fader, Cynthia Bourbonnais-Boyce, Kevin G. MacIsaac, David L. McKeown, Lea-Anne Henry and W. Peter Vass. Summary of the Western Bank otter trawling experiment (1997-1999): Effects on benthic habitat and communities. Can. Tech. Rep. Fish. Aquat. Sci. 2822: vii + 70 p. http://www.dfo-mpo.gc.ca/Library/336797.pdf Kaiser, M. J., Clarke, K. R., Hinz, H., Austen, M. C. V., Somerfield, P. J., and Karakassis, I. 2006. Global analysis of response and recovery of benthic biota to fishing. Marine Ecology Progress Series, 311: 1 –14. Meenakumari, B., Bhagirathan, U. and Pravin, P. Impact of Bottom Trawling on Benthic Communities: A Review. Fishery Technology 2008, Vol. 45(1) pp: 1 – 22. https://www.researchgate.net/publication/259979122_Impact_of_bottom_trawling_on_benthic_communities_a_review

OVERALL PERFORMANCE INDICATOR SCORE: Danish seine	**85**
OVERALL PERFORMANCE INDICATOR SCORE: Purse seine	**95**
OVERALL PERFORMANCE INDICATOR SCORE: Hooks and lines	**95**
OVERALL PERFORMANCE INDICATOR SCORE: Gillnets	**95**
OVERALL PERFORMANCE INDICATOR SCORE: Demersal trawls	**85**
CONDITION NUMBER (if relevant):	**N/A**

Evaluation Table for PI 2.5.1

PI 2.5.1		The fishery does not cause serious or irreversible harm to the key elements of ecosystem structure and function		
Scoring Issue		SG 60	SG 80	SG 100
a	**Guidepost**	The fishery is unlikely to disrupt the key elements underlying ecosystem structure and function to a point where there would be a serious or irreversible harm.	The fishery is highly unlikely to disrupt the key elements underlying ecosystem structure and function to a point where there would be a serious or irreversible harm.	There is evidence that the fishery is highly unlikely to disrupt the key elements underlying ecosystem structure and function to a point where there would be a serious or irreversible harm.
	Danish seine	Y	Y	Y
	Purse seine	Y	Y	Y
	Hooks and lines	Y	Y	N
	Gillnets	Y	Y	N
	Demersal trawls	Y	Y	N
	Justification	The NEA saithe fishery takes place in the coastal areas of the Norwegian Sea and the Barents Sea ecoregions, both within Norwegian EEZ. The relationships of saithe with prey species on the NEA have been studied through different ecosystem models for the Norwegian Sea (Hjollo et al, 2012; Utne et al, 2012). There are also different ecosystem models specific to the Barents Sea (EwE and Ecospace, ATLANTIS, DSF (Dinamic Stochastic food web)). The ICES Arctic Fisheries Working Group, the ICES WG for Regional Ecosystem Description, and the WG on Integrated Assessment in the Barents Sea, also provide annual assessments on the pressures for the Barents Sea and its response. The different models and assessments provide enough information to support that both the Norwegian and the Barents Sea ecosystems are relatively healthy (affected however by global warming and other human pressures). The Marine Resources Act makes it an explicit requirement that an ecosystem approach is taken to all aspects of marine resource management. Norway maintains extensive ecosystem monitoring and management programmes that review the role of fisheries and target species' trophic role. Similar monitoring programs are carried out by ICES in EU jurisdiction. A key element of this is the annual assessment, management advice and landing for the NEA saithe fishery. The fishery's share of TAC is based on ICES advice, which takes into account the potential needs of other species in the ecosystem, such as other fish species or marine mammals. However, the feed needs of other predators such as seabirds are not yet taken into account. The fact that saithe is not a low trophic level specie, and that the fishing activity is lower that FMSY, and that no major concerns have been identified during the assessment regarding other impacts on the ecosystem that the UoCs may have, give confidence that the fishery is highly unlikely to disrupt the key elements underlying ecosystem structure and function to a point where there would be a serious or irreversible harm. Given the mentioned rationale, the team considers that the fishery is highly unlikely to disrupt the key elements underlying ecosystem structure and function to a point where there would be a serious or irreversible harm. All UoCs achieve SG80.		

PI 2.5.1	The fishery does not cause serious or irreversible harm to the key elements of ecosystem structure and function
	The evidence to support such argument would be the fact that catch is taken according to scientific advice, that there are other species in the same trophic level and that the Norwegian and Barents Seas have shown availability to respond to ecosystem regime shifts. The team considers that SG100 can be met for the Danish seine and purse seine UoCs, as they have limited interactions both with ETP and primary and secondary species. However, given the numerous ETP species that interact with hooks and lines, gillnets and demersal trawls the team considers that, although it is highly unlikely that the UOCs would cause any irreversible harm to the ecosystem, there is no evidence as regards interactions with non-target species. SG100 is not met for hooks and lines, gillnets and demersal trawls.
References	ICES 2016 Report of the Arctic Fisheries Working Group (AFWG). Section 1: General description of the Barents Sea Ecosystem. ICES 2016 Report from the WG for Regional Ecosystem Description. ICES 2016 Report from the WG on Integrated Assessment in the Barents Sea. ICES 2017 General overview of the Barents Sea ecoregion ICES 2017 General overview of the Norwegian Sea ecoregion Hjollo et al, 2012; Utne et al, 2012a, b

OVERALL PERFORMANCE INDICATOR SCORE: Danish seine	**100**
OVERALL PERFORMANCE INDICATOR SCORE: Purse seine	**100**
OVERALL PERFORMANCE INDICATOR SCORE: Hooks and lines	**80**
OVERALL PERFORMANCE INDICATOR SCORE: Gillnets	**80**
OVERALL PERFORMANCE INDICATOR SCORE: Demersal trawls	**80**
CONDITION NUMBER (if relevant):	**N/A**

Evaluation Table for PI 2.5.2

PI 2.5.2		There are measures in place to ensure the fishery does not pose a risk of serious or irreversible harm to ecosystem structure and function		
Scoring Issue		SG 60	SG 80	SG 100
a	Guidepost	There are measures in place, if necessary.	There is a partial strategy in place, if necessary.	There is a strategy that consists of a plan, in place.
	Danish seine	Y	Y	Y
	Purse seine	Y	Y	Y
	Hooks and lines	Y	Y	Y
	Gillnets	Y	Y	Y
	Demersal trawls	Y	Y	Y
	Justification	The Norwegian EEZ is subject to management measures which seek profit from the fishery as well as the protection of the fishing resources. This is done by the establishment of fishing regulations, mesh limitations and technical measures, closed areas, bycatch limitations, move on rules, enforcement effort, landing obligation, and continue monitoring of many species present in the ecosystem. The Norwegian Marine Resources Act has an explicit requirement to take an ecosystem approach to resource management and exploitation. The act provides the statutory basis for the suite of regional seas management plans (for the North Sea and Skagerrak, the Norwegian Sea, and the Barents Sea), each of them aimed at monitoring and safeguarding the status of the marine environment and the resources it supports. The strategy bases its measures on data gathered through different research institutions (including IMR), ICES advice on fish stocks (which is based on SMS modelling, which includes prey-predator relationships), ICES Advisory Committee on Ecosystems (ACE), habitat mapping programs (MAREANO Programme) and OSPAR Commission research (www.ospar.org). The team considers that all these management measures confirm a plan to ensure that the fishery does not pose a risk of serious or irreversible harm to the ecosystem structure and function. SG100 is met for all UoCs.		
b	Guidepost	The measures take into account potential impacts of the fishery on key elements of the ecosystem.	The partial strategy takes into account available information and is expected to restrain impacts of the fishery on the ecosystem so as to achieve the Ecosystem Outcome 80 level of performance.	The strategy, which consists of a plan, contains measures to address all main impacts of the fishery on the ecosystem, and at least some of these measures are in place. The plan and measures are based on well-understood functional relationships between the fishery and the Components and elements of the ecosystem. This plan provides for development of a full strategy that restrains impacts on the ecosystem to ensure the fishery does not cause serious or irreversible harm.

PI 2.5.2		There are measures in place to ensure the fishery does not pose a risk of serious or irreversible harm to ecosystem structure and function		
	Danish seine	Y	Y	Y
	Purse seine	Y	Y	Y
	Hooks and lines	Y	Y	Y
	Gillnets	Y	Y	Y
	Demersal trawls	Y	Y	Y
	Justification	Different management measures, such as effort limitations, enforcement system, and fishing closures, are examples of implemented measures to address main impacts of the fishery in the ecosystem. The mentioned measures are based on a comprehensive collection of information on fish stocks, fishing removals, research undertaken by different research institutions, ICES annual or biennial advice of fishing options, and also from estimations derived from the different Norwegian and Barents Sea ecosystem models. As mentioned above, Norway has developed a suite of regional sea management plans (for the Barents Sea, the Norwegian Sea, and the North Sea and Skagerrak Sea) that are aimed at monitoring and safeguarding the status of the marine environment of the different marine ecosystems in Norwegian EEZ. The Norwegian Marine Resources Act has an explicit requirement to take an ecosystem approach to resource management and exploitation. Both the Norwegian Sea and the Barents Sea management plans contain already implemented measures to address all main impacts of the NEA saithe fishery in the ecosystem, ensuring that the fishery does not cause serious or irreversible harm. SG 100 is met for all UoCs.		
c	**Guidepost**	The measures are considered likely to work, based on plausible argument (e.g., general experience, theory or comparison with similar fisheries/ecosystems).	The partial strategy is considered likely to work, based on plausible argument (e.g., general experience, theory or comparison with similar fisheries/ecosystems).	The measures are considered likely to work based on prior experience, plausible argument or information directly from the fishery/ecosystems involved.
	Danish seine	Y	Y	Y
	Purse seine	Y	Y	Y
	Hooks and lines	Y	Y	Y
	Gillnets	Y	Y	Y
	Demersal trawls	Y	Y	Y

PI 2.5.2		There are measures in place to ensure the fishery does not pose a risk of serious or irreversible harm to ecosystem structure and function		
	Justification	The comprehensive collection of information of fish stocks, fishing removals, the research undertaken by different research institutions, ICES annual or biennial advice of fishing options, the information obtained from the different Norwegian and Barents Sea ecosystem models, along with effort limitation measures, the rigorous enforcement system, and the fishing closures of certain areas to prevent depletion of vulnerable stocks (such as the fjordline closures to protect coastal cod, and bycatch limitations to protect golden redfish), give confidence that the Norwegian Sea and Barents Sea management plans will work in ensuring the long term sustainability of the ecosystem. An example of this success would be the improvement (although not full recover yet) on the coastal cod and golden redfish stocks after the implementation of management measures. SG100 is met for all UoCs.		
d	Guidepost		There is some evidence that the measures comprising the partial strategy are being implemented successfully.	There is evidence that the measures are being implemented successfully.
	Danish seine		Y	Y
	Purse seine		Y	Y
	Hooks and lines		Y	Y
	Gillnets		Y	Y
	Demersal trawls		Y	Y
	Justification	The different measures have been implemented through different means, for a considerable period so far. These means include banning bycatch, the obligation of the use of VMS, regulating closed areas both for the protection of juveniles and for the protection of vulnerable habitats, establishing procedures for the weighing and sampling of landings, promoting marine research, establishing quotas for different marine stocks in accordance with marine research, and establishment a strong enforcement system through the Directorate of Fisheries and the Norwegian Coast Guard, to ensure the accomplishment of the different measures. Infringements are reported to be negligible. SG100 is met for all UoCS.		
References		The Norwegian Sea ecosystem programme http://www.imr.no/forskning/programmer/okosystem_norskehavet/en The Barents Sea ecosystem programme http://www.imr.no/forskning/programmer/okosystem_barentshavet/en https://ec.europa.eu/fisheries/cfp/fishing_rules/multi_annual_plans_en Norwegian Marine Resources Act ICES advice ICES Advisory Committee on Ecosystems (ACE) MAREANO Programme OSPAR Commission (www.ospar.org) Olsen, E., Gjøsæter, H., Røttingen, I., Dommasnes, A., Fossum, P., and Sandberg, P. 2007. The Norwegian ecosystem-based management plan for the Barents Sea. – ICES Journal of Marine Science, 64: 599–602. ICES 2016 Report of the Arctic Fisheries Working Group (AFWG). Section 1: General description of the Barents Sea Ecosystem. Gullestad P., Blom G., Bakke G., and Bogstad, B. (2015). The “Discard Ban Package”: Experiences in efforts to improve the exploitation patterns in Norwegian fisheries. Marine Policy 54 (2015) 1–9.		

PI 2.5.2	There are measures in place to ensure the fishery does not pose a risk of serious or irreversible harm to ecosystem structure and function	
OVERALL PERFORMANCE INDICATOR SCORE: Danish seine		100
OVERALL PERFORMANCE INDICATOR SCORE: Purse seine		100
OVERALL PERFORMANCE INDICATOR SCORE: Hooks and lines		100
OVERALL PERFORMANCE INDICATOR SCORE: Gillnets		100
OVERALL PERFORMANCE INDICATOR SCORE: Demersal trawls		100
CONDITION NUMBER (if relevant):		N/A

Evaluation Table for PI 2.5.3

PI 2.5.3		There is adequate knowledge of the impacts of the fishery on the ecosystem		
Scoring Issue		SG 60	SG 80	SG 100
a	Guidepost	Information is adequate to identify the key elements of the ecosystem (e.g., trophic structure and function, community composition, productivity pattern and biodiversity).	Information is adequate to broadly understand the key elements of the ecosystem.	
	Danish seine	Y	Y	
	Purse seine	Y	Y	
	Hooks and lines	Y	Y	
	Gillnets	Y	Y	
	Demersal trawls	Y	Y	
	Justification	Key elements of the ecosystem, such as primary and secondary productivity, and predator-prey relationships, have been studied through different ecosystem models both in the Norwegian and the Barents Seas. The trophic relationships of saithe with prey species on the North East Atlantic have been studied through ecosystem models for the Norwegian Sea (Hjollo et al, 2012; Utne et al, 2012) and the Barents Sea. The Norwegian Institute for Nature Research (NINA) monitors birds populations while the IMR Institute studies the Norwegian Sea ecosystem through the Norwecom.E2E project. Information from these studies is adequate to broadly understand the key elements of the ecosystem in this area. SG80 is met.		
b	Guidepost	Main impacts of the fishery on these key ecosystem elements can be inferred from existing information, and have not been investigated in detail.	Main impacts of the fishery on these key ecosystem elements can be inferred from existing information and some have been investigated in detail.	Main interactions between the fishery and these ecosystem elements can be inferred from existing information, and have been investigated.

PI 2.5.3		There is adequate knowledge of the impacts of the fishery on the ecosystem		
	Danish seine	Y	Y	Y
	Purse seine	Y	Y	Y
	Hooks and lines	Y	Y	Y
	Gillnets	Y	Y	Y
	Demersal trawls	Y	Y	Y
	Justification	Direct fishery interactions are reasonably well understood and indirect effects can be inferred, often from direct experience or comparison with similar species and areas elsewhere. Stock–recruitment relationships are a focus of detailed attention in many stocks, including the targeted saithe. Ecosystem modelling is an on-going aspect of IMR investigations. The different models and projects mentioned in 2.5.1 serve to describe main impacts and interactions between the UoCs and the different ecosystem elements, such as fishery biomass removal, trophic interactions and prey relationships or impacts on the seabed. SG100 is met for all UoCs.		
c	Guidepost		The main functions of the Components (i.e., target, Bycatch, Retained and ETP species and Habitats) in the ecosystem are known.	The impacts of the fishery on target, Bycatch, Retained and ETP species are identified and the main functions of these Components in the ecosystem are understood.
	Danish seine	Y	Y	N
	Purse seine	Y	Y	N
	Hooks and lines	Y	Y	N
	Gillnets	Y	Y	N
	Demersal trawls	Y	Y	N
	Justification	The long-established and long-term research programmes have built a database that ensures that the main functions of the components in the ecosystem are known. Different ecosystem models (mentioned in 2.5.1) provide a broad knowledge of the impacts that the fishery has on the targeted species and dependent predators. Impacts of the fishery on target and retained species are quantified and monitored. Although the landing obligation would require all species to be landed, there is an exemption to it which allows discarding of certain shark species. The lack of records of interactions with those discarded species, along with the lack of records on non-fatal interactions with ETP species make it difficult to assure that main functions of these components in the ecosystem are understood. All UoCS meet SG80.		
d	Guidepost		Sufficient information is available on the impacts of the fishery on these Components to allow some of the main consequences for the ecosystem to be inferred.	Sufficient information is available on the impacts of the fishery on the Components and elements to allow the main consequences for the ecosystem to be inferred.

PI 2.5.3		There is adequate knowledge of the impacts of the fishery on the ecosystem		
	Danish seine		Y	Y
	Purse seine		Y	Y
	Hooks and lines		Y	Y
	Gillnets		Y	Y
	Demersal trawls		Y	Y
	Justification	The long-established and long-term research programmes have built a database that ensures that interactions with fish, bird and mammal components can be inferred even if they cannot be quantified explicitly. Moreover, there is plenty of information regarding the impact that the fishery may have on different scoring elements such as the different fish species in PI 2.1.1. Information collected by the MAREANO programme also serves to infer what may be the consequences for the different affected habitats. Collected information is central to an ecosystem approach, as required by the Marine Resources Act, and is used in the design of both the Norwegian Sea and Baremts Sea ecosystem management plans. Available information gathered by landing records and sampling, research investigation and ecosystem modelling are considered adequate to allow the main consequences for the ecosystem to be inferred. SG100 is met for all UoCs.		
e	Guidepost		Sufficient data continue to be collected to detect any increase in risk level (e.g., due to changes in the outcome indicator scores or the operation of the fishery or the effectiveness of the measures).	Information is sufficient to support the development of strategies to manage ecosystem impacts.
	Danish seine		Y	Y
	Purse seine		Y	Y
	Hooks and lines		Y	Y
	Gillnets		Y	Y
	Demersal trawls		Y	Y
	Justification	Detailed information is obtained through landing obligation, landing records and sampling, VMS tracks on fishing grounds, ICES advice on different fishing stocks, IMR research trips and programmes, monitoring of marine mammals and bird populations, studies on climate change impacts, sampling on benthic communities and mapping of Norwegian EEZ seabed, along with the enforcement system and monitoring of protected areas, are considered to provide adequate information to detect any increase in risk levels. SG80 is met. The associated database is considered sufficient to support the development of strategies to manage ecosystem impacts. SG100 is met for all UoCs.		
References		IMR Institute for Marine Research Norwecom.E2E project. Utne, K. R., S. S. Hjøllo, G. Huse, and M. Skogen (2012). Estimating the comsumption of *Calanus finmarchicus* by planktivorous fish in the Norwegian Sea		

PI 2.5.3	There is adequate knowledge of the impacts of the fishery on the ecosystem
	using a fully coupled 3D model system. Marine Biology Research 8 (5-6), 527–547. Hjøllo,S.S., Husea, G., Skogena, M.D., and Mellea, W. 2012. Modelling secondary production in the Norwegian Sea with a fully coupled physical/primary production/individual-based *Calanus finmarchicus* model system. Marine Biology Research April 2012; Volume 8 (5-6): Pages 508-526 http://dx.doi.org/10.1080/17451000.2011.642805.

OVERALL PERFORMANCE INDICATOR SCORE: Danish seine	**95**
OVERALL PERFORMANCE INDICATOR SCORE: Purse seine	**95**
OVERALL PERFORMANCE INDICATOR SCORE: Hooks and lines	**95**
OVERALL PERFORMANCE INDICATOR SCORE: Gillnets	**95**
OVERALL PERFORMANCE INDICATOR SCORE: Demersal trawls	**95**
CONDITION NUMBER (if relevant):	**N/A**

Principle 3

Evaluation Table for PI 3.1.1

PI 3.1.1		The management system exists within an appropriate legal and/or customary framework which ensures that it: • Is capable of delivering sustainable fisheries in accordance with MSC Principles 1 and 2; and • Observes the legal rights created explicitly or established by custom of people dependent on fishing for food or livelihood; and • Incorporates an appropriate dispute resolution framework.		
Scoring Issue		SG 60	SG 80	SG 100
a	**Guidepost**	There is an effective national legal system and a framework for cooperation with other parties, where necessary, to deliver management outcomes consistent with MSC Principles 1 and 2	There is an effective national legal system and organised and effective cooperation with other parties, where necessary, to deliver management outcomes consistent with MSC Principles 1 and 2.	There is an effective national legal system and binding procedures governing cooperation with other parties which delivers management outcomes consistent with MSC Principles 1 and 2.
	Met?	Y	Y	Y

PI 3.1.1		**The management system exists within an appropriate legal and/or customary framework which ensures that it:** • **Is capable of delivering sustainable fisheries in accordance with MSC Principles 1 and 2; and** • **Observes the legal rights created explicitly or established by custom of people dependent on fishing for food or livelihood; and** • **Incorporates an appropriate dispute resolution framework.**		
	Justification	Norway has a well-established system for fisheries management, which has evolved over more than a century and is now codified in the 2008 Marine Resources Act and secondary legislation. The Act applies to all catch and use of marine resources and their genetic material (§ 3) and covers issues such as bioprospecting (Chapter 2), catch levels and quotas (Chapter 3), catch and use of marine resources (Chapter 4), arrangements on the fishing fields, liability for damage and local regulations (Chapter 5) and monitoring, enforcement, sanctions and criminal liability (Chapters 6–12) (see PI 3.2.3 below). The Marine Resources Act is a framework law, which in the main authorizes the Government to issue specific regulations within designated fields. The most important rules are found in the Regulation on the Execution of Marine Fisheries, which is updated annually. The Regulation contains rules for mesh size, selection and limitations on the use of specific catch gear (Chapters II–V), seasonal restrictions (Chapter VI), bycatch (Chapters VII–VIII), minimal fish size (Chapter IX), discard ban (Chapter X), restrictions on the use of trawl in specific areas (Chapters XI–XII), protection of coral reefs (Chapter XIII), documentation on hold volumes (Chapter XIV), marking of vessels and gear (Chapters XV–XVI), loss of gear (Chapter XVII) and fish welfare (Chapter XVIII). Other important legal instruments are the 1999 Act on the Right to Participate in Fisheries, the 2015 Act on First-Hand Sales of Wild Catch of Marine Resources, the 2016 Regulation on Participation in Fisheries, the 2016 Regulation on Licencing and the 2016 Regulation on Landing and Sales Notes. All Regulations are subject to running modifications and additions through so-called J-orders, which are distributed to the fishing fleet electronically. This includes dedicated and regularly updated annual regulations for the fishery of each specific species, including separate regulations for saithe. The executive body at governmental level is the Ministry of Trade, Industry and Fisheries, while the practical regulation of fisheries is delegated to the Directorate of Fisheries. Enforcement at sea is taken care of by the Coast Guard, which is part of the Royal Norwegian Navy, but performs tasks on behalf of several ministries, including the Ministry of Trade, Industry and Fisheries. Scientific research is performed by the Institute of Marine Research. Fisheries management authorities coordinate their regulatory work with that of other bodies of governance, for instance the Ministry of Climate and Environment and the Norwegian Environmental Agency, which are responsible for the implementation of the integrated management plans for different marine areas. The system is considered to be effective insofar as it constitutes a coherent set of binding rule-making practices. SG 100 is met.		
b	**Guidepost**	The management system incorporates or is subject by law to a mechanism for the resolution of legal disputes arising within the system.	The management system incorporates or is subject by law to a transparent mechanism for the resolution of legal disputes which is considered to be effective in dealing with most issues and that is appropriate to the context of the fishery.	The management system incorporates or subject by law to a transparent mechanism for the resolution of legal disputes that is appropriate to the context of the fishery and has been tested and proven to be effective.
	Met?	Y	Y	Y

PI 3.1.1		**The management system exists within an appropriate legal and/or customary framework which ensures that it:** • **Is capable of delivering sustainable fisheries in accordance with MSC Principles 1 and 2; and** • **Observes the legal rights created explicitly or established by custom of people dependent on fishing for food or livelihood; and** • **Incorporates an appropriate dispute resolution framework.**		
	Justification	At the national level in Norway, there is an effective, transparent dispute resolution system in place, as fishermen can take their case to court if they do not accept the rationale behind an infringement accusation by enforcement authorities, or the fees levied against them. Verdicts at the lower court levels can be appealed to higher levels. There are instances from recent years that management authorities have lost cases against fishermen and accepted the verdict, which is a clear demonstration that the system works. SG 100 is met.		
d	**Guidepost**	The management system has a mechanism to generally respect the legal rights created explicitly or established by custom of people dependent on fishing for food or livelihood in a manner consistent with the objectives of MSC Principles 1 and 2.	The management system has a mechanism to observe the legal rights created explicitly or established by custom of people dependent on fishing for food or livelihood in a manner consistent with the objectives of MSC Principles 1 and 2.	The management system has a mechanism to formally commit to the legal rights created explicitly or established by custom of people dependent on fishing for food and livelihood in a manner consistent with the objectives of MSC Principles 1 and 2.
	Met?	Y	Y	Y
	Justification	The Norwegian system for fisheries management includes various mechanisms that generally respect and observe the rights of the coastal population along the country's northern, western and southern coast. For the most important species, significantly and proportionately larger quota shares are allotted to coastal fisheries than to the ocean going fleet (see, for instance, the Regulation on Participation in Fisheries for an overview), with particular attention to the traditional fisheries of the coastal Sami population in the northernmost part of the country. The Sami Parliament, which is a consultative body for the indigenous Sami population on Norwegian territory, is consulted on all management measures, including the distribution of the national quota, related to species of particular historic importance to the Sami. The Government has formally committed to this through the 2005 Royal Decree on Consultations with the Sami Parliament. SG 100 is met.		
References		• Deltakerloven, LOV-1999-03-26-15, 1999 (Act on the Right to Participate in Fisheries). • Interviews with representatives of the Directorate of Fisheries and Ministry of Trade, Industry and Fisheries during the site visit. • J-36-2016: Forskrift om landings- og sluttseddel (landingsforskriften), 2016 (Regulation on Landing and Sales Notes). • J-115-2016: Konsesjonsforskriften, 2016 (Regulation on Licencing). • J-122-2016: Deltakerforskriften, 2016 (Regulation on Participation in Fisheries). • J-125-2016: Forskrift om utøvelse av fisket i sjøen, 2016 (Regulation on the Execution of Marine Fisheries). • J-153-2017: Forskrift om regulering av fisket etter torsk, hyse og sei nord for 62°N i 2017 (Regulation on the Fishery for Cod, Haddock and Saithe North of 62°N in 2017). • Lov om førstehandsomsetning av viltlevande marine ressursar (fiskesalslagslova), LOV-2015-06-19-65, 2015 (Act on First-Hand Sales of Wild Catch of Marine Resources). • Lov om forvaltning av viltlevande marine ressursar (havressurslova),		

PI 3.1.1	**The management system exists within an appropriate legal and/or customary framework which ensures that it:** • **Is capable of delivering sustainable fisheries in accordance with MSC Principles 1 and 2; and** • **Observes the legal rights created explicitly or established by custom of people dependent on fishing for food or livelihood; and** • **Incorporates an appropriate dispute resolution framework.**
	LOV-2008-06-06-37, 2008 (Marine Resources Act). • Meld. St. 10 (2010–2011) Oppdatering av forvaltningsplanen for det marine miljø i Barentshavet og havområdene utenfor Lofoten, 2011 (Update of the [Integrated] Management Plan for the Marine Environment in the Barents Sea and the Marine Area outside Lofoten). • Meld. St. 37 (2012–2013) Helhetlig forvaltning av det marine miljø i Nordsjøen og Skagerrak (forvaltningsplan), 2013 (White Paper on the Integrated Management Plan for the North Sea and Skagerrak). • Meld. St. 35 (2016–2017) Oppdatering av forvaltningsplanen for Norskehavet, 2017 (Update of the [Integrated] Management Plan for the Norwegian Sea). • Prosedyrer for konsultasjoner med Sametinget, Kgl. res. 04/186, 2005 (Royal Decree on Procedures for Consultations with the Sami Parliament). • NEAFC Dispute Resolution Mechanism, Annex K – Amendment of the Convention on Dispute Settlement, 2004. • Prosedyrer for konsultasjoner med Sametinget, Kgl. res. 04/186, 2005 (Royal Decree on Procedures for Consultations with the Sami Parliament). • St. meld. nr. 37 (2008-2009) Helhetlig forvaltning av det marine miljø i Norskehavet (forvaltningsplan), 2009 (White Paper on the Integrated Management Plan for the Norwegian Sea).

OVERALL PERFORMANCE INDICATOR SCORE:	**100**
CONDITION NUMBER (if relevant):	

Evaluation Table for PI 3.1.2

PI 3.1.2		The management system has effective consultation processes that are open to interested and affected parties. The roles and responsibilities of organisations and individuals who are involved in the management process are clear and understood by all relevant parties		
Scoring Issue		SG 60	SG 80	SG 100
a	**Guidepost**	Organisations and individuals involved in the management process have been identified. Functions, roles and responsibilities are generally understood.	Organisations and individuals involved in the management process have been identified. Functions, roles and responsibilities are explicitly defined and well understood for key areas of responsibility and interaction.	Organisations and individuals involved in the management process have been identified. Functions, roles and responsibilities are explicitly defined and well understood for all areas of responsibility and interaction.
	Met?	Y	Y	Y
	Justification	The most important organizations involved in Norwegian fisheries management are government bodies such as the Ministry of Trade, Industry and Fisheries, the Directorate of Fisheries and the Coast Guard, sales organizations such as the Norwegian Fishermen's Sales Organization, fishermen's organizations such as the Norwegian Fishermen's Association and environmental NGOs such as WWF, Greenpeace and the Norwegian Society for the Conservation of Nature. The Sami Parliament is consulted in the management of fisheries that are of historical importance to the Sami people. The roles, functions and responsibilities of the various actors are clearly defined in longstanding practice and are now codified in the Marine Resources Act and secondary legislation. According to interviews at the site visit, roles, functions and responsibilities are well understood by all involved entities in all areas of responsibility and interaction. SG 100 is met.		
b	**Guidepost**	The management system includes consultation processes that obtain relevant information from the main affected parties, including local knowledge, to inform the management system.	The management system includes consultation processes that regularly seek and accept relevant information, including local knowledge. The management system demonstrates consideration of the information obtained.	The management system includes consultation processes that regularly seek and accept relevant information, including local knowledge. The management system demonstrates consideration of the information and explains how it is used or not used.
	Met?	Y	Y	Y

PI 3.1.2		**The management system has effective consultation processes that are open to interested and affected parties.** **The roles and responsibilities of organisations and individuals who are involved in the management process are clear and understood by all relevant parties**		
	Justification	Norway has a long tradition of including non-governmental organizations in fisheries management, with continuous consultation and close cooperation between governmental agencies and user-group organizations, in particular, the Norwegian Fishermen's Association, but also the more specialized organizations such as the fishermen's sales organizations. As these organizations have regional branches, whose representatives are actively involved in policy-making, ensuring that local knowledge is also taken into consideration in the management process. So-called Regulatory Meetings are organized twice a year are open to all; user-group organizations and NGOs attend on a regular basis. In addition, there is day-to-day contact by telephone and email between authorities, user groups and other interested parties. Distribution of the national quota between different gear and fishing fleets has in practice been delegated to the Norwegian Association of Fishermen, which includes all fishermen from the smallest coastal vessels to ocean-going trawlers. Hence, the inherent conflict of interest between different vessel types is handled at the level of the Fishermen's Association, and the outcome is formalized by the Ministry or Directorate after agreement has been reached within the Association. Technical regulation measures are to a large extent decided upon in direct consultations 'over the table' between authorities and user groups at the Regulatory Meetings. As mentioned under SI 3.1.1 d) above, the Sami Parliament is formally consulted in the management of fisheries that are of historical importance to the Sami population. In addition to formal and informal consultation on the running regulation of the fisheries, user-group organizations and authorities work together – e.g. in designated working groups – to tackle new and emerging challenges to the fishery, such as conflicts with the petroleum sector, marine litter, ghost fishing and other threats to the marine environment. User groups such as the Norwegian Fishermen's Association also participate in the annual negotiations conducted between Norway and other countries. Norwegian management authorities actively seek advice from user groups in preparation for all international consultations and negotiations, and user groups are included in the Norwegian delegation. Consultation processes are inclusive and transparent, and according to views expressed by user-group representatives and individual fishermen during the site visit, authorities explain how the information is used or not used. SG 100 is met.		
c	**Guidepost**		The consultation process provides opportunity for all interested and affected parties to be involved.	The consultation process provides opportunity and encouragement for all interested and affected parties to be involved, and facilitates their effective engagement.
	Met?		Y	Y
	Justification	As follows from SI 3.1.2 b) above, the consultation processes provide ample opportunity for all interested and affected parties to be involved in discussions about fisheries management. All interested parties are given the opportunity to participate in the Regulatory Meetings, which is the most important formal arena for interaction between fisheries management authorities and the public in Norway. Meetings are announced publicly and all relevant stakeholders are well informed about where and when the meetings take place. The fact that the distribution of quota shares between different vessels are in effect decided within the Fishermen's Association before being formalized by the authorities, and that many technical regulations are agreed upon at the Regulatory Meetings, goes to show that authorities give user groups sufficient opportunity and encouragement and actively facilitate their effective engagement. SG 100 is met.		

PI 3.1.2	**The management system has effective consultation processes that are open to interested and affected parties.** **The roles and responsibilities of organisations and individuals who are involved in the management process are clear and understood by all relevant parties**
References	Interviews with representatives of the Directorate of Fisheries, representatives of the Norwegian Fishermen's Association and individual fishermen during the site visit. Lov om førstehandsomsetning av viltlevande marine ressursar (fiskesalslagslova), LOV-2015-06-19-65, 2015 (Act on First-Hand Sales of Wild Catch of Marine Resources). Lov om forvaltning av viltlevande marine ressursar (havressurslova), LOV-2008-06-06-37, 2008 (Marine Resources Act). Lov om kystvakten (kystvaktloven), LOV-2015-06-19-65, 1997 (Coast Guard Act). Referat fra reguleringsmøtet 2. og 3. november 2016, Directorate of Fisheries, 2016 (Minutes from the Regulatory Meeting 2 and 3 November 2016). Referat fra reguleringsmøtet 8. juni 2017, Directorate of Fisheries, 2017 (Minutes from the Regulatory Meeting 8 June 2017). Prosedyrer for konsultasjoner med Sametinget, Kgr. res. 04/186, 2005 (Royal Decree on Procedures for Consultations with the Sami Parliament).

OVERALL PERFORMANCE INDICATOR SCORE:	**100**
CONDITION NUMBER (if relevant):	

Evaluation Table for PI 3.1.3

PI 3.1.3		The management policy has clear long-term objectives to guide decision-making that are consistent with MSC Principles and Criteria, and incorporates the precautionary approach		
Scoring Issue		SG 60	SG 80	SG 100
a	**Guidepost**	Long-term objectives to guide decision-making, consistent with the MSC Principles and Criteria and the precautionary approach, are implicit within management policy	Clear long-term objectives that guide decision-making, consistent with MSC Principles and Criteria and the precautionary approach are explicit within management policy.	Clear long-term objectives that guide decision-making, consistent with MSC Principles and Criteria and the precautionary approach, are explicit within and required by management policy.
	Met?	Y	Y	Y
	Justification	The 2008 Marine Resources Act requires that Norwegian fisheries management be guided by the precautionary approach, in line with international treaties and guidelines (§ 7 a)), and by an ecosystem approach that takes into account habitats and biodiversity (§ 7 b)). The same objectives are found in the most relevant policy documents, such as the integrated management plans for the Barents and Norwegian Seas, and for the North Sea and Skagerrak. SG 100 is met.		
References		Lov om forvaltning av viltlevande marine ressursar (havressurslova), LOV-2008-06-06-37, 2008 (Marine Resources Act). Meld..St. 10 (2010–2011) Oppdatering av forvaltningsplanen for det marine miljø i Barentshavet og havområdene utenfor Lofoten, 2011 (Update of the [Integrated] Management Plan for the Marine Environment in the Barents Sea and the Marine Area outside Lofoten). Meld. St. 37 (2012–2013) Helhetlig forvaltning av det marine miljø i Nordsjøen og Skagerrak (forvaltningsplan), 2013 (White Paper on the Integrated Management Plan for the North Sea and Skagerrak). Meld. St. 35 (2016–2017) Oppdatering av forvaltningsplanen for Norskehavet, 2017 (Update of the [Integrated] Management Plan for the Norwegian Sea).		
OVERALL PERFORMANCE INDICATOR SCORE:				**100**
CONDITION NUMBER (if relevant):				

Evaluation Table for PI 3.1.4

PI 3.1.4		The management system provides economic and social incentives for sustainable fishing and does not operate with subsidies that contribute to unsustainable fishing		
Scoring Issue		SG 60	SG 80	SG 100
a	**Guidepost**	The management system provides for incentives that are consistent with achieving the outcomes expressed by MSC Principles 1 and 2.	The management system provides for incentives that are consistent with achieving the outcomes expressed by MSC Principles 1 and 2, and seeks to ensure that perverse incentives do not arise.	The management system provides for incentives that are consistent with achieving the outcomes expressed by MSC Principles 1 and 2, and explicitly considers incentives in a regular review of management policy or procedures to ensure they do not contribute to unsustainable fishing practices.
	Met?	Y	Y	Y
	Justification	The management system provides for negative incentives designed to prevent fishers from violating regulations (see PI 3.2.3 on the enforcement system for details), designed to meet the outcomes expressed by MSC Principles 1 and 2 (see PIs 3.1.3 and 3.2.1 on the objectives of the general and fishery-specific management systems, respectively). These incentives are subject to regular internal review of enforcement policies. A risk-based framework aimed at utilizing resources to optimize compliance at any given moment is applied, implying that priorities are regularly amended. The management system does not include any subsidies that contribute to unsustainable fishing or ecosystem degradation. Subsidies to the fishing fleet were terminated in 1990 following the agreement between the European Free Trade Area signatories, negotiated in preparation of the European Economic Area Agreement. Since incentives are explicitly reviewed on a regular basis, and no subsidies exist in the fishery, SG 100 is met.		
References		Interviews with representatives of the Directorate of Fisheries, representatives of the Norwegian Fishermen's Association and individual fishermen during the site visit. Lov om forvaltning av viltlevande marine ressursar (havressurslova), LOV-2008-06-06-37, 2008 (Marine Resources Act).		

OVERALL PERFORMANCE INDICATOR SCORE:	**100**
CONDITION NUMBER (if relevant):	

Evaluation Table for PI 3.2.1

PI 3.2.1		The fishery has clear, specific objectives designed to achieve the outcomes expressed by MSC's Principles 1 and 2		
Scoring Issue		SG 60	SG 80	SG 100
a	**Guidepost**	Objectives, which are broadly consistent with achieving the outcomes expressed by MSC's Principles 1 and 2, are implicit within the fishery's management system	Short and long-term objectives, which are consistent with achieving the outcomes expressed by MSC's Principles 1 and 2, are explicit within the fishery's management system.	Well defined and measurable short and long-term objectives, which are demonstrably consistent with achieving the outcomes expressed by MSC's Principles 1 and 2, are explicit within the fishery's management system.
	Met?	Y	Y	Y
	Justification	Well defined and measurable short and long-term objectives consistent with achieving the outcomes of MSC Principles 1 and 2 are explicit in the integrated management plans for the Barents and Norwegian Seas, the Marine Resources Act and supporting legislation on the Norwegian saithe fishery. This includes objectives to maintain fish stocks at sustainable levels (here: both target stocks and other retained species) and protect other parts of the ecosystem, such as habitats. These objectives are well defined and measurable, in the sense that performance against them can be measured through the enforcement bodies' recording and inspection routines (see PI 3.2.3). SG 100 is met.		
References		J-125-2016: Forskrift om utøvelse av fisket i sjøen, 2016 (Regulation on the Execution of Marine Fisheries). J-153-2017: Forskrift om regulering av fisket etter torsk, hyse og sei nord for 62°N i 2017 (Regulation on the Fishery for Cod, Haddock and Saithe North of 62°N in 2017). Lov om forvaltning av viltlevande marine ressursar (havressurslova), LOV-2008-06-06-37, 2008 (Marine Resources Act). Meld. St. 10 (2010–2011) Oppdatering av forvaltningsplanen for det marine miljø i Barentshavet og havområdene utenfor Lofoten, 2011 (Update of the [Integrated] Management Plan for the Marine Environment in the Barents Sea and the Marine Area outside Lofoten). Meld. St. 35 (2016–2017) Oppdatering av forvaltningsplanen for Norskehavet, 2017 (Update of the [Integrated] Management Plan for the Norwegian Sea).		
OVERALL PERFORMANCE INDICATOR SCORE:				**100**
CONDITION NUMBER (if relevant):				

Evaluation Table for PI 3.2.2

PI 3.2.2		The fishery-specific management system includes effective decision-making processes that result in measures and strategies to achieve the objectives, and has an appropriate approach to actual disputes in the fishery under assessment.		
Scoring Issue		SG 60	SG 80	SG 100
a	**Guidepost**	There are some decision-making processes in place that result in measures and strategies to achieve the fishery-specific objectives.	There are established decision-making processes that result in measures and strategies to achieve the fishery-specific objectives.	
	Met?	Y	Y	
	Justification	Established decision-making procedures at national level in Norway – evolved over several decades and now codified in the 2008 Marine Resources Act and secondary legislation – ensure that strategies are produced and measures taken to achieve the fishery-specific objectives. This applies to the saithe fisheries as it does to Norwegian fisheries in general; see PIs 3.1.1 and 3.1.2 above. The Ministry of Trade, Industry and Fisheries decides on policy and regulatory schemes, while the Directorate of Fisheries acts as a technical body with a main responsibility for secondary legislation. The Directorate and the Coast Guard perform compliance control, on shore and at sea respectively. The decision-making processes include the allocation of national quotas to different fleet groups according to an elaborate distributional scheme based on vessel groups defined by gear and length of the vessels. Further, technical regulations are defined by the Directorate of Fisheries, after consultations with user groups and other stakeholders. The enforcement system is further described under PI 3.2.3 below. SG 100 is met.		
b	**Guidepost**	Decision-making processes respond to serious issues identified in relevant research, monitoring, evaluation and consultation, in a transparent, timely and adaptive manner and take some account of the wider implications of decisions.	Decision-making processes respond to serious and other important issues identified in relevant research, monitoring, evaluation and consultation, in a transparent, timely and adaptive manner and take account of the wider implications of decisions.	Decision-making processes respond to all issues identified in relevant research, monitoring, evaluation and consultation, in a transparent, timely and adaptive manner and take account of the wider implications of decisions.
	Met?	Y	Y	Y

PI 3.2.2		The fishery-specific management system includes effective decision-making processes that result in measures and strategies to achieve the objectives, and has an appropriate approach to actual disputes in the fishery under assessment.		
	Justification	The well-established decision-making procedures in the Norwegian system for fisheries management respond to issues identified in research, monitoring, evaluation or by groups with an interest in the fishery through the arenas for regular consultations between governmental agencies and the public. This happens first and foremost at the Regulatory Meetings, further through ad hoc consultation with the industry and other stakeholders (see PI 3.1.2 above). In addition, there is close contact between authorities and scientific research institutions, primarily between the Directorate of Fisheries and the Institute of Marine Research. Both scientists and user-group representatives claim that the relevant governmental agencies are open to any kind of input at any time. They feel that the authorities' response is transparent and timely and that the ensuing policy options take adequate account of their advice. One recent example is how Norwegian authorities immediately took action when the seapen challenge was identified (see discussion under P2 above). It is a principal challenge to claim that absolutely 'all' issues are responded to, which is required to achieve a 100 score on this SI, but from an opposite point of view, we cannot see that there issues that are not responded to in this fishery. Hence, SG 100 is met.		
c	Guidepost		Decision-making processes use the precautionary approach and are based on best available information.	
	Met?		Y	
	Justification	Decision-making processes are based on scientific recommendations from ICES and the Institute for Marine Research. The Norwegian Marine Resources Act, which applies to the capture of all marine species, requires fisheries management to be based on the precautionary approach (see PI 3.1.3 above). SG 80 is met.		
d	Guidepost	Some information on fishery performance and management action is generally available on request to stakeholders.	Information on fishery performance and management action is available on request, and explanations are provided for any actions or lack of action associated with findings and relevant recommendations emerging from research, monitoring, evaluation and review activity.	Formal reporting to all interested stakeholders provides comprehensive information on fishery performance and management actions and describes how the management system responded to findings and relevant recommendations emerging from research, monitoring, evaluation and review activity.
	Met?	Y	Y	Y

PI 3.2.2		The fishery-specific management system includes effective decision-making processes that result in measures and strategies to achieve the objectives, and has an appropriate approach to actual disputes in the fishery under assessment.		
	Justification	The Ministry of Trade, Industry and Fisheries submits annual reports to the Parliament on behalf of the entire system for fisheries management (see PI 3.2.5 below). Other involved agencies, such as the Institute of Marine Research, the Directorate of Fisheries and the Coast Guard, produce annual reports that are available to the public on request. In these reports, actions taken or not taken by the relevant authority are accounted for, including those proposed on the basis of information from research, monitoring, evaluation and review activity. The website of the Directorate of Fisheries contains detailed and updated information on quotas and catches broken down to individual vessels, species and gear, among other things. In the opinion of the assessment team, this counts as formal reporting appropriate to the context of the fishery, as much as letters to stakeholders would have done. SG 100 is met.		
e	Guidepost	Although the management authority or fishery may be subject to continuing court challenges, it is not indicating a disrespect or defiance of the law by repeatedly violating the same law or regulation necessary for the sustainability for the fishery.	The management system or fishery is attempting to comply in a timely fashion with judicial decisions arising from any legal challenges.	The management system or fishery acts proactively to avoid legal disputes or rapidly implements judicial decisions arising from legal challenges.
	Met?	Y	Y	Y
	Justification	The Norwegian system for fisheries management is not subject to continuing court challenges. When occasionally taken to court by fishing companies, the management authority complies with the judicial decision in a timely manner. There are, for instance, recent examples of authorities losing court cases and immediately accepting the verdict. However, the management authority works proactively to avoid legal disputes. This is done partly through the tight cooperation with user groups at the regulatory level (see PI 3.1.2 above), ensuring as high legitimacy as possible for regulations and other management decisions. Regulatory and enforcement authorities offer advice to the fleet on how to avoid infringements, on request but often on their own initiative (see PI 3.2.3 below). For example, Coast Guard inspectors work in a dedicated manner to communicate with fishers on the fishing grounds, keeping them updated on changes in regulations and explaining the rationale of the rules in an attempt to increase their legitimacy. In 2012, the enforcement agencies were given the authority to issue administrative penalties for minor infringements (serious enough to be met by a reaction above a written warning), thus referring only the more serious cases to prosecution by the police and possible transfer to the court system. SG 100 is met.		
References		Interviews with representatives of the Directorate of Fisheries, the Institute of Marine Research, the Ministry of Trade, Industry and Fisheries and the Norwegian Fishermen's Association as well as individual fishermen during the site visit. Lov om forvaltning av viltlevande marine ressursar (havressurslova), LOV-2008-06-06-37, 2008 (Marine Resources Act). Referat fra reguleringsmøtet 2. og 3. november 2016, Directorate of Fisheries, 2016 (Minutes from the Regulatory Meeting 2 and 3 November 2016). Referat fra reguleringsmøtet 8. juni 2017, Directorate of Fisheries, 2017 (Minutes from the Regulatory Meeting 8 June 2017).		

PI 3.2.2	**The fishery-specific management system includes effective decision-making processes that result in measures and strategies to achieve the objectives, and has an appropriate approach to actual disputes in the fishery under assessment.**	
OVERALL PERFORMANCE INDICATOR SCORE:		**100**
CONDITION NUMBER (if relevant):		

Evaluation Table for PI 3.2.3

PI 3.2.3		Monitoring, control and surveillance mechanisms ensure the fishery's management measures are enforced and complied with		
Scoring Issue		SG 60	SG 80	SG 100
a	**Guidepost**	Monitoring, control and surveillance mechanisms exist, are implemented in the fishery under assessment and there is a reasonable expectation that they are effective.	A monitoring, control and surveillance system has been implemented in the fishery under assessment and has demonstrated an ability to enforce relevant management measures, strategies and/or rules.	A comprehensive monitoring, control and surveillance system has been implemented in the fishery under assessment and has demonstrated a consistent ability to enforce relevant management measures, strategies and/or rules.
	Met?	Y	Y	Y

PI 3.2.3		Monitoring, control and surveillance mechanisms ensure the fishery's management measures are enforced and complied with
	Justification	The 2008 Marine Resources Act contains provisions in Chapter 6 on fishermen's duties to contribute to an effective control (see, e.g., § 36 and § 39 on catch log and sales notes requirements, respectively); in Chapter 7 on authorities' responsibilities for control and enforcement (including, in § 48, the sales organizations' control obligations); in Chapter 8 measures to combat illegal, unreported and unregulated (IUU) fisheries (including § 50 on the ban to land IUU catch); and in Chapter 9 on illegally caught fish. The Marine Resources Act places the overall responsibility for monitoring, control and surveillance in Norwegian fisheries with the Directorate of Fisheries (§ 44). The 1997 Coast Guard Act provides the Coast Guard with the authority to conduct inspections in waters under Norwegian jurisdiction, within the fields covered by the Marine Resources Act and secondary legislation given with statutory authority in that Act (§ 9). Hence, MCS in Norwegian fisheries is taken care of through shared responsibility and close collaboration between the Directorate of Fisheries, the Coast Guard and the regional sales organizations. The Directorate of Fisheries keeps track of how much fish is taken of the quotas of individual vessels, different vessel groups and other states at any given time, based on reports from the fishing fleet. Norwegian vessels are required to have electronic logbooks, or more specifically Electronic Reporting Systems (ERS). This implies that real-time data are forwarded to the Directorate of Fisheries, with the possibility to make corrections of data submitted each day within 12 hours into the next day. Norway has agreements in place with a number of other countries about exchange of ERS data, including the EU. The self-reported catch data can be checked at sales operations through the sales organizations, which have monopoly on first-hand sale of fish in Norway, and through physical checks performed by the sales organizations, the Directorate of Fisheries and the Coast Guard. The sales organizations are required to record all landings of fish in Norway and keep track of how much remains of a vessel's quota at any given time, on the basis of the landings data. This information is compared to the figures provided by the vessels to the Directorate of Fisheries through the electronic logbook. The value of any catch delivered above a vessel's quota is retained by the sales organization and used for control purposes. The sales organizations have their own inspectors who carry out physical controls of landings. They check, among other things, weighing equipment, quantity and size distribution of the catch, the quality of the fish and documentation. The Directorate has seven regional offices along the coast, staffed with inspectors that carry out independent physical control of the fish at the point of landing, including total volume, species and fish size. All landings have to be reported six hours in advance in order to give the inspectors the possibility to check the landed catch. The landed volumes are compared to the volumes reported to the Directorate through the logbooks. Both landing and at-sea control is conducted using a risk-based framework aimed at utilizing resources to optimize compliance at any given moment. As mentioned under SI 3.1.1 a) above, the Coast Guard is administratively part of the Norwegian Navy but performs tasks on behalf of several ministries, including the Ministry of Trade, Industry and Fisheries. Its most important field of work in practice is fishery inspections. Coast Guard inspectors board fishing vessels and control the catch (e.g. catch composition and fish size) and fishing gear (e.g. mesh size) on deck and the volume of fish in the holds. Using the established conversion factors for the relevant fish product, the inspectors calculate the volume of the fish in round weight and compare this with the catches reported to the Directorate through the logbooks. There is an extensive exchange of information (e.g. inspection data) among the North East Atlantic states, bilaterally and multilaterally through the NEAFC control and enforcement scheme. As follows, there are a number of possibilities for enforcement authorities to physically check whether the data provided by fishers through self-reporting are correct. In addition, VMS data enables control of whether area restrictions are observed, among other things.

PI 3.2.3		Monitoring, control and surveillance mechanisms ensure the fishery's management measures are enforced and complied with		
		Hence, a comprehensive monitoring, control and surveillance system has been implemented in the fishery and has demonstrated a consistent ability to enforce relevant management measures; see SI 3.2.3 c) below on compliance. SG 100 is met. As follows, there are a number of possibilities for enforcement authorities to physically check whether the data provided by fishers through self-reporting are correct. In addition, VMS data enables control of whether area restrictions are observed, among other things. Hence, a comprehensive monitoring, control and surveillance system has been implemented in the fishery and has demonstrated a consistent ability to enforce relevant management measures; see SI 3.2.3 c) below on compliance. SG 100 is met.		
b	**Guidepost**	Sanctions to deal with non-compliance exist and there is some evidence that they are applied.	Sanctions to deal with non-compliance exist, are consistently applied and thought to provide effective deterrence.	Sanctions to deal with non-compliance exist, are consistently applied and demonstrably provide effective deterrence.
	Met?	Y	Y	Y
	Justification	Statutory authority for the use of sanctions in the event of infringements of fisheries regulations is given in Chapters 11 and 12 of the Marine Resources Act. Intentional or negligent violations are punished with fines or prison up to one year (§§ 60–63), while infringements committed with gross intent or negligence may be punished with prison up to six years. In the judgment of the seriousness of the infringement, the economic gain of the violation, among other things, is to be taken into consideration (§ 64). Alternatively, catch, gear, vessels or other properties can be confiscated (§ 65). The Norwegian enforcement agencies use a graduated sanctioning system, with sanctions ranging from oral warnings, written warnings and administrative fines to formal prosecution. If the fishers do not accept the fines issued by the enforcement or prosecution authority, the case goes to court. The decision of a lower-level court can then be appealed to higher-level courts. The comprehensive enforcement system (see SI 3.2.3 a) above) combined with the high level of compliance (see SI 3.2.3 c) below) makes it reasonable to assume that the system demonstrably provides effective deterrence. Fishers interviewed during the site visit confirm that it is indeed the case, a finding which is corroborated by social science investigations about compliance in Norwegian fisheries. SG 100 is met.		
c	**Guidepost**	Fishers are generally thought to comply with the management system for the fishery under assessment, including, when required, providing information of importance to the effective management of the fishery.	Some evidence exists to demonstrate fishers comply with the management system under assessment, including, when required, providing information of importance to the effective management of the fishery.	There is a high degree of confidence that fishers comply with the management system under assessment, including, providing information of importance to the effective management of the fishery.
	Met?	Y	Y	Y

PI 3.2.3		Monitoring, control and surveillance mechanisms ensure the fishery's management measures are enforced and complied with		
	Justification	Enforcement authorities report the level of compliance in the fishery to be high. In 2016, the Coast Guard carried out 1599 inspections at sea. 74 inspections (4.6 %) resulted in a fine or prosecution. The Directorate of Fisheries performed 1048 controls in the cod, haddock and saithe fishery in 2016. Infringements leading up to prosecution were found in 30 inspections (3 %). As follows from SIs 3.2.3 a) and b) above, the fishery has in place a comprehensive system for monitoring, control and surveillance, including physical checks of fishing operations, catch and gear, as well as a fine-meshed sanctioning system. In addition to these coercive compliance mechanisms, various forms of norm-, legitimacy- and communication-related mechanisms have also proved effective to deliver compliance in Norwegian fisheries. First, there is a degree of social control in the small coastal communities from which the fishery takes place, and the high level of user-group involvement (see SI 3.1.2 above) may provide regulations with a degree of legitimacy that increases fishermen's inclination to comply with them. The same applies to the relationship between fishermen and enforcement officers, which is reported to be good. Inspectors are trained to approach the fishermen in as forthcoming a manner as possible and perceive themselves as having a guidance-providing and not only a policing role towards the fishing fleet. The MSC Fisheries Standard does not give any specific guidance as to what level of compliance is required to conclude that fishers 'comply with the management system under assessment'. Nor would that be reasonable since the absence of infringements in inspection statistics might as well imply that inspectors are not competent (or willing) enough to detect non-compliance, or that they focus attention on those parts of the fishery where compliance is highest; cf. the note on risk-based control above. Hence, compliance statistics can only give an indication, and must be seen in relation to other factors, such as the comprehensiveness of the enforcement system, the legitimacy of the management system as such, assumptions on the reliability of data provided by the enforcement authorities and other anecdotal evidence of compliance. It is the qualitative judgment of the assessment team that the requirement that fishers 'comply with the management system' is met in this fishery – this does not imply that infringements never take place (which is probably not the case in any fishery), but that most rules are generally respected. The requirement that fishers provide information of importance to the effective management of the fishery is definitely met. So the question remains whether fishers are 'generally thought to comply' (required for a 60 score), whether 'some evidence exists' that they comply (required for an 80 score), or whether there is 'a high degree of confidence' that they comply (required for a 100 score). Clearly *some evidence exists*, so SG 80 is met. The reliability of inspection data from the Norwegian Directorate of Fisheries and Coast Guard is generally considered to be very high, and the inspections scheme very thorough. The level of compliance in at-sea inspections is, in a wider context, high. Inspection data from port control indicate a higher level of non-compliance. Nevertheless, 91 % of infringements revealed relate to one specific type of infringements (gear), so the general compliance in the fishery is still high, not least as far as quota control is concerned. Since the degree of certainty is considered to be high in this case, SG 100 is met.		
d	Guidepost		There is no evidence of systematic non-compliance.	
	Met?		Y	

PI 3.2.3		Monitoring, control and surveillance mechanisms ensure the fishery's management measures are enforced and complied with
	Justification	As demonstrated under PI 3.2.3 c) above, there is no evidence of systematic non-compliance in the fishery. [Or it there evidence of systematic non-compliance related to gear; cf. SI 3.2.3 c) above? Awaiting response from the DoF.)
References		Årsrapport Kystvakten 2016 (Annual Report for the Coast Guard 2016), Oslo: Ministry of Defence. Email correspondence with representatives of the Directorate of Fisheries. Gezelius, S.S. (2003/2012), Regulation and Compliance in the Atlantic Fisheries: State/Society Relations in the Management of Natural Resources, Dordrecht: Springer. Hønneland, G. (2000/2012), Coercive and Discursive Compliance Mechanisms in the Management of Natural Resources: A Case Study from the Barents Sea Fisheries, Dordrecht: Springer. Hønneland, G. (2013), Making Fishery Agreements Work: Post-Agreement Bargaining in the Barents Sea, Cheltenham: Edward Elgar. Interviews with representatives of the Directorate of Fisheries, representatives of the Norwegian Fishermen's Association and individual fishermen during the site visit. J-215-2015: Forskrift om posisjonsrapportering og elektronisk rapportering for norske fiske- og fangstfartøy (Regulation on Reporting of Position and Electronic Reporting for Norwegian Fishing and Catch Vessels). Lov om forvaltning av viltlevande marine ressursar (havressurslova), LOV-2008-06-06-37, 2008 (Marine Resources Act). Lov om førstehandsomsetning av viltlevande marine ressursar (fiskesalslagslova), LOV-2015-06-19-65, 2015 (Act on First-Hand Sales of Wild Catch of Marine Resources). Lov om kystvakten (kystvaktloven), LOV-2015-06-19-65, 1997 (Coast Guard Act). [årsrapport kv]	
OVERALL PERFORMANCE INDICATOR SCORE:		**100**
CONDITION NUMBER (if relevant):		

Evaluation Table for PI 3.2.4

PI 3.2.4		The fishery has a research plan that addresses the information needs of management		
Scoring Issue		SG 60	SG 80	SG 100
a	**Guidepost**	Research is undertaken, as required, to achieve the objectives consistent with MSC's Principles 1 and 2.	A research plan provides the management system with a strategic approach to research and reliable and timely information sufficient to achieve the objectives consistent with MSC's Principles 1 and 2.	A comprehensive research plan provides the management system with a coherent and strategic approach to research across P1, P2 and P3, and reliable and timely information sufficient to achieve the objectives consistent with MSC's Principles 1 and 2.
	Met?	Y	Y	N
	Justification	Research is undertaken by the IMR, enabling the achievement of objectives consistent with MSC's Principles 1 and 2. SG 60 is met. A research plan, consisting of a number of strategic research documents within the IMR, is in place which provides management authorities with a strategic approach to research and reliable and timely scientific knowledge. SG 80 is met. The research plan can be classified as comprehensive, but it does not include P3 issues, so SG 100 is not met.		
b	**Guidepost**	Research results are available to interested parties.	Research results are disseminated to all interested parties in a timely_fashion.	Research plan and results are disseminated to all interested parties in a timely fashion and are widely and publicly available.
	Met?	Y	Y	N
	Justification	Research results are available to all interested parties in publicly accessible reports and journal articles. SG 60 is met. They are occasionally distributed by post or email, but their accessibility online meets the requirement of dissemination to all interested parties in a timely fashion, in the opinion of the assessment team. SG 80 is met. This is, however, not the case with the research plan, so SG 100 is not met.		
References		Annual report IMR, 2016		
OVERALL PERFORMANCE INDICATOR SCORE:				**80**
CONDITION NUMBER (if relevant):				

Evaluation Table for PI 3.2.5

PI 3.2.5		There is a system of monitoring and evaluating the performance of the fishery-specific management system against its objectives There is effective and timely review of the fishery-specific management system		
Scoring Issue		SG 60	SG 80	SG 100
a	**Guidepost**	The fishery has in place mechanisms to evaluate some parts of the management system.	The fishery has in place mechanisms to evaluate key parts of the management system	The fishery has in place mechanisms to evaluate all parts of the management system.
	Met?	Y	Y	N
	Justification	There are various mechanisms in place to evaluate key parts of the fishery-specific management system, but at varied levels of ambition and coverage. At the Regulatory Meetings that take place twice a year (see PI 3.1.2 above), management authorities receive feedback on management practices from the industry and other interested stakeholders, including NGOs. The scientific research component of the fisheries management system is reviewed in ICES reports and advice. The enforcement component is subject to continuous evaluation at meetings between the various bodies involved in enforcement activities, where priorities are hammered out on the basis of risk-based monitoring of past experience. The international side to the Norwegian fisheries management system is reviewed by the Parliament upon submission by the Government (through the Ministry of Trade, Industry and Fisheries) of annual reports on the agreements concluded with other states for the coming year, and the previous year's fishing in accordance with such agreements. The Office of the Auditor General conducts annual reviews of the financial performance of the fishery management system. Hence, the fishery has in place mechanisms to evaluate key parts of the management system, so SG 80 is met. It is a principal challenge to claim that absolutely 'all' parts of a fisheries management system are subject to review, but it seems reasonable to expect some sort of a holistic evaluation of the system as such. The Office of the Auditor General regularly carries out holistic reviews of different sectors of the Norwegian bureaucracy (so-called 'management audits', as opposed to the more traditional, annual financial audits). Such a review of the fisheries management system was undertaken in 2003–2004. At the initiative of the Russian Auditor General, a parallel audit of the Norwegian and Russian management systems for the Barents Sea fisheries was carried out in 2006–2007 and updated in 2011. While this SI, as opposed to SI 3.2.5 b) below, asks about the *extent* of the reviews and not their *frequency*, it is the opinion of the assessment team that some level of regularity and consistency in initiative, intent and approach must be present for a series of two or more reviews to qualify as reflecting a 'mechanism'. The parallel revision in 2006–2007 came about at the initiative of the Russian Auditor General, and a decade has passed since then (with a lesser update in 2011). The last 'management review' proper, performed by the Office of the Auditor General at its own initiative, took place 12-13 years ago. (A review of the North Sea fisheries was carried out in 2017, but that does not apply to the fishery-specific management system of the present assessment.) So while holistic evaluations of the Norwegian system for fisheries management have been carried out, in the opinion of the assessment team they fall short of reflecting a 'mechanism'. Hence, SG 100 is not met.		
b	**Guidepost**	The fishery-specific management system is subject to occasional internal review.	The fishery-specific management system is subject to regular internal and occasional external review.	The fishery-specific management system is subject to regular internal and external review.

PI 3.2.5		There is a system of monitoring and evaluating the performance of the fishery-specific management system against its objectives There is effective and timely review of the fishery-specific management system		
	Met?	Y	Y	N
	Justification	This SI, as opposed to 3.2.5 a) above, does not ask about the *extent* of reviews (covering some/key/all parts of the management system), but rather about their *frequency* and whether they are internal or external to the management system. (If that were not the case, scoring 3.2.5 b) would have made no sense in cases where 3.2.5 b) does not reach a 100 score, i.e. if not 'all' parts of the management system are subject to review.) Hence, various forms of evaluation can be taken into consideration under this SI even if they do not comprise the entire management system. But as discussed under SI 3.2.5 a) above, some level of interrelationship between these PIs must be assumed. For instance, external reviews of only peripheral components of the management system should not automatically lead to a positive score on the external review indicator (whether 'occasional' for SG 80 or 'regular' for SG 100), in the opinion of the assessment team. The fishery-specific management system is subject to various forms of internal self-evaluation within the Norwegian bodies of governance (see SI 3.2.5 a) above); these take place on a regular basis. Hence, the requirement for a 100 score is met as far as internal reviews are concerned. The system is also subject to various mechanisms for external review. The international component – Norway's fishery agreements with other states – is annually reviewed by Parliament following the submission of status reports by the Ministry of Trade Industry and Fisheries. None of the stocks under assessment here are subject to joint management with other states, but are managed by Norway alone. Hence, this review mechanism does not qualify as a relevant external review mechanism here (which is required to achieve an 80 score). The same applies to the financial audits performed by the Office of the Auditor General, which cover only a minor and rather peripheral aspect of the fisheries management system, seen in the context of an MSC assessment. As mentioned under SI 3.2.5 a) above, the Office of the Auditor General conducted comprehensive evaluations of the Norwegian system for fisheries management in 2003–2004 and 2006–2007, so the system is indisputably subject to external reviews, thus meeting the criterion for an 80 score. And although it can be debated how often (and at what intervals) reviews must be carried out to meet the SG 100 requirement of 'regular' external reviews, we conclude that it is not met here. While only three years passed between the two mentioned evaluations, none has been carried out for nearly a decade now. SG 100 is not met.		
References		Forvaltning og kontroll av fiskeressursene i Barentshavet: en parallelrevisjon mellom norsk og russisk Riksrevision, Office of the Auditor General, Oslo, 2007 (Management and Control of the Fish Resources in the Barents Sea: A Parallel Audit between the Norwegian and Russian Auditors General). Meld. St. 20 (2015–2016) Noregs fiskeriavtalar for 2016 og fisket etter avtalane i 2014 og 2015, 2016 (White Paper on Norway's [International] Fisheries Agreements and Fishing in Accordance with the Agreements in 2014 and 2015). Riksrevisjonens oppfølging av parallellrevisjonen med Den russiske føderasjons riksrevisjon om forvaltningen av fiskeressursene i Barentshavet og Norskehavet, Dokument 3:8 (2010-2011), Office of the Auditor General: Oslo, 2011 (The Office of the Auditor General's Follow-up of the Parallel Audit with the Auditor General of the Russian Federation on the Management of the Fish Resources in the Barents Sea and the Norwegian Sea). Riksrevisjonens undersøkelse av fiskeriforvaltningen i Nordsjøen og Skagerrak (The Office of the Auditor General's Investigation of the Fisheries Management in the North Sea and Skagerrak), Dokument 3:9 (2016–2017), Oslo: Office of the Auditor General, 2017.		

PI 3.2.5	**There is a system of monitoring and evaluating the performance of the fishery-specific management system against its objectives** **There is effective and timely review of the fishery-specific management system**	
	Riksrevisjonens undersøkelse av forvaltninen av fiskeressursene (The Office of the Auditor General's Investigation on the Management of Fish Resources), Dokument 3:13 (2003–2004), Oslo: Office of the Auditor General, 2004.	
OVERALL PERFORMANCE INDICATOR SCORE:		**80**
CONDITION NUMBER (if relevant):		

Appendix 1.3 Conditions

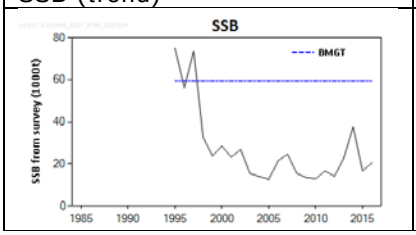
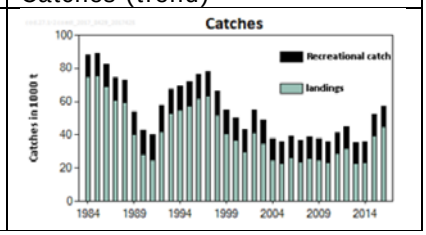
There are 3 conditions, all related to P2.

Table 42 Condition 1: Applies to Danish seine, hooks and lines, gillnets and demersal trawls. The condition only applies to coastal cod as a retained species.

Performance Indicator	**PI 2.1.1: The fishery does not pose a risk of serious or irreversible harm to the retained species and does not hinder recovery of depleted retained species**
Score	75
Rationale	**SIa SG80: Main retained species are highly likely to be within biologically based limits (if not, go to scoring issue c below).** As regards most UoCs (with the exception of purse seine), main retained species to consider are cod and haddock. It has not been possible for the team to determine if the cod taken by the fleet is coastal cod or not. Therefore, both stocks will be considered in the assessment. Cod: The spawning-stock biomass (SSB) has been above MSY Btrigger since 2002, and reaches values that double BMSY. SG100 is met for cod. **Coastal cod**: The survey estimate in 2015 is close to the lowest value in the time-series and well below the rebuilding biomass set in the Norwegian Rebuilding Plan. SSB is below (nearly half) of the estimated BMSY. Fishing mortality is above FMSY. SG60 and SG80 are not met. Go to SIc. Coastal cod is a main retained species for all UoC, SIa is not met. The species is evaluated under Sic. **SIc SG80: If main retained species are outside the limits there is a partial strategy of demonstrably effective management measures in place such that the fishery does not hinder recovery and rebuilding.** **Coastal cod**: The coastal cod stock is under a Norwegian coastal cod Rebuilding Plan, intended "*to rebuild the stock complex to full reproductive capacity, as well as to give sufficient protection to local stock components. Until a biologically founded rebuilding target is defined, the stock complex will only be regarded as restored when the survey index of spawning stock in two successive years is observed to be above 60 000 tons*". Although the Rebuilding Plan can be considered as a strategy for the rebuilding of the coastal cod stock, the fact that it was implemented in 2009 with limited results yet, rests confidence in its effectiveness. Besides, a Recovery Plan was first set in 2004. At present catches are higher than the ICES advice. SG80 is not met. SG60 is met for the different UoCs as it is expected that the Coastal cod rebuilding plan will later or sooner succeed in bringing the stock back to safer status, as it did with the North Sea cod stock, which was in a similar situation in the recent past. Besides, ICES evaluated the Norwegian Sea coastal cod rebuilding plan in 2010 and considered it to be consistent with the precautionary approach. SG60 is met for coastal cod.
Condition	By the 4th surveillance audit client shall demonstrate that the NEA saithe fishery does not pose a risk of serious or irreversible harm to the coastal cod stock, and that it does not hinder its recovery.
Milestones	**Annual surveillance 1:** The client shall provide disaggregated data on the NEA cod and coastal cod taken by the different UoCs. The client shall evaluate the damage caused to the coastal cod stock by the different UoCs. The client shall report on the efficacy of measures implemented by UoC vessels to reduce coastal cod catch. If measures are not proven to be effective through field trials or if coastal cod

	recovery is not evident, the client is to identify and implement what additional catch reduction measures are to be applied. **Annual surveillance 2:** The client shall repeat 1st annual surveillance actions until either: - Demonstrably effective measures are implemented - Coastal cod recovery is evident. **Annual surveillance 3**: The client shall repeat 1st annual surveillance actions until either: - Demonstrably effective measures are implemented - Coastal cod recovery is evident. **Annual surveillance 4:** Client shall demonstrate that the NEA saithe fishery does not pose a risk of serious harm to the coastal cod stock (either because the coastal cod stock is recovered or because management measures are proven to be effective).
Client action plan	Coastal cod recovery has been a long standing priority for Norwegian management authorities for the coastal demersal fisheries. It is also a priority for the NFA, both on its own merits and through other MSC certificates that the organization holds. As pointed out in this report, rebuilding measures until now have succeeded in halting the decline in the stock, but are yet to show definitive signs of leading to consistent recovery. <u>Action 1.1</u> NFA will, in cooperation with the Directorate of Fisheries, IMR and/or independent 3rd party resources, provide more fine- meshed data on the coastal cod taken by the different UoCs. (SA1, SA2 and SA3). Saithe fisheries on a disaggregate/local level are in most cases quite targeted with limited bycatch. It is therefore expected that this analysis may provide a different outcome than the data that was provided to the CAB at the time of assessment. <u>Action 1.2</u> Based on the knowledge gained from 1.1, NFA will assess the impact of the fishery on the coastal cod stock and the efficiency of measures implemented by the UoC to reduce coastal cod catch. (SA2 and SA3) <u>Action 1.3</u> If measures are not proving to be effective or if coastal cod recovery is not evident in the period, NFA will liase with IMR and the Directorate of Fisheries to identify and implement what additional measures can be implemented to further reduce catches of coastal cod in the UoCs. (SA3) <u>Action 1.4</u> NFA shall, by SA4, demonstrate that the UoCs do not pose a risk of serious or irreversible harm to coastal cod and an objective basis to score the fishery at an 80 level or above on PI 2.1.1.
Consultation on condition	None. The relevant parties here are the Directorate of fisheries and IMR. As all scoring under principle 3 for these fisheries confirms, these three parties have close consultations with NFA, as well as the larger Norwegian seafood industry. Through both formal and informal channels during the year, NFA provides input on management priorities and research projects. Although successful outcomes cannot be <u>guaranteed</u>, NFA input has heavy emphasis, and there is vast empirical evidence of this. This standing practice in Norwegian management gives the largest degree of credibility to the action plan possible. Should DoF or IMR in spite of this not be able to provide input due to e.g. resource constraints, the condition opens for the use of other private entities to be consulted.

Table 43 Condition 2: Applies to Danish seine, hooks and lines, gillnets and demersal trawls. The condition only applies to coastal cod as a retained species.

Performance Indicator	**PI 2.1.2: There is a strategy in place for managing retained species that is designed to ensure the fishery does not pose a risk of serious or irreversible harm to retained species**
Score	75
Rationale	**SIb: There is some objective basis for confidence that the partial strategy will work, based on some information directly about the fishery and/or species involved.** All UoCs (Apart from purse seines) have cod (NEA cod and coastal cod) and haddock as main retained species. The status of coastal cod requires of specific management measures, some of which have been implemented for more than 10 years now. And although the coastal cod stock shows some signs of recovery over the years, these are sporadic and short lasting, and catches continue to be at the same levels as in 2004, exceeding ICES Advice. SG80 is not met for coastal cod and all UoCs catching coastal cod. SSB (trend)  Catches (trend)  The records on landings, the monitoring of the different species and the scientific advice given for the different stocks serve to give confidence that the measures are likely to work, at least for the other retained species. As regards coastal cod, the success of the cod recovery in the North Sea after the implementation of the Cod Management Plan provide sufficient confidence that the Rebuilding Plan is likely to work. SG60 is met for coastal cod and for all UoCs catching coastal cod.
Condition	By the 4th surveillance audit the client shall demonstrate that there is some objective basis for confidence that the Norwegian coastal cod rebuilding plan will effectively contribute to the rebuilding of the coastal cod stock.
Milestones	**Annual surveillance 1:** The client shall provide disaggregated data on the NEA cod and coastal cod taken by the different UoCs. The client shall evaluate the damage caused to the coastal cod stock by the different UoCs. The client shall report on the efficacy of measures implemented by UoC vessels to reduce coastal cod catch. If measures are not proven to be effective through field trials or if coastal cod recovery is not evident, the client is to identify and implement what additional catch reduction measures are to be applied. **Annual surveillance 2:** The client shall repeat 1st annual surveillance actions until either: - Demonstrably effective measures are implemented - Coastal cod recovery is evident. **Annual surveillance 3**: The client shall repeat 1st annual surveillance actions until either: - Demonstrably effective measures are implemented - Coastal cod recovery is evident.

	Annual surveillance 4: Client shall demonstrate that the NEA saithe fishery does not pose a risk of serious harm to the coastal cod stock (either because the coastal cod stock is recovered or because management measures are proven to be effective).
Client action plan	(Joint action plan with condition 1) Coastal cod recovery has been a long standing priority for Norwegian management authorities in their management of coastal demersal fisheries. It is also a priority for the NFA, both on its own merits and through other MSC certificates that the organization holds. As pointed out in this report, rebuilding measures until now have succeeded in halting the decline in the stock, but are yet to show definitive signs of consistent recovery. **Action 2.1** NFA will, in cooperation with the Directorate of Fisheries, IMR and/or independent 3rd party resources, provide more fine- meshed data on the coastal cod taken by the different UoCs. (SA1, SA2 and SA3). Saithe fisheries on a disaggregate/local level are usually quite targeted with limited bycatch. It is therefore expected that this analysis may provide a different outcome than the data that was provided to the CAB at the time of assessment. **Action 2.2** Based on the knowledge gained from 1.1, NFA will assess the impact of the fishery on the coastal cod stock and the efficiency of measures implemented by the UoC to reduce coastal cod catch. (SA2 and SA3) **Action 2.3** If measures are not proving to be effective or if coastal cod recovery is not evident in the period, NFA will liase with IMR and the Directorate of Fisheries to identify and implement what additional measures can be implemented to further reduce catches of coastal cod in the UoCs. (SA3) **Action 2.4** NFA shall, by SA4, demonstrate that the UoCs do not pose a risk of serious or irreversible harm to coastal cod and an objective basis to score the fishery at an 80 level or above on PI 2.1.2.
Consultation on condition	See condition 1.

Table 44 Condition 3: Applies to hooks and lines, gillnets and demersal trawls.

Performance Indicator	**PI 2.3.1: The fishery meets national and international requirements for the protection of ETP species.** **The fishery does not pose a risk of serious or irreversible harm to ETP species and does not hinder recovery of ETP species**
Score	75
Rationale	SIb: Direct effects are highly unlikely to create unacceptable impacts to ETP species. Landing obligation, implemented in 1987, would require vessels to land any dead animal, regardless it being ETP species or not. Landing records show landings of redfish (unspecified) by most UoCs (with the exception of the purse seine fleet). For 2016, landings of redfish were 72 tones for the Danish seine fleet (0.05% of the total catch of Danish seine vessels); 0 tones for the purse seine fleet; 436 tones for the hooks and lines fleet (0.29% of the hooks and lines landings); 261 tones for gillnets (0.21% of gillnets landings); and 5361 tones for trawlers (1.98% of total landings by demersal trawlers). It was not possible to determine if these individuals of redfish were beaked

	redfish or golden redfish. While the beaked redfish would be considered as a retained species, the golden redfish (*Sebastes marinus*) is considered as an ETP species as it is listed in the Norwegian Red List of Protected Species. There were no landings of other ETP species by any other UoC under assessment. ICES 2017 advice for golden redfish states that catches should be zero for 2017, 2018 and 2019. The species is red-listed in the Norwegian red list of protected species and catches should be kept to minimum. For the 3600 tonnes landed in 2015 in ICES subareas I and II, 52% were landed by the trawl fleet, 25 % were landed by the gillnet fleet, 20 % by the longline fleet and 3% by other gear types. The spawning-stock biomass (SSB) has experienced a continuous decline since the late 1990s and is currently at the lowest in the time-series of the assessment results. Fishing mortality (F) has been increasing since the mid-2000s, with F in 2015 being the second highest in the time-series. There are specific management measures which were implemented with the intention of reverting the poor situation of this stock. Such measures are area closures and bycatch limitations, and also a move-on rule for the prawn trawl fishery: - In 2004 the redfish fishery became banned from 1st to 31st of May. Maximum bycatch allowed was reduced to 20% and a minimum landing size was established at 32 cm. - In 2005 the prohibition to target redfish was extended from 20th April till 19th June. - In 2006 fishing season was again modified, and prohibitions remained during the months of April and September. A minimum mesh size of 120 mm was introduced. - In 2007 fishing was banned from 1st March till 30th June, and also during September. However, the hand-line fleet smaller than 11 m was excluded from these regulations. - In 2012 fishing closures run from 20th December till 30th June, and also during September. However, all hand-line vessels were excepted from the regulatory measures for future years. - In 2015 the fishing closures remained the same but additional restrictions were added such that redfish catch should be less than 50% of the catch per week. - In 2016 fishing closures were modified from previous years, and was now banned from 1st January to 31st July. Catch of redfish was restricted as it shouldn't be more than 30% of the total catch per week. According to IMR, total catch by the Norwegian fleet was reduced from 6233 tonnes in 2004 down to 1969 in 2016 (68 %), where the landings from trawlers was reduced by 82%, while the landings from coastal fleet was reduced by 55 %. In spite of the reduction, as mentioned above, the stock has so far shown no signs of recovery. While the low level of landings of golden redfish by gillnets and hooks and lines could serve to justify that direct effects caused by these gear types are highly unlikely to create unacceptable impacts for the golden redfish stock, the high proportion of landings of golden redfish by the different gear types (trawlers 50%, hooks and lines 25%, and gillnets 25%) as described in ICES 2017 advice for golden redfish prevent these gear types (trawlers, hooks and lines and gillnets) from achieving SG80. Danish seine and purse seine UoCs achieve SG80, as interactions with golden redfish are minimal. The lack of an implemented effective system to record interactions with the different ETP species prevent these UoCs from achieving SG100. The reduction in golden redfish catches as a result of implemented management measures serves to support that gear types such as trawlers, hooks and lines, and gillnets, achieve SG60. However SG80 is not met as the 3 gear types are heavily responsible of golden redfish landings (according to ICES advice).
Condition	By the 4th surveillance audit the client shall demonstrate that the direct effects of the NEA saithe fishery (specifically with the hooks and lines, gillnets

	and demersal trawl UoCs) are highly unlikely to create unacceptable impacts to ETP species such as golden redfish.
Milestones	**Annual surveillance 1** Client shall provide information as regards the impact that each UoC (trawlers, hooks and lines and gillnets) has on the golden redfish stock. When possible, client shall provide disaggregate data as regards interactions with golden redfish and beaked redfish. **Annual surveillance 2** Client shall provide an evaluation on the damage caused to the golden redfish stock by the different UoCs to which the condition relates. Client shall evaluate implementations in the existing management strategy to minimise such interactions. **Annual surveillance 3** Client shall either reduce interactions or prove that its interactions are not significant to the stocks. Client shall implement the necessary amendments (if needed) to the already existing strategy, to improve its effectiveness. **Annual surveillance 4** Client shall demonstrate that the NEA saithe fishery does not pose a risk of serious harm to the golden redfish stock (either because the improvement on their stock status or because management measures are proven to be effective in avoiding interactions).
Client action plan	**Action 3.1** NFA will, in cooperation with the Directorate of Fisheries, IMR and/or independent 3rd party resources provide more fine- meshed data on the bycatch of golden redfish taken by the different UoCs. This will also include bottom trawlers where disaggregate data will be provided as for interactions with golden redfish and beaked redfish. **Action 3.2** Based on the knowledge gained from 3.1, NFA will assess the impact of the fishery on rebuilding of redfish and the efficiency of measures implemented by the UoC to reduce redfish catches. (SA2 and SA3) **Action 3.3** By SA3, it will either be documented that interactions with redfish do not pose a risk of serious or irreversible harm or that further efforts to the existing bycatch reduction strategy are being implemented. **Action 3.4** NFA shall, by SA4, demonstrate that the UoCs do not pose a risk of serious or irreversible harm to redfish and an objective basis to score the fishery at an 80 level or above on PI 2.1.2.
Consultation on condition	See condition 1.

Table 45: Recommendation 1.

PI 2.3.3.b	PI 2.3.3: Relevant information is collected to support the management of fishery impacts on ETP species, including: • Information for the development of the management strategy; • Information to assess the effectiveness of the management strategy; and Information to determine the outcome status of ETP species. b. Accurate and verifiable information is available on the magnitude of all impacts, mortalities and injuries and the consequences for the status of ETP species.

Recommendation	It is recommended that all encounters with the different identified ETP species are comprehensively recorded in an electronic database by all vessels in the UoA.

NORGES FISKARLAG
FISKARLAGETS SERVICEKONTOR AS

DNV GL

Vår dato	Vår referanse	Vår saksbehandler	Deres referanse
10.01.2018		Tor Bjørklund Larsen/	

Client Action Plan for meeting the certification conditions for the Norway North East Arctic saithe fishery – reassessment.

The Norwegian Fishermen's Association (NFA) submits this action plan for meeting the conditions for the 2nd reassessment of the Norway North East Arctic (NEA) saithe fishery.

NFA agrees to make a good faith effort to meet the intent of the conditions set forth by the conformity assessment body DNV GL in their client review draft report in December 2017. This report determines that, with a total of three conditions, the fishery is sustainable and well-managed in accordance with the MSC principles and criteria for sustainable fisheries.

The Norwegian Seafood Industry has set up a permanent formal advisory committee working with environmental and eco-labelling issues, reporting to the boards of NFA, the fisherman's sales organizations, the Norwegian Seafood Export Council and the Norwegian Seafood Federation. The Norwegian Ministry of Trade, Industry and Fisheries is a permanent observer to the group. This ensures that all certification decisions, including this action plan, are supported and accepted among all the parties involved directly or indirectly in the fisheries.

In the following sections we will address each of the conditions individually in the table format provided by the CAB.

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APPENDIX 2 PEER REVIEW REPORTS

Peer Reviewer Information				
Contact Name	*First*	PR1	*Last*	

Fishery Assessment Details	
Fishery	Norway North East Arctic saithe fishery

Summary of Peer Reviewer Opinion

Has the assessment team arrived at an appropriate conclusion based on the evidence presented in the assessment report?	**Yes**	**CAB Response**
Justification: The assessment team concluded that the fishery be certified. The overall determination that this fishery should be certified according to the MSC principles and criteria is appropriate and correctly based on the findings of this assessment.		No comment required

Do you think the condition(s) raised are appropriately written to achieve the SG80 outcome within the specified timeframe? [Reference: FCR 7.11.1 and sub-clauses]	**Yes**	**CAB Response**
Justification: I agree with the three conditions, and with the actual topics or tasks that have been identified by the milestones. For condition 3 on PI 2.3.1 however I feel that the condition might be broadened to impacts on other species than golden redfish. See comments on PI 2.3.1 SI2.		No comment required here – see comments in PI 2.3.1 SI2.

If included:

Do you think the client action plan is sufficient to close the conditions raised? [Reference FCR 7.11.2-7.11.3 and sub-clauses]	**Yes**	**CAB Response**
Justification:		No comment required

Performance Indicator Review

Table 46 For reports using one of the default assessment trees:

Performance Indicator	Has all available relevant information been used to score this Indicator? (Yes/No)	Does the information and/or rationale used to score this Indicator support the given score? (Yes/No)	Will the condition(s) raised improve the fishery's performance to the SG80 level? (Yes/No/NA)	Justification Please support your answers by referring to specific scoring issues and any relevant documentation where possible. Please attach additional pages if necessary. Note: Justification to support your answers is only required where answers given are 'No'.	CAB Response
1.1.1	Yes	Yes	Na		No comment required.
1.1.2	Yes	Yes	Na		No comment required.
1.2.1	Yes	Yes	Na		No comment required.
1.2.2	Yes	Yes	Na		No comment required.
1.2.3	Yes	Yes	Na		No comment required.
1.2.4	Yes	Yes	Na		No comment required.

Performance Indicator	Has all available relevant information been used to score this Indicator? (Yes/No)	Does the information and/or rationale used to score this Indicator support the given score? (Yes/No)	Will the condition(s) raised improve the fishery's performance to the SG80 level? (Yes/No/NA)	**Justification** Please support your answers by referring to specific scoring issues and any relevant documentation where possible. Please attach additional pages if necessary. Note: Justification to support your answers is only required where answers given are 'No'.	CAB Response
2.1.1	No	No	Yes	Purse seine UoC: it was determined that there are no minor retained species since 99% of the catch is saithe. This however only means that there are no main retained species. Species that consist less than 1 % of the catch should still be considered as minor retained species. SG100a is not met unless there is a high degree of certainty that retained species are within biologically based limits and fluctuating around their target reference points.	99.93 % of purse seine landings are the targeted saithe. 0.05% of the landings are cod, with 15 tonnes landed in 2016, while 0.02% of the landings are haddock, with 6 tonnes landed in 2016. The team considers that these catches are incidental, rather than representative of the fishery, and for that reason decided not to score them as minor species. In any case, both the stock status of oceanic cod and haddock are in a very healthy situation, with SSB being well above BMSY. Score remains unchanged at SG100. No changes in the report.

Performance Indicator	Has all available relevant information been used to score this Indicator? (Yes/No)	Does the information and/or rationale used to score this Indicator support the given score? (Yes/No)	Will the condition(s) raised improve the fishery's performance to the SG80 level? (Yes/No/NA)	**Justification** Please support your answers by referring to specific scoring issues and any relevant documentation where possible. Please attach additional pages if necessary. Note: Justification to support your answers is only required where answers given are 'No'.	CAB Response
2.1.2	Yes	Yes	Yes		No comment required.
2.1.3	Yes	Yes	NA		No comment required.
2.2.1	Yes	Yes	NA		No comment required.
2.2.2	Yes	Yes	NA		No comment required.
2.2.3	Yes	Yes	NA		No comment required.

Performance Indicator	Has all available relevant information been used to score this Indicator? (Yes/No)	Does the information and/or rationale used to score this Indicator support the given score? (Yes/No)	Will the condition(s) raised improve the fishery's performance to the SG80 level? (Yes/No/NA)	Justification Please support your answers by referring to specific scoring issues and any relevant documentation where possible. Please attach additional pages if necessary. Note: Justification to support your answers is only required where answers given are 'No'.	CAB Response
2.3.1	Yes	No	Yes (see comments on Condition 3 above)	SIa: it is concluded that international requirements do not set limits to the bycatch of ETP species and that therefore SG100a is met. However the fact that there are no quantitative limits defined does not mean that international requirements are always met outcome status is good. It should be also considered qualitatively whether effects on ETP species protected species are within the limits defined by their protected state. SIb: Other ETP species are mentioned in the rational but it seems that only the impact on golden redfish is scored. (Maybe the rational is cut off?). The rational should also conclude about the impact on other species that are discussed in the rational. If the impact on other species (like elasmobranchs) can not be determined highly unlikely to have unacceptable impacts on this species this should also be reflected in the condition.	SIa: wording has been modified. Scoring remains unchanged. SIb: The rationale on SIb talks about all species recorded by the reference fleet. However, with the data given by the reference fleet, the team can not distinguish which was the targeted species for each gear type or which was the fishing area (apart from North or South 62ºN). Therefore there is no sufficiently strong rationale to conclude that impacts by the UoCs will be comparable. The information on the reference fleet has been given to give a broarder view on possible impacts. However, the only impacts as reported in the UoCs landings are impacts with golden redfish. A recommendation is already in place to improve the recording of non- fatal interactions. Scoring remains unchanged.

Performance Indicator	Has all available relevant information been used to score this Indicator? (Yes/No)	Does the information and/or rationale used to score this Indicator support the given score? (Yes/No)	Will the condition(s) raised improve the fishery's performance to the SG80 level? (Yes/No/NA)	**Justification** Please support your answers by referring to specific scoring issues and any relevant documentation where possible. Please attach additional pages if necessary. Note: Justification to support your answers is only required where answers given are 'No'.	CAB Response
2.3.2	No	No	NA	SIc: it is concluded that there is an objective basis for confidence that the strategy will work, based on information directly about the fishery and/or the species involved. However concerning the impact of demersal trawls some concerns are raised (no reporting) and the real impact of the fleet is not known. This uncertainty of impacts should be reflected in the scoring of PI 2.3.1 and it also would mean that SG80c for OI 2.3.2 is not met.	The no reporting concern is only refering to non-fatal interactions. A recommendation is in place to improve such knowledge. Scoring remains unchanged.
2.3.3	Yes	No		SG80 indicators are all met but as concluded under PI 2.3.2 there is concern about the reporting of interactions with ETP species and that the real impact of the demersal fleet on other ETP species is not knownn. This should be reflected in the scoring and a condition should be formulated.	There is good information as regards fatal interactions as those species are landed and recorded in landing records. The lack of information refers to non-fatal inter-actions. A recommendation is in place to improve such knowledge. Rationale and scoring remains unchanged.

Performance Indicator	Has all available relevant information been used to score this Indicator? (Yes/No)	Does the information and/or rationale used to score this Indicator support the given score? (Yes/No)	Will the condition(s) raised improve the fishery's performance to the SG80 level? (Yes/No/NA)	**Justification** Please support your answers by referring to specific scoring issues and any relevant documentation where possible. Please attach additional pages if necessary. Note: Justification to support your answers is only required where answers given are 'No'.	CAB Response
2.4.1	Yes	Yes	NA		No comment required.
2.4.2	Yes	Yes	NA		No comment required.
2.4.3	Yes	Yes	NA		No comment required.
2.5.1	No	No	NA	The rational focusses on the impact of the removal of saithe from the ecosystem. Impacts on other elements of the ecosystem like bycatch species and interactions with ETP species and habitats should also be considered.	The team considers that the impacts of the fishery on other elements such as retained, bycatch, ETP species and habitats is already evaluated in the different PI's. A new sentence has been added to highlight that the fishery does not raise any special concerns on any of these topics. Score remains unchanged.
2.5.2	Yes	Yes	NA		No comment required.

Performance Indicator	Has all available relevant information been used to score this Indicator? (Yes/No)	Does the information and/or rationale used to score this Indicator support the given score? (Yes/No)	Will the condition(s) raised improve the fishery's performance to the SG80 level? (Yes/No/NA)	**Justification** Please support your answers by referring to specific scoring issues and any relevant documentation where possible. Please attach additional pages if necessary. Note: Justification to support your answers is only required where answers given are 'No'.	CAB Response
2.5.3	Yes	No	NA	SId: The rational should also consider the main impacts on the elements of the ecosystem.	A new sentence has been added regarding the available information on scoring elements such as the primary species. No changes in score.
3.1.1	Yes	Yes	NA		No comment required.
3.1.2	Yes	Yes	NA	Final conclusion that SG100a is met is lacking (although clear from the rational)	This has now been inserted into the report. (We assume the reviewer refers to SI c) and not a).)
3.1.3	Yes	Yes	NA		
3.2.1	Yes	Yes	NA	Final conclusion that SG100a is met is lacking (although clear from the rational)	This has now been inserted.
3.2.2	Yes	Yes	NA	Final conclusions on scores are lacking on all SI's (although clear from the rational)	This has now been inserted.

Performance Indicator	Has all available relevant information been used to score this Indicator? (Yes/No)	Does the information and/or rationale used to score this Indicator support the given score? (Yes/No)	Will the condition(s) raised improve the fishery's performance to the SG80 level? (Yes/No/NA)	**Justification** Please support your answers by referring to specific scoring issues and any relevant documentation where possible. Please attach additional pages if necessary. Note: Justification to support your answers is only required where answers given are 'No'.	CAB Response
3.2.3	Yes	No	NA	The rational for SIb concludes that the comprehensive enforcement system makes it reasonable to assume that the system provides effective deterrence. This would suggest that only SG80 is met It is not concluded that sanctions demonstrably provide effective deterrence nor that SG100 is met.	The team upholds the 100 score here and has amended the text accordingly. 'Demonstrably' documenting compliance is a challenging task in any fishery; hence the more careful original wording in the justification. That said, in a wider context compliance in this fishery is very high, and documentation to that effect is more convincing than in most other large-scale fisheries. Hence the 100 score.

Performance Indicator	Has all available relevant information been used to score this Indicator? (Yes/No)	Does the information and/or rationale used to score this Indicator support the given score? (Yes/No)	Will the condition(s) raised improve the fishery's performance to the SG80 level? (Yes/No/NA)	**Justification** Please support your answers by referring to specific scoring issues and any relevant documentation where possible. Please attach additional pages if necessary. Note: Justification to support your answers is only required where answers given are 'No'.	CAB Response
3.2.4	No	No		The rational for SG80a states that there is a research plan for the North Sea. This statement is merely repeating the scoring issue but the research plan is not mentioned in the body of the report nor in the references. Some further explication is necessary.	The research plan does not consist of one single document, but of a multitude of strategic research plans within the IMR, which is not uncommon in a large-scale fishery within a 'mature' management context (where systems for research planning have evolved over decades – in this case for more than a century – hence, appropriate to the context of the fishery). The text in the rationale has been amended.
3.2.5	Yes	Yes	NA		No comment required.

Peer Reviewer Information				
Contact Name	*First*	PR2	*Last*	

Fishery Assessment Details	
Fishery	Norway North East Arctic saithe fishery

Summary of Peer Reviewer Opinion

Has the assessment team arrived at an appropriate conclusion based on the evidence presented in the assessment report?	**Yes**	**CAB Response**
Justification: I have agreed with all the scores and the Conditions set		No comment required.

Do you think the condition(s) raised are appropriately written to achieve the SG80 outcome within the specified timeframe? [Reference: FCR 7.11.1 and sub-clauses]	**Yes**	**CAB Response**
Justification:		No comment required.

If included:

Do you think the client action plan is sufficient to close the conditions raised? [Reference FCR 7.11.2-7.11.3 and sub-clauses]	**Yes**	**CAB Response**
Justification: The client has correctly all the actions that are appropriate to them in addressing these three Conditions		No comment required.

Performance Indicator Review

- **General Comments of Peer reviewer. (repeated at the end of the report)**

  The text of the report is generally good in particular the sections related to Principles 2 and 3. However I was disappointed with the report section on Principle 1. The information provided in this section of the report is very sparse, lacks important detail and in my opinion falls well short of the high standard I have come to expect in an MSC report.
  I think that the problem, as I see it, is almost certainly related to the undoubted vast experience and stock assessment expertise of the P1 expert. In that context I feel that he has taken too much for granted and failed to provide the ordinary reader with sufficient background to this fishery and its assessment.
  I will not go into great detail on this, mainly because I do not expect the team to do anything about my comments, but I will provide one example of what I mean, namely the stock assessment modelling. This relatively new State Space Assessment model (SAM) is unconventional in the ICES suite of models and should be described in a bit more detail rather than simply giving the reader a reference to look up. The model has many strengths compared with other models, not least the fact that it offers 95%

confidence intervals on all the estimated parameters. However, it also has potential weaknesses which have manifested themselves retrospectively in some other ICES assessments, where the model has been abandoned. This should at least be mentioned in an honest description and appraisal of SAM.
Finally, some explanation of the basis of the management Reference points not simply an ICES reference. Does the ordinary reader for example know what the change point in the regression for Blim means? It only need a short sentence and *'job done'*
The general lack of detail in the report has impacted on the scoring comments against some performance indicators in Principle 1 and this will be dealt with appropriately.

Table 47 For reports using one of the default assessment trees:

Performance Indicator	Has all available relevant information been used to score this Indicator? (Yes/No)	Does the information and/or rationale used to score this Indicator support the given score? (Yes/No)	Will the condition(s) raised improve the fishery's performance to the SG80 level? (Yes/No/NA)	**Justification** Please support your answers by referring to specific scoring issues and any relevant documentation where possible. Please attach additional pages if necessary. Note: Justification to support your answers is only required where answers given are 'No'.	CAB Response
1.1.1	No	No	N/A	Needs to explain the Blim reference point as defined by ICES, ie the change point in the regression. Also needs to quote the 95% confidence intervals which strongly support the scoring. These must be listed in the current stock status relative to reference points Table	Text in report updated, Blim explained in a footnote and reference inserted to the ICES (2017)Advice technical report. Justification text SIa updated and CV value inserted
1.1.2	No	No	N/A	Again needs to be more explicit on how Blim is set (there are many different approaches by ICES) At 1.1.2c where is the evidence that oprecautionary issues such as the ecological rolwe of the stock are taken into account with a 95% probability – certainly not inther text of the report.	Table 14 informs that the approach is "change point regression", i.e. segmented regression, see Advice Technical report Table 12.4.3.1.3, Type 2
1.2.1	Yes	Yes	N/A	Score of 100 well supported	No comment required.

Performance Indicator	Has all available relevant information been used to score this Indicator? (Yes/No)	Does the information and/or rationale used to score this Indicator support the given score? (Yes/No)	Will the condition(s) raised improve the fishery's performance to the SG80 level? (Yes/No/NA)	**Justification** Please support your answers by referring to specific scoring issues and any relevant documentation where possible. Please attach additional pages if necessary. Note: Justification to support your answers is only required where answers given are 'No'.	CAB Response
1.2.2	Yes	Yes	N/A	Score of 90 OK wekness at scoring issue b identified	No comment required.
1.2.3	Yes	Yes	N/A	Information adequate here but spares in the text of the report	No comment required.
1.2.4	No	No	N/A	From personal knowledge I know that the score is correct. However, the information provided here and in the text of the report is inadeqaute. I have explained in my general comments that SAM and in particular the confidence interval estimates need explaining and listing at least for SSB and F	The justification text has been updated with more information on the SAM approach.
2.1.1	Yes	Yes	Yes	The failure to meet SG 60 at scoring issue a is allowed in the assessment tree and is addressed at scoring issue c. The PI correctly generates an appropriate Condition for all gears apart from the Purse seine which scores 100 at a as it does not impact on Coastal cod.	No comment required.

Performance Indicator	Has all available relevant information been used to score this Indicator? (Yes/No)	Does the information and/or rationale used to score this Indicator support the given score? (Yes/No)	Will the condition(s) raised improve the fishery's performance to the SG80 level? (Yes/No/NA)	Justification Please support your answers by referring to specific scoring issues and any relevant documentation where possible. Please attach additional pages if necessary. Note: Justification to support your answers is only required where answers given are 'No'.	CAB Response
2.1.2	Yes	Yes	Yes	Addresses the issues related to Coastal cod and this fishery which appropriately generates a Condition	No comment required.
2.1.3	Yes	Yes	N/A		No comment required.
2.2.1	Yes	Yes	N/A	No bycatch spwecies permitted by law but this topic and the exceptions are compr3ehensively covere4d.	No comment required.
2.2.2	Yes	Yes	N/A	Scor of 95 well supported	No comment required.
2.2.3	Yes	Yes	N/A	Clearly not possibel to quantitatively estimate outcome status for allspecies and all gears. Score of 85 correct	No comment required.

Performance Indicator	Has all available relevant information been used to score this Indicator? (Yes/No)	Does the information and/or rationale used to score this Indicator support the given score? (Yes/No)	Will the condition(s) raised improve the fishery's performance to the SG80 level? (Yes/No/NA)	**Justification** Please support your answers by referring to specific scoring issues and any relevant documentation where possible. Please attach additional pages if necessary. Note: Justification to support your answers is only required where answers given are 'No'.	CAB Response
2.3.1	Yes	Yes	Yes	The uncertainty regarding the impact of some gears on ETP,species is exceptionally well documented in the report. This has correctly generated a Condition for three of the gears which do not fully meet the international requirements for the protection of ETP species	Received with thanks.
2.3.2	Yes	Yes	N/A	The management strategies are well described for each gear	No comment required.
2.3.3	Yes	Yes	N/A	Information provided correctly scores 85 for all gears.	No comment required.
2.4.1	Yes	Yes	N/A	Main issues with the Danish Seine trawl and demersal trawl, all with sea bed impact, They correctly only scores 80 whilst other three gears score 100..	No comment required.
2.4.2	Yes	Yes	N/A	Same issues as above with the Danish Seine and demersal trawl with reduced scores	No comment required.

Performance Indicator	Has all available relevant information been used to score this Indicator? (Yes/No)	Does the information and/or rationale used to score this Indicator support the given score? (Yes/No)	Will the condition(s) raised improve the fishery's performance to the SG80 level? (Yes/No/NA)	**Justification** Please support your answers by referring to specific scoring issues and any relevant documentation where possible. Please attach additional pages if necessary. Note: Justification to support your answers is only required where answers given are 'No'.	CAB Response
2.4.3	Yes	Yes	N/A	Again same issues corerctly identified plus the issue of the measurment of changes in habitat distribution over time in relation to all, gears.	No comment required.
2.5.1	Yes	Yes	N/A	A lack of evidence of the ecosytem impact by some gears on non target species,	No comment required.
2.5.2	Yes	Yes	N/A	Measures are in place, 100 score justified	No comment required.
2.5.3	Yes	Yes	N/A	A lack of knowledge of the ecosytem impact on the target species, by catch species, retained species and ETP species correctly reduces the score to 95.	No comment required.
3.1.1	Yes	Yes	N/A	The legal and customary framework essential to deliver the requirements of P1 and P2 are very well established by Norway and well described in the report	No comment required.
3.1.2	Yes	Yes	N/A	Procedures well established in Norway.	No comment required.

Performance Indicator	Has all available relevant information been used to score this Indicator? (Yes/No)	Does the information and/or rationale used to score this Indicator support the given score? (Yes/No)	Will the condition(s) raised improve the fishery's performance to the SG80 level? (Yes/No/NA)	**Justification** Please support your answers by referring to specific scoring issues and any relevant documentation where possible. Please attach additional pages if necessary. Note: Justification to support your answers is only required where answers given are 'No'.	CAB Response
3.1.3	Yes	Yes	N/A	The requirments of the Marine Resources Act underpin a score of 100 here	No comment required.
3.1.4	Yes	Yes	N/A	Please note that this template did not provide a 3.1.4 PI comment line. The requirements for a score of 100 are fully met	No comment required.
3.2.1	Yes	Yes	N/A	All objectives are clear and explicit	No comment required.
3.2.2	Yes	Yes	N/A	Very well described and 100 score supported	No comment required.
3.2.3	Yes	Yes	N/A	MCS system in Norway is first class and the evidence is well documented in the report and scoring comments	No comment required.
3.2.4	Yes	Yes	N/A	Will I ever see a score above 80 at this PI?? The issues at SG 100 a and b are generally met but the publication and dissemination of a Research Plan per se is just not the way things happen!	The team agrees. No further comments.

Performance Indicator	Has all available relevant information been used to score this Indicator? (Yes/No)	Does the information and/or rationale used to score this Indicator support the given score? (Yes/No)	Will the condition(s) raised improve the fishery's performance to the SG80 level? (Yes/No/NA)	Justification Please support your answers by referring to specific scoring issues and any relevant documentation where possible. Please attach additional pages if necessary. Note: Justification to support your answers is only required where answers given are 'No'.	CAB Response
3.2.5	Yes	Yes	N/A	Please note that this template did not provide a 3.2.5 PI comment line. The requirements for a score of 80 are fully met	No comment required.

Optional: General Comments on the Peer Review Draft Report (including comments on the adequacy of the background information if necessary) can be added below and on additional pages

- **General Comments of Peer reviewer.**

  The text of the report is generally good in particular the sections related to Principles 2 and 3. However I was disappointed with the report section on Principle 1. The information provided in this section of the report is very sparse, lacks important detail and in my opinion falls well short of the high standard I have come to expect in an MSC report.
  I think that the problem, as I see it, is almost certainly related to the undoubted vast experience and stock assessment expertise of the P1 expert. In that context I feel that he has taken too much for granted and failed to provide the ordinary reader with sufficient background to this fishery and its assessment.
  I will not go into great detail on this, mainly because I do not expect the team to do anything about my comments, but I will provide one example of what I mean, namely the stock assessment modelling. This relatively new State Space Assessment model (SAM) is unconventional in the ICES suite of models and should be described in a bit more detail rather than simply giving the reader a reference to look up. The model has many strengths compared with other models, not least the fact that it offers 95% confidence intervals on all the estimated parameters. However, it also has potential weaknesses which have manifested themselves retrospectively in some other ICES assessments, where the model has been abandoned. This should at least be mentioned in an honest description and appraisal of SAM.
  Finally, some explanation of the basis of the management Reference points not simply an ICES reference. Does the ordinary reader for example know what the change point in the regression for Blim means. It only needs a short sentence and *'job done'*
  The general lack of detail in the report has impacted on the scoring comments against some performance indicators in Principle 1 and this will be dealt with appropriately.

APPENDIX 3 STAKEHOLDER SUBMISSIONS

1. The report shall include:

a. All written submissions made by stakeholders during consultation opportunities listed in FCR 7.15.4.1.
b. All written and a detailed summary of verbal submissions received during site visits regarding issues of concern material to the outcome of the assessment *(Reference FCR 7.15.4.2)*
c. Explicit responses from the team to stakeholder submissions included in line with above requirements *(Reference: FCR 7.15.4.3)*

(REQUIRED FOR FR AND PCR)

2. The report shall include all written submissions made by stakeholders about the public comment draft report in full, together with the explicit responses of the team to points raised in comments on the public comment draft report that identify:

a. Specifically what (if any) changes to scoring, rationales, or conditions have been made.
b. A substantiated justification for not making changes where stakeholders suggest changes but the team makes no change.

- *(Reference: FCR 7.15.5-7.15.6)*

Appendix 3.1 Barents Sea Harmonisation meeting results summary

Harmonisation meeting for Barents Sea bottom trawl fisheries took place on 10.03.2016 and was coordinated by the MSC. Following Barents Sea cod, haddock and saithe fisheries were included into the harmonisation:

- Scapêche and Compagnie de Pêche de St. Malo saithe
- Barents Sea cod, haddock and saithe (Ocean Trawlers)
- Greenland cod, haddock and saithe trawl
- Norway North East Arctic saithe
- UK Fisheries/DFFU/Dogger Bank group saithe
- UK Fisheries/DFFU/Dogger Bank Northeast Arctic cod, haddock and saithe
- Russian Federation Barents Sea cod and haddock
- AGARBA Spain Barents Sea cod
- Comapêche and Euronor cod and haddock
- FIUN Barents & Norwegian Seas cod and haddock
- Norway North East Arctic cod and haddock
- Faroe Islands North East Arctic cod and saithe
- Faroe Islands North East Arctic haddock.

Participants:

David Agnew (MSC)	Billy Hynes (Acoura)
Megan Atcheson (MSC)	Lucia Revenga (P2 Assessor - Acoura)
Shaun McLennan (MSC)	Chrissie Sieben (MEC)
Dan Hoggarth (MSC)	Jo Gascoigne (P2 Assessor – MEC)
Stephanie Good (MSC)	Bert Keus Agonus (P2 Assessor - DNVGL)
Sigrun Bekkevold (DNVGL)	Guro Meldre Pedersen (DNVGL)
Andy Hough (P2 Assessor - DNVGL)	Anna Kiseleva (DNVGL)
Virginia Polonio (BV)	Jason Coombes (Acoura)
Macarena Garcia (BV)	Terry Holt (P2 Assessor - DNVGL)

General Conclusions

- MSC introduced the call with some background on harmonisation in the context of V1.3 of the standard. Particular emphasis was placed on the key difference between approaches required for harmonisation against difference Principles. There was also some background provided by MSC on the 14 certified fisheries operating within the Barents Sea, including some of the scoring trends reflected by respective assessments.
- The participants then discussed scoring in their respective fisheries and some of the factors underpinning passes and conditional passes. Some inconsistences were highlighted, in particular with respect to: i) the interpretation of Scoring Guideposts; ii) the evidence used to supporting scoring; iii) the outcomes of scoring and iv) client action plans (content and challenge).
- In general there seemed to be a range of factors impacting each score scenario which are covered in notes below[2]. Whilst changes to scores as a result of the meeting are not certain, the value of the discussion was arguably more about providing consistent rationales to explain differences in scores after harmonisation. Indeed this set of notes in itself may act to provide a source of information for CABs and Assessors to help explain differences in assessments undertaken for Version 1.3 of the standard.

[2] The harmonisation summary note was prepared by the MSC and distributed to all CABs who participated in the harmonisation meeting 10.03.2016.

- The MSC team reiterated the implications for fisheries entering new “areas” or in scenarios where there were “material changes” to scores evidenced by new information, including the need to consider at surveillance audits and via expedited audits where necessary.
- The team also touched on changes in Version 2 of the standard and likely harmonisation implications but it was felt that more time was needed/perhaps another session to help prepare CABs and Assessors for transition.

Discussion

PI 2.4.1 Outcome

- Assessors reported they find ambiguity inherent in the language and definitions (e.g. risk probabilities) for the habitat requirements. They rely on expert judgement to assess this PI.
- Scoring tended to focus on VMEs specifically where known. Best practice seems to be to consider each VME individually (as identified in MAREANO or other information source).
- With respect to the information on sensitivity of individual VMEs to trawling - consensus was that this information is available but has not tended to be specifically used (it may be that the assumption is that all VMEs are 'vulnerable' by definition).
- A number of VME and Habitat definitions used including OSPAR papers (e.g. OSPAR, 2010. Background Document for Deep-sea sponge Aggregations. Biodiversity Series, OSPAR, London). For Barents Sea main VMEs identified have been corals, sponges and (more recently) Sea pens / 'coral gardens'.

- Factors that may result in different outcome scores for PI 2.4.1:

    - Differences in target species (Saithe fished further south, cod and haddock intermediate latitudes and prawn furthest north)
        - Differences in intelligence available about fishing zone (best information in NEZ, less information in SFPZ although improving, Russian zone a bit unclear (information may exist but be hard to access).
    - Differences in the number of vessels in fleet and type of vessels (size but also what technology they have on board for identifying bottom types and how they use it)
    - Vessel/Operation nationalities. E.g. EU vs non-EU fishing activity - this is relevant in the Barents Sea because due to the rules on haddock bycatch for the EU fleet their footprint is more constrained than that of the Norwegian and Russian fleets.
    - Spatial extent of the vessel footprint – do they continuously fish over the same areas or is it widely dispersed.
    - Type of benthos
    - Some CABs use a scoring element approach for different types of habitats (sand, rocky, coral etc.), while others do not, even though required by CR v1.3 27.10.7.

PI 2.4.2 Management

- Factors that may result in different scores for PI 2.4.2:
    - Scale is an important consideration – there is generally more certainty that strategies are workable with less vessels (less variables); on the flip side large fleets are also more likely to be impacted by a national management framework (e.g. entire Norwegian fleet having to comply with “Move On” rules).
    - Differences in habitat impact management framework (Norway vs Russia vs both). Norway tended to manage fishery impacts in Marine Protected Areas (MPA); Russia does not have clear habitat protections.
    - Differences in approach of the individual client companies (e.g. awareness of VMEs, approach to recording and avoiding, monitoring and updating of their information e.g. via MAREANO).

- The availability of individual skippers was important – it was key to gauge their attitude as well as their experience of seeing VMEs come up in the trawl - but note that this is variable from fishery to fishery (usually only where a small number of vessels but not always even then).

PI 2.4.3 Information

- Factors that may result in different scores for PI 2.4.3:
  - Differences in the sources of information - coastal state information which is readily available - MAREANO notably; coastal state information which is not readily available e.g. scientific reports in Russian - individual vessel / fleet data e.g. on-board recording of VMEs - VMS data - easier to get in some cases than others, more often seen on the site visit than provided in reports; difficulties in obtaining highlighted
- Other important considerations (whilst not necessarily impacts on scoring, useful context for developing the standard).

Fisheries found it hard to "prove a negative" – there seemed to be scenarios where if interactions with sensitive habitats were not recorded, ngo's tended to speculate that those fisheries were not complying with monitoring requirements.

APPENDIX 4 SURVEILLANCE FREQUENCY

There are 3 conditions and 1 recommendation on this fishery, all related to P2.

Table 48 Surveillance level rationale

Year	Surveillance activity	Number of auditors	Rationale
1	On-site audit	2 auditors on-site	The 3 conditions on this fishery all require feedback from various stakeholders including the management authorities in addition to the Client, and it is considered essential to hold the surveillance audit on-site in year 1 with the option to review in later years.

Table 49 Timing of surveillance audit

Year	Anniversary date of certificate	Proposed date of surveillance audit	Rationale
1	Expected June 2018	June 2019	1 calender year after certificate issue.

Table 50 Fishery Surveillance Program

Surveillance Level	Year 1	Year 2	Year 3	Year 4
Level 6	On-site surveillance audit	On-site surveillance audit	On-site surveillance audit	On-site surveillance audit & re-certification site visit

APPENDIX 5 OBJECTIONS PROCESS

(REQUIRED FOR THE PCR IN ASSESSMENTS WHERE AN OBJECTION WAS RAISED AND ACCEPTED BY AN INDEPENDENT ADJUDICATOR)

The report shall include all written decisions arising from an objection.

(Reference: FCR 7.19.1)

APPENDIX 6 VESSEL LIST

Register	Regmerke	Fartøynavn
Merkeregister	A 0001AS	VITO
Merkeregister	A 0001F	TULLA
Merkeregister	A 0001O	GERD
Merkeregister	A 0002F	SKIPPY
Merkeregister	A 0004V	SOONING
Merkeregister	A 0005AS	TRYGG
Merkeregister	A 0005F	TÆRNA
Merkeregister	A 0006V	SONINGEN
Merkeregister	A 0010F	CONSTANCE
Merkeregister	A 0010O	MÅSEN
Merkeregister	A 0011F	FJELLVIK
Merkeregister	A 0013F	SILJE
Merkeregister	A 0014AS	LUCKY
Merkeregister	AA0001A	ÅLEN
Merkeregister	AA0001G	SMART
Merkeregister	AA0001L	MAGGIE
Merkeregister	AA0001R	STRANDGUTT
Merkeregister	AA0002G	PILAR
Merkeregister	AA0002L	HØVÅGTRÅL
Merkeregister	AA0002R	BIG TWIN
Merkeregister	AA0002T	BORØY
Merkeregister	AA0003A	SIDSEL LOUISE
Merkeregister	AA0003G	BLUEPEARL
Merkeregister	AA0003L	HØVÅGTRÅL II
Merkeregister	AA0003R	WHITE PEARL
Merkeregister	AA0003T	SANDØYJENTA
Merkeregister	AA0004A	ROUGHBOY
Merkeregister	AA0004G	HOVLAND
Merkeregister	AA0004L	MALLA
Merkeregister	AA0004R	DEPPA
Merkeregister	AA0004T	LEPPA
Merkeregister	AA0005A	TEIS
Merkeregister	AA0005G	VÅGAN
Merkeregister	AA0005L	SØRTRÅL
Merkeregister	AA0005T	MIRAGEM
Merkeregister	AA0006A	HANNE
Merkeregister	AA0006G	KJETIL
Merkeregister	AA0006L	LEPPA

Merkeregister	AA0006R	TIRIL
Merkeregister	AA0006T	RAN
Merkeregister	AA0007A	FARMANN
Merkeregister	AA0007G	KVALØY
Merkeregister	AA0007L	FARMANN
Merkeregister	AA0007R	SKJEKTE
Merkeregister	AA0007T	BÅT 2
Merkeregister	AA0008A	BLUE DOLPHIN
Merkeregister	AA0008G	OSKAR
Merkeregister	AA0008L	LEPPA
Merkeregister	AA0008R	SJØVÆRING
Merkeregister	AA0008T	SILVER VIKING
Merkeregister	AA0009A	STRANDSNIPA
Merkeregister	AA0009G	VALØ
Merkeregister	AA0009R	LEPPA
Merkeregister	AA0009T	HAVBLIKK 2
Merkeregister	AA0010A	EMELY SØR
Merkeregister	AA0010G	BIBS II
Merkeregister	AA0010R	LINN
Merkeregister	AA0010T	BÅT 1
Merkeregister	AA0011A	FREDAG
Merkeregister	AA0011G	SMARTO
Merkeregister	AA0011T	LINNEA
Merkeregister	AA0012A	HAVØRN
Merkeregister	AA0012G	LURØY
Merkeregister	AA0012T	KARI
Merkeregister	AA0013R	QUATTRO
Merkeregister	AA0014A	ROWDY
Merkeregister	AA0014G	SVANEN
Merkeregister	AA0014R	LILLEØ
Merkeregister	AA0014T	DEPPA
Merkeregister	AA0015A	FLONI
Merkeregister	AA0015G	MAJO
Merkeregister	AA0015R	LURO
Merkeregister	AA0015T	MOBY DICK
Merkeregister	AA0016G	FRØYA
Merkeregister	AA0016T	SPEEDBIRD
Merkeregister	AA0017L	NEBB
Merkeregister	AA0018G	HEBRON
Merkeregister	AA0018L	VIBEKE

Merkeregister	AA0018R	ODIN
Merkeregister	AA0019R	ELLENFISK
Merkeregister	AA0019T	SPEEDBIRD
Merkeregister	AA0020A	SIGNAL
Merkeregister	AA0021G	MATHEA
Merkeregister	AA0022A	TORUNGEN
Merkeregister	AA0022G	ALKA
Merkeregister	AA0022T	SJØGUTT
Merkeregister	AA0023A	TERNA
Merkeregister	AA0024G	SAGATO
Merkeregister	AA0024T	LEPPA
Merkeregister	AA0025R	TANGEGUTT
Merkeregister	AA0026G	HAVSUL
Merkeregister	AA0026T	GREPAN JUNIOR
Merkeregister	AA0028G	CARINA
Merkeregister	AA0028L	TØTTA
Merkeregister	AA0029R	NILS ERIK
Merkeregister	AA0030A	METTE
Merkeregister	AA0030L	SABBEN
Merkeregister	AA0031A	MARITA II
Merkeregister	AA0032R	ERO
Merkeregister	AA0033G	FOZZI II
Merkeregister	AA0034A	OMEGA
Merkeregister	AA0034L	OLINE
Merkeregister	AA0035A	SNORRE
Merkeregister	AA0036A	RYDNINGEN
Merkeregister	AA0038A	LIMA
Merkeregister	AA0040A	OMEGA
Merkeregister	AA0040L	RANDI II
Merkeregister	AA0044A	GRIMUR
Merkeregister	AA0044L	LINDA
Merkeregister	AA0045A	ASTRID
Merkeregister	AA0047A	TJELD
Merkeregister	AA0050T	TEISTHOLM
Merkeregister	AA0055A	FLONI
Merkeregister	AA0055G	ASTOR
Merkeregister	AA0056A	ASTRID ANN
Merkeregister	AA0056G	ATO
Merkeregister	AA0057A	LISE
Merkeregister	AA0059A	HAVFRUEN II

Merkeregister	AA0061G	VILLFUGL
Merkeregister	AA0062A	ANFIELD
Merkeregister	AA0063A	JALITO
Merkeregister	AA0065G	MIDNATTSOL
Merkeregister	AA0066L	HEDVIG
Merkeregister	AA0066R	JANO
Merkeregister	AA0069L	HELLESØY
Merkeregister	AA0071T	NEBBA
Merkeregister	AA0076A	FRØKEN WAHLBERG
Merkeregister	AA0080G	STØLE
Merkeregister	AA0081A	HAVSULA
Merkeregister	AA0084L	BUSTER
Merkeregister	AA0085L	DENNIS
Merkeregister	AA0086A	TRIUMF
Merkeregister	AA0088A	BAMSE 2
Merkeregister	AA0090A	STARLIGHT RAYS
Merkeregister	AA0091A	KJELSVIK
Merkeregister	AA0096A	SIRI
Merkeregister	AA0128L	MORILD
Merkeregister	BD0001D	NORDHOLMEN
Merkeregister	BD0001H	LATI
Merkeregister	BD0002D	BIGGI
Merkeregister	BD0003D	SMURFEN
Merkeregister	BD0006R	VANIDA
Merkeregister	BD0010H	VERA
Merkeregister	F 0001A	GURI MARIE
Merkeregister	F 0001B	HAVPRINS
Merkeregister	F 0001G	SOLRAND
Merkeregister	F 0001H	SEILAND
Merkeregister	F 0001HV	MUMMI
Merkeregister	F 0001KD	SJØGUTT
Merkeregister	F 0001L	HERMES
Merkeregister	F 0001LB	POLARLINER
Merkeregister	F 0001M	MEYBELL
Merkeregister	F 0001N	ANNA ELINE
Merkeregister	F 0001NK	KRISTIAN GERHARD
Merkeregister	F 0001P	FJORDBUEN
Merkeregister	F 0001SV	HAVØRN
Merkeregister	F 0001TN	JOHN ANDREAS
Merkeregister	F 0001V	KARL-BJARNE

Merkeregister	F 0001VS	LYKKEN
Merkeregister	F 0002A	VARGSUNDVÆRING
Merkeregister	F 0002B	NORBANKEN
Merkeregister	F 0002BD	KOLLBEIN
Merkeregister	F 0002G	BRUSE
Merkeregister	F 0002H	VARFJELL
Merkeregister	F 0002HV	STØRR
Merkeregister	F 0002KD	JUNIOR
Merkeregister	F 0002L	THEA-EMILIE
Merkeregister	F 0002LB	JØRN Y
Merkeregister	F 0002M	ANTE
Merkeregister	F 0002N	VARJJAT
Merkeregister	F 0002NK	TOMBA
Merkeregister	F 0002P	HAVPRINS II
Merkeregister	F 0002SV	ELISABETH II
Merkeregister	F 0002TN	MALENE
Merkeregister	F 0002V	VANGEN
Merkeregister	F 0002VS	ODIN
Merkeregister	F 0003A	IDA
Merkeregister	F 0003B	ANNE G
Merkeregister	F 0003BD	RUBIN
Merkeregister	F 0003G	WILHELMINA
Merkeregister	F 0003H	GERD
Merkeregister	F 0003HV	ANN RENATE
Merkeregister	F 0003L	LADY M
Merkeregister	F 0003LB	KJAPP
Merkeregister	F 0003M	TROLLSUND
Merkeregister	F 0003NK	VARGOFISK
Merkeregister	F 0003P	TVIBURDAR
Merkeregister	F 0003SV	ÅRSTEINNES
Merkeregister	F 0003TN	ANITA
Merkeregister	F 0003V	TERNEN
Merkeregister	F 0003VS	ELISABETH
Merkeregister	F 0004A	CELINE
Merkeregister	F 0004B	GUSTAV
Merkeregister	F 0004BD	GADUS POSEIDON
Merkeregister	F 0004G	SEKTOR
Merkeregister	F 0004H	BJARNE NILSEN
Merkeregister	F 0004HV	HAAGRUNN
Merkeregister	F 0004L	AUDUN

Merkeregister	F 0004LB	VÅRLINER (UTGÅTT)
Merkeregister	F 0004M	GULLSKJÆR
Merkeregister	F 0004N	TASS
Merkeregister	F 0004NK	RUDOLF SEN.
Merkeregister	F 0004P	ALONA
Merkeregister	F 0004SV	VIKAN
Merkeregister	F 0004TN	TERNA
Merkeregister	F 0004V	SOLTIND
Merkeregister	F 0004VS	SARA
Merkeregister	F 0005A	FLUVÆRING
Merkeregister	F 0005B	JOHANNE
Merkeregister	F 0005BD	JOHAN P
Merkeregister	F 0005G	RUNAR
Merkeregister	F 0005H	JOHN PEDER
Merkeregister	F 0005HV	BRANDSØY
Merkeregister	F 0005KD	JARLEN
Merkeregister	F 0005L	GERD-ELI
Merkeregister	F 0005LB	MEGRUNN
Merkeregister	F 0005M	KASPER
Merkeregister	F 0005N	INGER
Merkeregister	F 0005NK	VIKAFISK
Merkeregister	F 0005P	SANDØY
Merkeregister	F 0005SV	BUGØYFISK
Merkeregister	F 0005TN	SKARDHOLMEN
Merkeregister	F 0005V	NYSVANEN
Merkeregister	F 0005VS	MARTE
Merkeregister	F 0006B	NEMO
Merkeregister	F 0006BD	INGVALDSON
Merkeregister	F 0006G	ROGER
Merkeregister	F 0006H	KJELL STEINAR
Merkeregister	F 0006HV	HARVESTER
Merkeregister	F 0006L	ARNE-O
Merkeregister	F 0006LB	IMAGINE
Merkeregister	F 0006M	MARITA KATHRIN
Merkeregister	F 0006N	AILIDA
Merkeregister	F 0006NK	GEIR RUNE
Merkeregister	F 0006SV	FEIESKJÆR
Merkeregister	F 0006TN	BIRK
Merkeregister	F 0006V	LINN-TORRY
Merkeregister	F 0006VS	FRIDA

Merkeregister	F 0007A	NIKI
Merkeregister	F 0007B	VESTHAVET
Merkeregister	F 0007BD	TANJA
Merkeregister	F 0007G	CHARMI
Merkeregister	F 0007H	GURO
Merkeregister	F 0007HV	MARITIM
Merkeregister	F 0007KD	UMA
Merkeregister	F 0007L	GLOMFJORD
Merkeregister	F 0007LB	ØRNTIND
Merkeregister	F 0007M	SANDNES
Merkeregister	F 0007NK	KRISTIAN GERHARD
Merkeregister	F 0007P	PORSANGVÆRING
Merkeregister	F 0007SV	MEGGI
Merkeregister	F 0007TN	CLARA
Merkeregister	F 0007V	THEA DALWHINNIE
Merkeregister	F 0007VS	PARTNER
Merkeregister	F 0008A	KORSNESVÆRINGEN
Merkeregister	F 0008B	HAVSJY
Merkeregister	F 0008BD	HAFDIS
Merkeregister	F 0008G	KIM ANDRE
Merkeregister	F 0008H	RÅSA
Merkeregister	F 0008HV	SKARVEN
Merkeregister	F 0008KD	REPPARFJORD
Merkeregister	F 0008LB	JONNY-BJØRNSTEIN
Merkeregister	F 0008M	STEINRYGGEN
Merkeregister	F 0008N	EGIL
Merkeregister	F 0008NK	HAVELLA
Merkeregister	F 0008P	SAKURA
Merkeregister	F 0008SV	WENCHE
Merkeregister	F 0008TN	MARIT K.
Merkeregister	F 0008V	JUNE
Merkeregister	F 0008VS	DØNNING
Merkeregister	F 0009A	INGER LISBETH
Merkeregister	F 0009B	LINNI
Merkeregister	F 0009BD	SKÅREN
Merkeregister	F 0009G	SØLVI
Merkeregister	F 0009H	ÅKE
Merkeregister	F 0009HV	VALKYRIEN
Merkeregister	F 0009KD	OLE-A
Merkeregister	F 0009LB	LUPUS

Merkeregister	F 0009M	TERNA
Merkeregister	F 0009P	EMMA
Merkeregister	F 0009SV	CINDY
Merkeregister	F 0009TN	STORE
Merkeregister	F 0009V	LINDA SOFIE
Merkeregister	F 0009VS	SOLVARDEN
Merkeregister	F 0010A	THINKA
Merkeregister	F 0010B	DYPFJORD
Merkeregister	F 0010BD	MAY LIS
Merkeregister	F 0010G	MEA
Merkeregister	F 0010H	SOLVÆRSKJÆR
Merkeregister	F 0010HV	NOVOS
Merkeregister	F 0010KD	LINDA MERETE
Merkeregister	F 0010L	ØRNULF
Merkeregister	F 0010LB	JOHN-REIDAR
Merkeregister	F 0010M	LILLEGRUNN
Merkeregister	F 0010N	LINNEA
Merkeregister	F 0010NK	STRØNSTADVÆRING
Merkeregister	F 0010P	SØRVEST
Merkeregister	F 0010SV	KLAR-SELIN
Merkeregister	F 0010TN	EMMY
Merkeregister	F 0010V	IDA-MARI
Merkeregister	F 0010VS	NOBEL
Merkeregister	F 0011A	MEBANKEN
Merkeregister	F 0011B	REINBØEN
Merkeregister	F 0011BD	PER ROGER
Merkeregister	F 0011G	JUNO
Merkeregister	F 0011H	UNNUR
Merkeregister	F 0011HV	IEVA
Merkeregister	F 0011KD	BIRJA
Merkeregister	F 0011LB	KARTØY
Merkeregister	F 0011M	GRØTEN
Merkeregister	F 0011N	TROIJA
Merkeregister	F 0011NK	RAPPEN
Merkeregister	F 0011P	HAVKATT
Merkeregister	F 0011SV	JONAS
Merkeregister	F 0011TN	JUNE
Merkeregister	F 0011V	RUNE
Merkeregister	F 0011VS	ANDFJORD
Merkeregister	F 0012A	ÅRØY

Merkeregister	F 0012B	ULF HAGBART
Merkeregister	F 0012BD	ENJA
Merkeregister	F 0012G	REMY
Merkeregister	F 0012H	ROALD JR.
Merkeregister	F 0012HV	NIKOLAI
Merkeregister	F 0012L	SNETIND
Merkeregister	F 0012LB	NY-ODD
Merkeregister	F 0012M	INGØYVÆRING
Merkeregister	F 0012N	JAN GUNNAR
Merkeregister	F 0012NK	SOA
Merkeregister	F 0012P	JOHN INGE
Merkeregister	F 0012SV	LENE W
Merkeregister	F 0012TN	SIGNE
Merkeregister	F 0012V	BALDER
Merkeregister	F 0012VS	KOS I
Merkeregister	F 0013G	CAVARO
Merkeregister	F 0013H	ANN-MAYLEN
Merkeregister	F 0013LB	SASHA
Merkeregister	F 0013NK	ØYSKJÆR
Merkeregister	F 0013SV	TAP
Merkeregister	F 0013VS	BIFANGST
Merkeregister	F 0014B	FISKESKJÆR
Merkeregister	F 0014BD	NY-GLIMT
Merkeregister	F 0014G	KJETIL
Merkeregister	F 0014H	LILLE TRÅLE
Merkeregister	F 0014HV	KETIL
Merkeregister	F 0014L	VESLEMØY
Merkeregister	F 0014LB	ASKELADDEN
Merkeregister	F 0014M	HAVBRIS
Merkeregister	F 0014N	DIXI
Merkeregister	F 0014NK	HEGE
Merkeregister	F 0014P	LANGØY
Merkeregister	F 0014SV	GÅPPA
Merkeregister	F 0014TN	NEPTUN
Merkeregister	F 0014V	LARVIKGUTEN
Merkeregister	F 0014VS	RAMONA
Merkeregister	F 0015A	PER GUNNAR
Merkeregister	F 0015B	KARL-TORGEIR
Merkeregister	F 0015BD	LAMOCINE
Merkeregister	F 0015G	BØEN

Merkeregister	F 0015HV	ROSSFJORD
Merkeregister	F 0015LB	BÅRDFJORD
Merkeregister	F 0015M	ROJOMA
Merkeregister	F 0015NK	JUNE
Merkeregister	F 0015P	ANN-LOUISE
Merkeregister	F 0015SV	SMILLA
Merkeregister	F 0015TN	MARTIN
Merkeregister	F 0015VS	HAVDUR
Merkeregister	F 0016A	MEA
Merkeregister	F 0016B	SIMEN
Merkeregister	F 0016BD	WIJAFISK
Merkeregister	F 0016G	UREVÆRINGEN
Merkeregister	F 0016H	HANNA INGEBORG
Merkeregister	F 0016HV	FELIX
Merkeregister	F 0016KD	LIAGUTT
Merkeregister	F 0016LB	STOKKVIK
Merkeregister	F 0016N	OSKAR
Merkeregister	F 0016NK	HORNGRUNN
Merkeregister	F 0016P	SIGGE-ANDRE
Merkeregister	F 0016TN	BØME
Merkeregister	F 0016V	KENNETH
Merkeregister	F 0016VS	ODIN
Merkeregister	F 0017A	SØSTER
Merkeregister	F 0017B	KENNETH JOHAN
Merkeregister	F 0017BD	FARMANN
Merkeregister	F 0017G	CAROLINE
Merkeregister	F 0017H	DOGGI
Merkeregister	F 0017LB	SISSEL
Merkeregister	F 0017M	ROY-ANETT
Merkeregister	F 0017NK	FINNVIKGUTT
Merkeregister	F 0017P	ØYBRIS
Merkeregister	F 0017SV	ARK
Merkeregister	F 0017TN	NINA-CORNELIA
Merkeregister	F 0017V	MILDA
Merkeregister	F 0017VS	DOGGEN
Merkeregister	F 0018A	HERMANN
Merkeregister	F 0018B	LAMOCINE
Merkeregister	F 0018BD	VONHEIM
Merkeregister	F 0018G	REIPNAKKEN
Merkeregister	F 0018H	SVANEN

Merkeregister	F 0018HV	BRATTHOLMEN
Merkeregister	F 0018KD	KLUBBFISK
Merkeregister	F 0018LB	OLE-HENRIK
Merkeregister	F 0018N	HÅREK
Merkeregister	F 0018NK	ROSA
Merkeregister	F 0018P	TROLLABUEN
Merkeregister	F 0018SV	RINGSOL
Merkeregister	F 0018TN	MARTIN
Merkeregister	F 0018V	VÅRSOL
Merkeregister	F 0018VS	MAGNAR
Merkeregister	F 0019A	PILEN
Merkeregister	F 0019BD	EIVIND
Merkeregister	F 0019G	HØVDING
Merkeregister	F 0019H	NORDLYS
Merkeregister	F 0019HV	NONSTIND
Merkeregister	F 0019LB	BJØRNØY
Merkeregister	F 0019M	TIN
Merkeregister	F 0019NK	ISRYPA
Merkeregister	F 0019P	MAYA
Merkeregister	F 0019SV	SVELLINGEN
Merkeregister	F 0019TN	FJORDBAS
Merkeregister	F 0019V	NITTAYA
Merkeregister	F 0019VS	NORDVÅG
Merkeregister	F 0020A	STJERNA
Merkeregister	F 0020B	TRIN EVEN
Merkeregister	F 0020BD	RONJA-MATHEA
Merkeregister	F 0020G	ALF-SIGMUND
Merkeregister	F 0020H	POLARSTJERNA
Merkeregister	F 0020HV	EVEN
Merkeregister	F 0020LB	SILJE MARIE
Merkeregister	F 0020M	DELFIN
Merkeregister	F 0020N	TOR EINAR
Merkeregister	F 0020NK	VILJEN
Merkeregister	F 0020P	LILLE HAUGEN
Merkeregister	F 0020SV	SJØSPRØYT
Merkeregister	F 0020TN	SARA
Merkeregister	F 0020V	FORTUNE
Merkeregister	F 0020VS	TYFJORD
Merkeregister	F 0021A	PLUTOS
Merkeregister	F 0021BD	GRIMSHOLM

Merkeregister	F 0021G	LANGNES
Merkeregister	F 0021H	GRØTEN
Merkeregister	F 0021HV	TARRELUSA
Merkeregister	F 0021LB	UTSIKTEN
Merkeregister	F 0021M	FISKUR
Merkeregister	F 0021N	JIM HÅVARD
Merkeregister	F 0021NK	ANITA
Merkeregister	F 0021P	BALTOBERGE
Merkeregister	F 0021SV	BUGØY
Merkeregister	F 0021TN	LAKSNES
Merkeregister	F 0021V	SACKURA
Merkeregister	F 0021VS	SOLØY
Merkeregister	F 0022A	JAN BØRRE
Merkeregister	F 0022B	REIBAKKEN
Merkeregister	F 0022BD	ELINE
Merkeregister	F 0022G	KAROLINE
Merkeregister	F 0022H	ELINE
Merkeregister	F 0022LB	DYFJORD
Merkeregister	F 0022M	FISKENES
Merkeregister	F 0022N	POLARVIND
Merkeregister	F 0022NK	BØRNES
Merkeregister	F 0022P	RIINAKAISA
Merkeregister	F 0022SV	DRONNINGA
Merkeregister	F 0022TN	BELLA
Merkeregister	F 0022V	JANKA
Merkeregister	F 0022VS	VÅGSØY
Merkeregister	F 0023A	TEIST
Merkeregister	F 0023BD	TOM LAURITZ
Merkeregister	F 0023G	RAMGRUNN
Merkeregister	F 0023H	GLIMT
Merkeregister	F 0023HV	BORGETIND
Merkeregister	F 0023LB	FJORDHEKSA
Merkeregister	F 0023M	MOGUTTEN
Merkeregister	F 0023N	ENJA
Merkeregister	F 0023NK	JOSEFSEN SENIOR
Merkeregister	F 0023P	BRENNAJENTA
Merkeregister	F 0023TN	UNNUR
Merkeregister	F 0023V	ONSØYGUTT II
Merkeregister	F 0024A	MARIANNE
Merkeregister	F 0024B	LAGUN

Merkeregister	F 0024BD	BJØRKÅSBUEN
Merkeregister	F 0024G	SEIVIKBUEN
Merkeregister	F 0024H	LILL-TOVE
Merkeregister	F 0024HV	LERA
Merkeregister	F 0024KD	LILLEGUTT
Merkeregister	F 0024LB	LYSØY
Merkeregister	F 0024M	SPIRA
Merkeregister	F 0024N	JAN GUNNAR
Merkeregister	F 0024NK	EWUNIA
Merkeregister	F 0024P	EDITH
Merkeregister	F 0024SV	TALINA
Merkeregister	F 0024V	SIRIUS
Merkeregister	F 0024VS	JIM HÅVARD
Merkeregister	F 0025A	ARCTIC SWAN
Merkeregister	F 0025B	BENONI
Merkeregister	F 0025BD	LEIKA
Merkeregister	F 0025G	BLESSILA
Merkeregister	F 0025H	STRØMSHAV
Merkeregister	F 0025L	VICTORIA
Merkeregister	F 0025LB	KAROLINE
Merkeregister	F 0025N	BARSNES
Merkeregister	F 0025NK	RAPPEN
Merkeregister	F 0025P	OLI
Merkeregister	F 0025SV	MR. LEINAN
Merkeregister	F 0025TN	NORWASTERN
Merkeregister	F 0025V	CHRISTINA
Merkeregister	F 0025VS	MARIGA
Merkeregister	F 0026A	SØRNES
Merkeregister	F 0026B	TORSTEIN
Merkeregister	F 0026BD	SIGGI BESSA
Merkeregister	F 0026G	MARIA ANDREA
Merkeregister	F 0026HV	KLO
Merkeregister	F 0026LB	KRUSE KNALLKUL
Merkeregister	F 0026M	SONJA
Merkeregister	F 0026N	IDA
Merkeregister	F 0026NK	RAMBO II
Merkeregister	F 0026SV	INE MARITA
Merkeregister	F 0026TN	SIGTOR
Merkeregister	F 0026V	MARCUS
Merkeregister	F 0026VS	NEPTUN

Merkeregister	F 0027A	EIDEGUTTEN
Merkeregister	F 0027BD	NAMO
Merkeregister	F 0027G	YSTNESVÆRING
Merkeregister	F 0027H	GEORG
Merkeregister	F 0027LB	JULIE
Merkeregister	F 0027M	HTIND
Merkeregister	F 0027NK	OLASDATTER
Merkeregister	F 0027P	JIM LEVI
Merkeregister	F 0027SV	KRISTIN
Merkeregister	F 0027TN	LISO
Merkeregister	F 0027V	VILIJA
Merkeregister	F 0028A	NORLYS
Merkeregister	F 0028BD	STAMSUND
Merkeregister	F 0028G	PLUGGEN
Merkeregister	F 0028H	DENNIS
Merkeregister	F 0028L	SATURN
Merkeregister	F 0028LB	MAIKEN
Merkeregister	F 0028M	INGER
Merkeregister	F 0028N	AMANDA
Merkeregister	F 0028NK	EMMA-V
Merkeregister	F 0028P	ERLEND JOHAN
Merkeregister	F 0028SV	RIDDU
Merkeregister	F 0028TN	DANØY
Merkeregister	F 0028V	TOMMI MARI
Merkeregister	F 0028VS	LUNA
Merkeregister	F 0029A	PASIENT
Merkeregister	F 0029BD	HAVSULA
Merkeregister	F 0029G	KVITNAKKEN
Merkeregister	F 0029H	HAVØRNA
Merkeregister	F 0029HV	SOLNES
Merkeregister	F 0029L	SKJERM
Merkeregister	F 0029LB	LUNHEIM SENIOR
Merkeregister	F 0029M	KJØLVA
Merkeregister	F 0029NK	STORGRUNN
Merkeregister	F 0029P	TONY ANDRE
Merkeregister	F 0029SV	TIIRA
Merkeregister	F 0029TN	NELLY
Merkeregister	F 0029V	HAVSULA
Merkeregister	F 0030A	MIA
Merkeregister	F 0030B	MARGARETH

Merkeregister	F 0030BD	SOLHEIM
Merkeregister	F 0030G	BISPEN
Merkeregister	F 0030H	KJØLVA
Merkeregister	F 0030HV	KETIL
Merkeregister	F 0030L	EINAR-ANDRE
Merkeregister	F 0030LB	MUSA
Merkeregister	F 0030M	NYSJØ
Merkeregister	F 0030NK	MESKJÆR
Merkeregister	F 0030P	BAMSE
Merkeregister	F 0030SV	BUGØYFJORDVÆRING
Merkeregister	F 0030TN	HAVSKJÆR
Merkeregister	F 0030V	STØA
Merkeregister	F 0030VS	VARANGERGUTT
Merkeregister	F 0031A	BIRTU-LIAS
Merkeregister	F 0031BD	SANDRA MARI
Merkeregister	F 0031G	ALDIS LIND
Merkeregister	F 0031H	BR. ISAKSEN
Merkeregister	F 0031HV	GRUNNBAKK
Merkeregister	F 0031LB	POSTNES
Merkeregister	F 0031M	RAGNAR M
Merkeregister	F 0031NK	LINN
Merkeregister	F 0031P	BARJO
Merkeregister	F 0031SV	MARIYA
Merkeregister	F 0031TN	LYSBØEN
Merkeregister	F 0031V	LINDFISK
Merkeregister	F 0031VS	FJORDFISK
Merkeregister	F 0032A	POLLJENTA
Merkeregister	F 0032BD	SPIKA
Merkeregister	F 0032G	TOR EIRIK
Merkeregister	F 0032H	WANGSGUTTEN
Merkeregister	F 0032HV	SANDVIKNES
Merkeregister	F 0032L	KOMET
Merkeregister	F 0032LB	VARFJELL
Merkeregister	F 0032M	SOLNES
Merkeregister	F 0032N	ODDSON
Merkeregister	F 0032NK	TUNDRA
Merkeregister	F 0032P	CARMENCITA
Merkeregister	F 0032SV	SKUDEJENTA
Merkeregister	F 0032TN	OLAFUR
Merkeregister	F 0032V	SOLRAND

Merkeregister	F 0032VS	BIFROST
Merkeregister	F 0033A	VARGSUNDVÆRING
Merkeregister	F 0033B	MILDRID
Merkeregister	F 0033BD	RIVALEN
Merkeregister	F 0033G	AKSEL ANDRE
Merkeregister	F 0033H	FANGST
Merkeregister	F 0033HV	NORA
Merkeregister	F 0033L	OCEAN BLUE
Merkeregister	F 0033LB	PATRICK
Merkeregister	F 0033M	ROLVSØYVÆRING
Merkeregister	F 0033N	FJORDBAS
Merkeregister	F 0033NK	LUNA
Merkeregister	F 0033P	GLIMT
Merkeregister	F 0033SV	LENE W
Merkeregister	F 0033TN	TANAFJORD
Merkeregister	F 0033V	MAIKEN-JENTA
Merkeregister	F 0033VS	SOLEY JR
Merkeregister	F 0034A	ERLE
Merkeregister	F 0034BD	TORE
Merkeregister	F 0034G	BETTY ILONA
Merkeregister	F 0034H	BREIVIK
Merkeregister	F 0034HV	KVITHOLMEN
Merkeregister	F 0034KD	VEINES
Merkeregister	F 0034LB	NIKITA
Merkeregister	F 0034M	SOLBRIS
Merkeregister	F 0034NK	JOHANNA
Merkeregister	F 0034P	LANGNES
Merkeregister	F 0034SV	STANGNES
Merkeregister	F 0034TN	KALLEGUTT
Merkeregister	F 0034V	RIMALA
Merkeregister	F 0034VS	TONE
Merkeregister	F 0035A	ARCTIC SWAN
Merkeregister	F 0035BD	ERNA
Merkeregister	F 0035G	NERO
Merkeregister	F 0035H	GULLSKARVEN
Merkeregister	F 0035HV	SILHAV
Merkeregister	F 0035KD	STINE
Merkeregister	F 0035LB	JULIA
Merkeregister	F 0035M	MARELIUSSON
Merkeregister	F 0035NK	LINEFISK

Merkeregister	F 0035P	TITINGEN
Merkeregister	F 0035SV	SUKI
Merkeregister	F 0035V	MESKJÆR
Merkeregister	F 0035VS	DELFIN
Merkeregister	F 0036A	IDA
Merkeregister	F 0036B	TONJE
Merkeregister	F 0036BD	ARK
Merkeregister	F 0036G	VÅRSOL
Merkeregister	F 0036HV	NORDLYSFISK
Merkeregister	F 0036L	EMMA
Merkeregister	F 0036LB	NENNIK
Merkeregister	F 0036NK	REBEKKA
Merkeregister	F 0036P	CHRISTINA
Merkeregister	F 0036SV	OTER
Merkeregister	F 0036TN	TAMARINDO
Merkeregister	F 0036V	VIGRUNN
Merkeregister	F 0036VS	VÅRIN
Merkeregister	F 0037A	ARHOLMEN
Merkeregister	F 0037B	ERLEND
Merkeregister	F 0037BD	NORDNESGUBBEN
Merkeregister	F 0037G	KARL-TORGEIR
Merkeregister	F 0037HV	THAIFUN
Merkeregister	F 0037L	STENSØ
Merkeregister	F 0037LB	STIG ROAR
Merkeregister	F 0037M	TRELLEFISK
Merkeregister	F 0037NK	DELFIN
Merkeregister	F 0037P	AILI
Merkeregister	F 0037SV	SKOGERØY
Merkeregister	F 0037TN	RIVALEN
Merkeregister	F 0037V	LINDFISK
Merkeregister	F 0038A	OLSEN SENIOR
Merkeregister	F 0038BD	HAVBØEN
Merkeregister	F 0038G	SKJÅNES
Merkeregister	F 0038H	RYPEFJORD
Merkeregister	F 0038HV	TUSSI
Merkeregister	F 0038KD	AKSEL JR.
Merkeregister	F 0038LB	KJAPP
Merkeregister	F 0038M	SEGLSTEIN
Merkeregister	F 0038NK	LANGSKJÆR
Merkeregister	F 0038P	HUNTER

Merkeregister	F 0038SV	JENDOR
Merkeregister	F 0038V	FRAM
Merkeregister	F 0038VS	GEMINI
Merkeregister	F 0039A	FJELLTIND
Merkeregister	F 0039G	ISBJØRN
Merkeregister	F 0039HV	BAMBUSJENTA
Merkeregister	F 0039LB	KAIRO
Merkeregister	F 0039M	EMMA O
Merkeregister	F 0039NK	LØNNEGGA
Merkeregister	F 0039P	SAMANTA
Merkeregister	F 0039SV	JAMO
Merkeregister	F 0039V	KING MARCUS
Merkeregister	F 0039VS	ØYGRUNN
Merkeregister	F 0040A	CARINA
Merkeregister	F 0040B	HELLØY
Merkeregister	F 0040BD	FRØYA
Merkeregister	F 0040G	NORDSTJERNA
Merkeregister	F 0040H	SØRVÆRING
Merkeregister	F 0040HV	SVEGRUNN
Merkeregister	F 0040LB	REMI
Merkeregister	F 0040M	KYSTFISK
Merkeregister	F 0040NK	SOLENG SENIOR
Merkeregister	F 0040P	VIKING
Merkeregister	F 0040SV	ANDREA
Merkeregister	F 0040TN	PINTA
Merkeregister	F 0040V	CLEO
Merkeregister	F 0040VS	ANDREA
Merkeregister	F 0041A	FJORDVÆRING
Merkeregister	F 0041BD	LA-VIDA
Merkeregister	F 0041G	VIKTORIA LIF
Merkeregister	F 0041H	HENRIKSEN JR.
Merkeregister	F 0041LB	MARITA
Merkeregister	F 0041M	LILJEN
Merkeregister	F 0041NK	AURORA
Merkeregister	F 0041P	INGRID ELISABETH
Merkeregister	F 0041SV	DANSKEN
Merkeregister	F 0041TN	ALKEN
Merkeregister	F 0041V	SILEGG
Merkeregister	F 0041VS	MAGNHILD
Merkeregister	F 0042A	TANA

Merkeregister	F 0042B	BERLEVÅGJENTA
Merkeregister	F 0042BD	SOLØY
Merkeregister	F 0042G	HELLØY
Merkeregister	F 0042H	GAMMEL SJARKE
Merkeregister	F 0042HV	VEMA
Merkeregister	F 0042KD	LINDA
Merkeregister	F 0042LB	KLUBBEN
Merkeregister	F 0042M	HJELMSØY
Merkeregister	F 0042N	KÅRE
Merkeregister	F 0042NK	EINAR-S
Merkeregister	F 0042P	RAMGRUNN
Merkeregister	F 0042V	ROBIN
Merkeregister	F 0042VS	BØLGEN
Merkeregister	F 0043B	KVALVIK SENIOR
Merkeregister	F 0043BD	ANDOPSVÆRING
Merkeregister	F 0043G	ELINA
Merkeregister	F 0043HV	PEIK
Merkeregister	F 0043LB	NORDMANNSET
Merkeregister	F 0043M	NINA RITA
Merkeregister	F 0043NK	BRITA
Merkeregister	F 0043P	SAIBMA
Merkeregister	F 0043TN	SAVE K
Merkeregister	F 0043V	LANES
Merkeregister	F 0044A	FIKSEN
Merkeregister	F 0044G	IRENE
Merkeregister	F 0044H	ENDRE JR.
Merkeregister	F 0044HV	ELINA
Merkeregister	F 0044LB	LILLE SJARKE
Merkeregister	F 0044M	ADELAIDE
Merkeregister	F 0044NK	SNØGG
Merkeregister	F 0044P	TRIM
Merkeregister	F 0044TN	SEIDA
Merkeregister	F 0044V	LINDA SOFIE
Merkeregister	F 0044VS	HANS ROBERT
Merkeregister	F 0045A	VIGRUNN
Merkeregister	F 0045B	OLE HENDRIK
Merkeregister	F 0045BD	DIXI
Merkeregister	F 0045G	SVERRIR
Merkeregister	F 0045H	BASSE
Merkeregister	F 0045HV	MANTAS

Merkeregister	F 0045LB	STOKKVIK
Merkeregister	F 0045M	SIRENA
Merkeregister	F 0045N	GRETA
Merkeregister	F 0045NK	KARL VILMAR
Merkeregister	F 0045P	YVONN
Merkeregister	F 0045V	IDA SYNNØVE
Merkeregister	F 0045VS	BALDER
Merkeregister	F 0046BD	HAVSULA
Merkeregister	F 0046G	SPURVEN
Merkeregister	F 0046HV	SJØSTJERNA
Merkeregister	F 0046KD	SANDERGUTT
Merkeregister	F 0046M	EVA
Merkeregister	F 0046NK	NOR
Merkeregister	F 0046SV	LUSKIN
Merkeregister	F 0046TN	TERNA
Merkeregister	F 0046VS	JOFFRE
Merkeregister	F 0047A	CHRISTINA
Merkeregister	F 0047BD	ORIGO
Merkeregister	F 0047G	ANNA KARINE
Merkeregister	F 0047H	IDA SUSANNE
Merkeregister	F 0047HV	SIRIUS
Merkeregister	F 0047LB	SILJAN
Merkeregister	F 0047N	GUNNAR
Merkeregister	F 0047NK	VÅRBUEN
Merkeregister	F 0047P	VITO
Merkeregister	F 0047TN	ØSTBANKEN
Merkeregister	F 0047V	GLUECIFER
Merkeregister	F 0047VS	FLORIDA
Merkeregister	F 0048A	VIRGO
Merkeregister	F 0048G	HANNE MARTINE
Merkeregister	F 0048H	KARL-EVEN
Merkeregister	F 0048HV	IQ
Merkeregister	F 0048LB	SJARKE
Merkeregister	F 0048M	JENNI SOFIE
Merkeregister	F 0048N	SÆTERBØEN
Merkeregister	F 0048NK	TONJE-KRISTIN
Merkeregister	F 0048P	FORTUNA
Merkeregister	F 0048TN	SOLBERG
Merkeregister	F 0048VS	ODIN
Merkeregister	F 0049A	EIRIN CECILIE

Merkeregister	F 0049G	EVITA
Merkeregister	F 0049HV	ANN-FRIDA
Merkeregister	F 0049M	GERD
Merkeregister	F 0049NK	KJ NORDKAPP
Merkeregister	F 0049P	FRAMMEN
Merkeregister	F 0049SV	SUNNIVA
Merkeregister	F 0049VS	HOLMEN
Merkeregister	F 0050BD	M-SOLHAUG
Merkeregister	F 0050G	ADRIAN-SENIOR
Merkeregister	F 0050HV	TENNESSEE
Merkeregister	F 0050L	KNERTEN
Merkeregister	F 0050LB	SVAVIK
Merkeregister	F 0050M	ØYABAS
Merkeregister	F 0050N	MEA
Merkeregister	F 0050NK	STIG ARILD
Merkeregister	F 0050TN	ASTRID
Merkeregister	F 0050V	LEAH MARIE
Merkeregister	F 0050VS	SOLEY
Merkeregister	F 0051BD	FORSØLVÆRING
Merkeregister	F 0051G	FJORDFANGST
Merkeregister	F 0051HV	LAGUN
Merkeregister	F 0051LB	SAMANTA
Merkeregister	F 0051M	ODERLAND
Merkeregister	F 0051NK	GEIRMINATOR
Merkeregister	F 0051P	ATLE SR.
Merkeregister	F 0051TN	STIANA
Merkeregister	F 0051VS	LENA-ELIAS
Merkeregister	F 0052BD	AH SENIOR
Merkeregister	F 0052G	TERNA
Merkeregister	F 0052HV	AURORA J
Merkeregister	F 0052LB	TØMMERVIK
Merkeregister	F 0052M	VÅRLINER
Merkeregister	F 0052NK	STORTIND
Merkeregister	F 0052TN	TORHOPJENTA
Merkeregister	F 0053A	EA
Merkeregister	F 0053G	OLE ANDRE
Merkeregister	F 0053H	FANGST
Merkeregister	F 0053LB	RISVIK
Merkeregister	F 0053M	ILLTHURILLTH
Merkeregister	F 0053N	VASKJÆR

Merkeregister	F 0053NK	MATHILDE
Merkeregister	F 0053TN	RULLE JR
Merkeregister	F 0053VS	LAGERTHA
Merkeregister	F 0054G	KEILA
Merkeregister	F 0054HV	HOLMEN
Merkeregister	F 0054LB	MÅRØYFISK
Merkeregister	F 0054NK	ROTO
Merkeregister	F 0055A	KEESIE
Merkeregister	F 0055BD	GADUS NEPTUN
Merkeregister	F 0055G	KAMPEGGA
Merkeregister	F 0055H	MARTE
Merkeregister	F 0055HV	GUNN-RANDI
Merkeregister	F 0055LB	LUNA
Merkeregister	F 0055M	BIRTU-LIAS
Merkeregister	F 0055NK	SAGA-JR
Merkeregister	F 0055P	RANA
Merkeregister	F 0055TN	BREI
Merkeregister	F 0055VS	VARANGERBUEN
Merkeregister	F 0056A	HAVSKÅREN
Merkeregister	F 0056G	STRØMMEN
Merkeregister	F 0056LB	SKAGANES
Merkeregister	F 0056M	COLONA
Merkeregister	F 0056NK	ANNE-K
Merkeregister	F 0056TN	TONY
Merkeregister	F 0057A	OLINE
Merkeregister	F 0057G	FJORDBUEN
Merkeregister	F 0057H	JUNI
Merkeregister	F 0057LB	DÆNG
Merkeregister	F 0057M	LEANDER
Merkeregister	F 0057NK	ROY MAGNE
Merkeregister	F 0057TN	VILDE
Merkeregister	F 0057V	LINDFISK
Merkeregister	F 0058A	FRAM
Merkeregister	F 0058G	STRØMMEN
Merkeregister	F 0058HV	ANN-FRIDA
Merkeregister	F 0058LB	REYNIR
Merkeregister	F 0058M	FALKEN
Merkeregister	F 0058N	BELLA MARI
Merkeregister	F 0058NK	ERIK ANDRÉ
Merkeregister	F 0058P	JOIKEBÆR

Merkeregister	F 0058TN	ANN-FRIDA
Merkeregister	F 0059BD	KEILA
Merkeregister	F 0059G	VESTFJORD
Merkeregister	F 0059LB	MÅRØYSUND
Merkeregister	F 0059NK	KJETIL
Merkeregister	F 0060A	MAJ KRISTIN
Merkeregister	F 0060BD	ESTRELLA
Merkeregister	F 0060G	WENCHE
Merkeregister	F 0060H	SJØGUTTEN
Merkeregister	F 0060HV	SALLAN
Merkeregister	F 0060LB	PARTNER
Merkeregister	F 0060NK	KJELL ARNE
Merkeregister	F 0061A	ANNIE
Merkeregister	F 0061G	AUSTHAVET
Merkeregister	F 0061LB	LINNEA
Merkeregister	F 0061M	BAMSE
Merkeregister	F 0061NK	JR SENIOR
Merkeregister	F 0061P	HÅTIND
Merkeregister	F 0061SV	NORDSTRAND
Merkeregister	F 0061TN	KVITNES
Merkeregister	F 0061V	ALBATROSS
Merkeregister	F 0062BD	ANDUNGEN
Merkeregister	F 0062G	REIPNAKKEN
Merkeregister	F 0062HV	GULLONGEN
Merkeregister	F 0062LB	KIM-ABEL
Merkeregister	F 0062NK	KLAUDIA
Merkeregister	F 0062TN	SWONA
Merkeregister	F 0062V	ZETA
Merkeregister	F 0063G	DØNNING
Merkeregister	F 0063HV	BAILOTT
Merkeregister	F 0063LB	TEMA
Merkeregister	F 0063M	DYPVIK
Merkeregister	F 0063NK	STIG-RUNE
Merkeregister	F 0063TN	SONJA KARINE
Merkeregister	F 0063V	MARIE BANG
Merkeregister	F 0064G	RYSTADBUEN
Merkeregister	F 0064LB	GUNNAR
Merkeregister	F 0064M	ODD-EGIL
Merkeregister	F 0064NK	KRISTINE
Merkeregister	F 0064TN	MALENE

Merkeregister	F 0065G	SLETTNES
Merkeregister	F 0065H	JO-ADRIAN
Merkeregister	F 0065LB	GEIR ARNE
Merkeregister	F 0065M	BASNES
Merkeregister	F 0065NK	FISKESKJÆR
Merkeregister	F 0065TN	DIXI
Merkeregister	F 0066BD	KILDIN
Merkeregister	F 0066G	MATHIAS
Merkeregister	F 0066LB	SAGA-FJ
Merkeregister	F 0066M	VESTRI
Merkeregister	F 0066NK	MEA
Merkeregister	F 0066TN	VAGGE
Merkeregister	F 0066V	KRISTJAN
Merkeregister	F 0067A	ANNIE
Merkeregister	F 0067B	ROSA JADE
Merkeregister	F 0067G	ANNIE
Merkeregister	F 0067LB	OKSEFJORD
Merkeregister	F 0067M	BØFJORD
Merkeregister	F 0067NK	STÅL TROND
Merkeregister	F 0067SV	FLIPPER
Merkeregister	F 0067TN	STANGNES
Merkeregister	F 0067V	ELIN MARIA
Merkeregister	F 0068G	MULAN
Merkeregister	F 0068H	RINGEN
Merkeregister	F 0068LB	LINSKJÆR
Merkeregister	F 0068M	KARL CHRISTIAN
Merkeregister	F 0068N	SOLGLØTT
Merkeregister	F 0068NK	ANDANTE
Merkeregister	F 0068SV	HAVBRIS
Merkeregister	F 0069B	GLENN
Merkeregister	F 0069BD	TARVIKBØEN
Merkeregister	F 0069G	ELLINORA
Merkeregister	F 0069L	HANS GUSTAV
Merkeregister	F 0069LB	MYHRA
Merkeregister	F 0069NK	FRK. BÆR
Merkeregister	F 0069TN	GEIR
Merkeregister	F 0070A	FISKETIND
Merkeregister	F 0070BD	HAVØY
Merkeregister	F 0070G	SANDØRA
Merkeregister	F 0070H	T.A. SENIOR

Merkeregister	F 0070HV	ROBIN
Merkeregister	F 0070LB	EINAR
Merkeregister	F 0070M	KJØLVA
Merkeregister	F 0070N	BUNES
Merkeregister	F 0070NK	DONNA
Merkeregister	F 0070SV	CELINE
Merkeregister	F 0071G	CESAR
Merkeregister	F 0071LB	HAMNØY
Merkeregister	F 0071N	KLØVNESJENTA
Merkeregister	F 0071NK	SNUSKEN
Merkeregister	F 0071VS	LEODEGAR
Merkeregister	F 0072BD	ØYTIND
Merkeregister	F 0072G	TANA
Merkeregister	F 0072H	JOAKIM
Merkeregister	F 0072HV	ØYFJORD
Merkeregister	F 0072LB	ØYFJELL
Merkeregister	F 0072N	MISS CROSBY
Merkeregister	F 0072NK	BENONI
Merkeregister	F 0072VS	BIFROST
Merkeregister	F 0073A	LINN-JOHANNE
Merkeregister	F 0073G	TRYGGEN
Merkeregister	F 0073H	FRIDA K
Merkeregister	F 0073HV	KNUT M
Merkeregister	F 0073LB	KASPARA
Merkeregister	F 0073NK	ANJE
Merkeregister	F 0073V	OLUF
Merkeregister	F 0073VS	HAVBRIS
Merkeregister	F 0074A	VIRA
Merkeregister	F 0074BD	DUKAT
Merkeregister	F 0074G	FOMA
Merkeregister	F 0074LB	FAGERHEIM
Merkeregister	F 0074V	KRISTIAN
Merkeregister	F 0075BD	WILFREDSON
Merkeregister	F 0075G	KROSSANES
Merkeregister	F 0075HV	RUBICON
Merkeregister	F 0075LB	BLÅTIND
Merkeregister	F 0075M	HAVØY
Merkeregister	F 0075NK	TRUDA
Merkeregister	F 0075P	BÅRDFJORD
Merkeregister	F 0075TN	VÅRGLIMT

Merkeregister	F 0075V	FLIPPER
Merkeregister	F 0076BD	HAVNEFJELL
Merkeregister	F 0076G	OLAV DALEN
Merkeregister	F 0076LB	OKSEVÅG II
Merkeregister	F 0076NK	BORGAFELLI
Merkeregister	F 0076V	HAVELLA
Merkeregister	F 0077A	RAGNHILD
Merkeregister	F 0077BD	MEGGI
Merkeregister	F 0077G	MEGGI
Merkeregister	F 0077LB	SIMON
Merkeregister	F 0077M	KEILA
Merkeregister	F 0077N	HAVBRIS
Merkeregister	F 0077NK	KAROLINE
Merkeregister	F 0077SV	CELINE
Merkeregister	F 0077V	ANITA HELEN
Merkeregister	F 0077VS	HELLEGUTT
Merkeregister	F 0078A	RAMSKJÆR
Merkeregister	F 0078BD	INGER VICTORIA
Merkeregister	F 0078G	BISMARCK
Merkeregister	F 0078LB	KVITBJØRN
Merkeregister	F 0078M	STAUREN
Merkeregister	F 0078NK	FLIPPER
Merkeregister	F 0078SV	BUGØYVÆRING
Merkeregister	F 0078V	VESTERBØEN
Merkeregister	F 0079G	SUNNA
Merkeregister	F 0079HV	SANO
Merkeregister	F 0079LB	FJODORN
Merkeregister	F 0079NK	ZUZA
Merkeregister	F 0079V	SOLVÆRGUTT
Merkeregister	F 0079VS	NONSTIND
Merkeregister	F 0080A	BRATTHOLMEN
Merkeregister	F 0080BD	JILL HEGE
Merkeregister	F 0080G	VERONICA
Merkeregister	F 0080LB	STORMSKJÆR
Merkeregister	F 0080M	VOLDNES
Merkeregister	F 0080NK	NYTIND
Merkeregister	F 0081A	HELLVÆRING
Merkeregister	F 0081BD	BOYSEN
Merkeregister	F 0081G	JAKI
Merkeregister	F 0081KD	VÅRSOL

Merkeregister	F 0081LB	JUVEL
Merkeregister	F 0081NK	SKIPPY
Merkeregister	F 0081TN	SVANANES
Merkeregister	F 0082A	BOYSEN
Merkeregister	F 0082B	NY-VIKING
Merkeregister	F 0082BD	HAVBRUS
Merkeregister	F 0082G	TONE JOACIME
Merkeregister	F 0082LB	SLETTVOLL SENIOR
Merkeregister	F 0082NK	GEIR
Merkeregister	F 0082V	SEIKO
Merkeregister	F 0083A	NELSON II
Merkeregister	F 0083B	JIM LENNART
Merkeregister	F 0083G	ÅDNE
Merkeregister	F 0083LB	ROLFSØY
Merkeregister	F 0083M	DYPVIK
Merkeregister	F 0083NK	SHARA
Merkeregister	F 0084G	TORSTIND
Merkeregister	F 0084H	SANDNESBUEN
Merkeregister	F 0084LB	TENNHOLMEN
Merkeregister	F 0084N	GLENN
Merkeregister	F 0084NK	TORO
Merkeregister	F 0084TN	VIKA
Merkeregister	F 0085G	ÅDNE
Merkeregister	F 0085LB	STØBUEN
Merkeregister	F 0085M	ZENTA
Merkeregister	F 0085N	DRAVN
Merkeregister	F 0085NK	ANNE-METTE
Merkeregister	F 0086BD	SENJAFANGST
Merkeregister	F 0086G	ELLI KETILS
Merkeregister	F 0086L	EIRIN
Merkeregister	F 0086LB	HAVLINER
Merkeregister	F 0086N	RINGNES
Merkeregister	F 0086NK	DORADO
Merkeregister	F 0087G	LILLEBROR
Merkeregister	F 0087LB	BÅLLE MUSA
Merkeregister	F 0087NK	ODD INGE
Merkeregister	F 0087SV	DRUEN II
Merkeregister	F 0088G	NOREGGA
Merkeregister	F 0088LB	TROTTVIK
Merkeregister	F 0088M	LILLEBÅEN

Merkeregister	F 0088NK	JANE
Merkeregister	F 0088V	ORION
Merkeregister	F 0089G	TORSTIND
Merkeregister	F 0089H	VIGGO
Merkeregister	F 0089LB	BRANDØYBUEN
Merkeregister	F 0089NK	MATHILDE
Merkeregister	F 0090A	YLVA MARIE
Merkeregister	F 0090BD	HAVDUR
Merkeregister	F 0090G	STARCRAFT
Merkeregister	F 0090H	DANIEL
Merkeregister	F 0090L	NORONA
Merkeregister	F 0090LB	VALBORG
Merkeregister	F 0090M	FJORDSNURP
Merkeregister	F 0090NK	VÅRØY
Merkeregister	F 0090SV	ALBEN
Merkeregister	F 0090VS	MEBAS
Merkeregister	F 0091BD	HELLEGUTT
Merkeregister	F 0091G	STEINFJORD
Merkeregister	F 0091L	JOKKE
Merkeregister	F 0091LB	BJØRNNES
Merkeregister	F 0091N	ØRJAN
Merkeregister	F 0091NK	AILI
Merkeregister	F 0091V	KAVRINGEN
Merkeregister	F 0092A	RANDI
Merkeregister	F 0092BD	REX LOBO
Merkeregister	F 0092G	KEILA
Merkeregister	F 0092LB	MARTINA
Merkeregister	F 0092M	POLAR
Merkeregister	F 0092NK	ANETTA
Merkeregister	F 0092V	SOLENG
Merkeregister	F 0093G	GLIMT
Merkeregister	F 0093LB	VESTERNES
Merkeregister	F 0093NK	HAVDUR
Merkeregister	F 0093V	MILDA
Merkeregister	F 0093VS	LILJEN
Merkeregister	F 0094A	KOS I
Merkeregister	F 0094BD	HELLA
Merkeregister	F 0094G	NYTIND
Merkeregister	F 0094N	VIGGO II
Merkeregister	F 0094NK	PLUTOS

Merkeregister	F 0095G	SATU
Merkeregister	F 0095H	INGVARDSON
Merkeregister	F 0095HV	SILBØEN
Merkeregister	F 0095LB	PONDUS
Merkeregister	F 0095M	ASLAUG KARINE
Merkeregister	F 0095NK	MAGNUS
Merkeregister	F 0095V	ANDRE
Merkeregister	F 0096A	VARHOLM
Merkeregister	F 0096B	HEIDI
Merkeregister	F 0096BD	REX LOBO
Merkeregister	F 0096LB	MIRRE
Merkeregister	F 0096M	LEISUND
Merkeregister	F 0096NK	SPISSTIND
Merkeregister	F 0097LB	LILLE TRÅLE
Merkeregister	F 0097NK	VITO
Merkeregister	F 0097TN	FANAS
Merkeregister	F 0098BD	SABRINA
Merkeregister	F 0098LB	STRØMMEN
Merkeregister	F 0098M	ØYBUEN
Merkeregister	F 0098NK	WALSØENES
Merkeregister	F 0098TN	ØRNVIK
Merkeregister	F 0099BD	JENS EILERT
Merkeregister	F 0099H	VARULV
Merkeregister	F 0099LB	POLARJO
Merkeregister	F 0099NK	STIAN
Merkeregister	F 0100A	FRØYA MARIE
Merkeregister	F 0100B	SOYA
Merkeregister	F 0100BD	ELIAS
Merkeregister	F 0100G	THANI
Merkeregister	F 0100LB	MAYA
Merkeregister	F 0100M	KAMILLA KATRINE
Merkeregister	F 0100NK	RAMBO I
Merkeregister	F 0100P	KAMILLA KATRINE
Merkeregister	F 0100TN	AKOM
Merkeregister	F 0100V	HEIDI ANITA
Merkeregister	F 0101BD	SYLVIA
Merkeregister	F 0101G	JUNO
Merkeregister	F 0101HV	STELLA POLARIS
Merkeregister	F 0101L	MARIUS
Merkeregister	F 0101LB	FLATVÆR

Merkeregister	F 0101NK	RICHARD J
Merkeregister	F 0101TN	ISBJØRN
Merkeregister	F 0101VS	EDEL M.
Merkeregister	F 0102A	SJØGUTT
Merkeregister	F 0102BD	LENE CHRISTIN
Merkeregister	F 0102LB	K-ULRIKSEN
Merkeregister	F 0102NK	PONTOS
Merkeregister	F 0103BD	BROSMEFANGST
Merkeregister	F 0103LB	ØRA
Merkeregister	F 0103NK	THOMAS
Merkeregister	F 0104G	KUNTZEGUTT
Merkeregister	F 0104LB	ÅSVIC
Merkeregister	F 0104NK	VERA MARIE
Merkeregister	F 0105LB	GROGIS
Merkeregister	F 0105NK	KRISTINA
Merkeregister	F 0105P	KOMET
Merkeregister	F 0106H	VASSVIK
Merkeregister	F 0106LB	SJØMANN
Merkeregister	F 0106NK	ULF-DANIEL
Merkeregister	F 0106TN	ÅSTA
Merkeregister	F 0107BD	KONGSFJORD
Merkeregister	F 0107H	ØYVÆRING
Merkeregister	F 0107LB	SJARK OLGA
Merkeregister	F 0107NK	STENSØY
Merkeregister	F 0108LB	GAMMEL TRÅLE
Merkeregister	F 0108NK	VIKEN II
Merkeregister	F 0108TN	ELIAS
Merkeregister	F 0109LB	GAMMEL SJARKE
Merkeregister	F 0109NK	BEKKVIK JUNIOR
Merkeregister	F 0109V	MARIANN
Merkeregister	F 0110BD	BÅTSFJORD
Merkeregister	F 0110G	POLARJO
Merkeregister	F 0110LB	SATURN
Merkeregister	F 0110M	NIPEN
Merkeregister	F 0110NK	TORSTEINSON
Merkeregister	F 0110TN	VASSANA
Merkeregister	F 0111L	AQVARIUS
Merkeregister	F 0111LB	BLÅFJELL
Merkeregister	F 0111NK	LENITA II
Merkeregister	F 0111TN	VASSANA

Merkeregister	F 0112H	HAVGUTT
Merkeregister	F 0112LB	MIA CELINE
Merkeregister	F 0112NK	SOFIE
Merkeregister	F 0113NK	STINA
Merkeregister	F 0114BD	NESBUEN
Merkeregister	F 0114LB	STIG ROAR
Merkeregister	F 0114NK	HOLBAKK
Merkeregister	F 0115G	HARINGBUEN
Merkeregister	F 0115HV	SALTVÆRING
Merkeregister	F 0115LB	SOBIA
Merkeregister	F 0115M	ØRAGUTT
Merkeregister	F 0115NK	SMILER
Merkeregister	F 0116NK	GABRIELLE
Merkeregister	F 0116SV	LILLI
Merkeregister	F 0117BD	ATLANTIC STAR
Merkeregister	F 0117H	CARIANE
Merkeregister	F 0117LB	KF JR
Merkeregister	F 0117NK	SVENDSEN SENIOR
Merkeregister	F 0117VS	BÅTSFJORD
Merkeregister	F 0118HV	SØYLABUEN
Merkeregister	F 0118NK	TOMINE
Merkeregister	F 0119LB	HØGBAKKEN
Merkeregister	F 0119NK	NEMO
Merkeregister	F 0119TN	SELMA
Merkeregister	F 0120A	FLATVÆR
Merkeregister	F 0120L	MASKOT
Merkeregister	F 0120LB	TRÅLE
Merkeregister	F 0120NK	MÅRTIND
Merkeregister	F 0121A	CAROLEVA
Merkeregister	F 0121L	BJØRNVIKVÆRING
Merkeregister	F 0121NK	EKVATOR
Merkeregister	F 0122LB	GAMMEL JOYKEN
Merkeregister	F 0122NK	EDEL MARIA
Merkeregister	F 0123H	HILDE ANNIE
Merkeregister	F 0123LB	CAROLINE
Merkeregister	F 0123NK	TUNA
Merkeregister	F 0123TN	ALEXANDRA
Merkeregister	F 0123V	ARCTIC WOLF
Merkeregister	F 0124A	JENNY OLINE
Merkeregister	F 0124HV	ØYGUTT

Merkeregister	F 0124NK	LILJEN
Merkeregister	F 0125A	MAGNUSON
Merkeregister	F 0125BD	HAVSTRAND
Merkeregister	F 0125H	HANNA MARIE
Merkeregister	F 0125M	STORGRUNN
Merkeregister	F 0125N	VARANGERJENTA
Merkeregister	F 0126A	KVALØY
Merkeregister	F 0126L	IDA-MOR
Merkeregister	F 0126M	NEPTUN
Merkeregister	F 0126NK	ROSVIK
Merkeregister	F 0127NK	SARA II
Merkeregister	F 0127VS	MÅKEN
Merkeregister	F 0128H	NYFISK
Merkeregister	F 0128NK	KAPAS
Merkeregister	F 0128V	TOR JOHAN
Merkeregister	F 0129LB	PILEN
Merkeregister	F 0129NK	IDA
Merkeregister	F 0130A	NORDTIND
Merkeregister	F 0130KD	REX
Merkeregister	F 0130NK	DØNNING
Merkeregister	F 0131NK	IWONA
Merkeregister	F 0132NK	ARCTIC MOOSE
Merkeregister	F 0133NK	LUSIU
Merkeregister	F 0134H	STÅLTIND
Merkeregister	F 0134NK	FLIPPER
Merkeregister	F 0135NK	VIKAJENTA
Merkeregister	F 0135VS	SJØBLOMST
Merkeregister	F 0136NK	GRUNNBØEN
Merkeregister	F 0136V	SANDFJORD JENTA
Merkeregister	F 0137G	KARL-TORGEIR
Merkeregister	F 0137NK	SIMEN
Merkeregister	F 0138M	NESSODD
Merkeregister	F 0138NK	CASPER
Merkeregister	F 0139NK	LANGNES
Merkeregister	F 0140M	NORFJELL
Merkeregister	F 0140NK	TIKO
Merkeregister	F 0141NK	MARLOV SENIOR
Merkeregister	F 0142G	STREIF
Merkeregister	F 0142NK	HARDY-GUTTEN
Merkeregister	F 0143L	HÅBRAND

Merkeregister	F 0143NK	MATHILDE
Merkeregister	F 0144NK	HAVBØEN
Merkeregister	F 0144V	POLARIS
Merkeregister	F 0145NK	HEIMDAL II
Merkeregister	F 0146M	KINE
Merkeregister	F 0146NK	SARNESJENTA
Merkeregister	F 0146VS	REINESBUEN
Merkeregister	F 0147BD	KONGSFJORD
Merkeregister	F 0147L	JUKSAKONGEN
Merkeregister	F 0147M	LAKSEN
Merkeregister	F 0147NK	VESTBÅEN
Merkeregister	F 0148H	OSVALDSON
Merkeregister	F 0148M	HAVSULA
Merkeregister	F 0148NK	RUDI
Merkeregister	F 0149H	KAJA MARIE
Merkeregister	F 0149NK	THEO MIKAL
Merkeregister	F 0150NK	SAGAFJORD
Merkeregister	F 0150V	LEAH MARIE
Merkeregister	F 0151A	VIKAJENTA
Merkeregister	F 0151H	FORSØLJENTA
Merkeregister	F 0151NK	SOLENG
Merkeregister	F 0152NK	KLARA
Merkeregister	F 0153H	MARA
Merkeregister	F 0153NK	VÅGEN
Merkeregister	F 0154NK	SOLTIND
Merkeregister	F 0154SV	ESKIL
Merkeregister	F 0155BD	INGRID ALEKSANDRA
Merkeregister	F 0155NK	TROND YNGVE
Merkeregister	F 0155VS	ELSE-K
Merkeregister	F 0156NK	KENT ARE
Merkeregister	F 0157H	KIM HARALD
Merkeregister	F 0157LB	SOLØY
Merkeregister	F 0157NK	SØLVFISK II
Merkeregister	F 0158H	ODDGEIR JR
Merkeregister	F 0158NK	KJAPP
Merkeregister	F 0159A	SJØBLINK
Merkeregister	F 0159H	GÅSUNGEN
Merkeregister	F 0159LB	ERSNES
Merkeregister	F 0159NK	SKYTTEN
Merkeregister	F 0160A	HOLMEN

Merkeregister	F 0160H	VIKING
Merkeregister	F 0160LB	VIKING
Merkeregister	F 0160NK	NY HURTIG
Merkeregister	F 0160V	HAVBLIKK
Merkeregister	F 0161A	TRINE
Merkeregister	F 0161NK	NORDTUR
Merkeregister	F 0162A	ARVID
Merkeregister	F 0162NK	LYRA
Merkeregister	F 0163NK	ARSBUEN
Merkeregister	F 0164NK	R. VEGAR
Merkeregister	F 0165H	TERNA
Merkeregister	F 0165NK	SJØBUEN
Merkeregister	F 0165V	VARDØYFISK II
Merkeregister	F 0166BD	ATLANTIC VIKING
Merkeregister	F 0166LB	ELIAS
Merkeregister	F 0166NK	HAVSTRØM
Merkeregister	F 0167A	SJØPIA
Merkeregister	F 0167NK	HAVBLIKK
Merkeregister	F 0168NK	RODIAN
Merkeregister	F 0169A	HAVSEL
Merkeregister	F 0169H	OLE-A
Merkeregister	F 0169NK	REVEN
Merkeregister	F 0170L	KAI ERLEND
Merkeregister	F 0170NK	AMUNDSKJÆR
Merkeregister	F 0171NK	ISBJØRN
Merkeregister	F 0172NK	NYBAKKEN
Merkeregister	F 0174G	HOPSFJORD
Merkeregister	F 0174NK	KNOTTEN
Merkeregister	F 0175A	HØIVIKBAAEN
Merkeregister	F 0175BD	SKARBERG
Merkeregister	F 0175NK	KAMØYFJORD
Merkeregister	F 0176NK	LILJO
Merkeregister	F 0177A	MALMEN
Merkeregister	F 0177M	SOLSKJÆR
Merkeregister	F 0177NK	JAN-TORE
Merkeregister	F 0178A	UNN KRISTIN
Merkeregister	F 0178NK	VESLEMØY
Merkeregister	F 0179NK	KAMERATEN
Merkeregister	F 0179V	HANNA B
Merkeregister	F 0180NK	CAMP

Merkeregister	F 0181HV	GORM III
Merkeregister	F 0181N	AIKO
Merkeregister	F 0181NK	DONN
Merkeregister	F 0182M	SHAKIRA
Merkeregister	F 0182NK	GLETTA
Merkeregister	F 0182P	SHAKIRA
Merkeregister	F 0183NK	KLAKKEN
Merkeregister	F 0184L	MEVÆR
Merkeregister	F 0184M	INGRID MAJALA
Merkeregister	F 0185A	TRUDE-MARI
Merkeregister	F 0185H	EIDVÅGTIND
Merkeregister	F 0186H	EIDVÅGFISK
Merkeregister	F 0186M	TUBØFISK
Merkeregister	F 0186NK	OSTAD SENIOR
Merkeregister	F 0188A	KVALFJORD
Merkeregister	F 0188G	RAYA
Merkeregister	F 0188M	HAVSULA
Merkeregister	F 0189H	STEIN O
Merkeregister	F 0190A	TIGERGUTT
Merkeregister	F 0190L	ARNE
Merkeregister	F 0190LB	LILJEN
Merkeregister	F 0190V	VARDØJENTA
Merkeregister	F 0191H	LOMVI
Merkeregister	F 0192M	DELFIN
Merkeregister	F 0193A	RANDI HELENE
Merkeregister	F 0194M	ØYVÆR
Merkeregister	F 0194P	ØYVÆR
Merkeregister	F 0195V	BAUTA
Merkeregister	F 0196A	SKARVTIND
Merkeregister	F 0197P	LAMØY
Merkeregister	F 0198TN	ØRNVIK
Merkeregister	F 0199L	TINA
Merkeregister	F 0200A	LYKKEN
Merkeregister	F 0200H	EMMA
Merkeregister	F 0200LB	STORMEN SENIOR
Merkeregister	F 0200NK	JAN EGIL
Merkeregister	F 0200VS	VADSØGUTT
Merkeregister	F 0202BD	DELFIN
Merkeregister	F 0202P	KORSNESJENTA
Merkeregister	F 0204NK	THOR ARILD

Merkeregister	F 0205A	MARI-ANN
Merkeregister	F 0205H	TOR E
Merkeregister	F 0205L	SJØSTJERNA
Merkeregister	F 0205LB	NORDLYS
Merkeregister	F 0206M	SÆTERGUTT
Merkeregister	F 0207A	LILLEBUEN
Merkeregister	F 0207H	ODDGEIR JR
Merkeregister	F 0208H	RAGNVALD J
Merkeregister	F 0209KD	JOAKIM
Merkeregister	F 0213NK	LARS EINAR
Merkeregister	F 0218NK	KAPPA
Merkeregister	F 0219NK	STILIAN
Merkeregister	F 0222NK	ARTIC
Merkeregister	F 0240A	LISA
Merkeregister	F 0240M	HAVSTJERNA
Merkeregister	F 0243L	KANES
Merkeregister	F 0246A	FJORDFANGST
Merkeregister	F 0246M	JENNI SOFIE
Merkeregister	F 0248A	MARGRETHE
Merkeregister	F 0249L	JIM
Merkeregister	F 0251A	PETRA
Merkeregister	F 0252A	MEA
Merkeregister	F 0255M	STORHOLM
Merkeregister	F 0257L	KAMILLA
Merkeregister	F 0258NK	SILJE
Merkeregister	F 0260H	STORMFUGLEN
Merkeregister	F 0261H	STORMFUGLEN
Merkeregister	F 0263L	THEA-EMILIE
Merkeregister	F 0266LB	BROSMEFANGST
Merkeregister	F 0273A	STELLA
Merkeregister	F 0276M	PRESTTIND
Merkeregister	F 0281NK	BERNT
Merkeregister	F 0290A	KORSNESFISK (UTGÅTT)
Merkeregister	F 0292L	BOYSEN
Merkeregister	F 0294A	VÅRLEIK
Merkeregister	F 0300M	GULLHOLMEN
Merkeregister	F 0300NK	HAVSKJÆR
Merkeregister	F 0301H	FORSØLVÆRING
Merkeregister	F 0302M	IVANA
Merkeregister	F 0305LB	LAKS

Merkeregister	F 0328L	KURT-VIDAR
Merkeregister	F 0333A	STORM
Merkeregister	F 0333H	SIGVE
Merkeregister	F 0333NK	VIKTORIA H
Merkeregister	F 0334M	SOLRAND
Merkeregister	F 0335LB	FJORDFISK
Merkeregister	F 0348A	KLEPPEN
Merkeregister	F 0348NK	ROY-TONY
Merkeregister	F 0352M	MARIANN
Merkeregister	F 0356M	LINE
Merkeregister	F 0365L	SENIORITA
Merkeregister	F 0380A	SILVER
Merkeregister	F 0400NK	THOR-ARILD
Merkeregister	F 0444L	JOHAN P
Merkeregister	F 0444NK	KING NORDKAPP
Merkeregister	F 0444V	BÅEGGA
Merkeregister	F 0484M	ØRNTIND
Merkeregister	F 0500BD	INGER VICTORIA
Merkeregister	F 0500H	SOMMARØYVÆRING
Merkeregister	F 0500M	GULLHOLMEN
Merkeregister	F 0500NK	HENRIETTE E
Merkeregister	F 0555NK	BORGAFELLI
Merkeregister	F 0600H	HAVGUTT
Merkeregister	F 0666NK	SJØBRIS
Merkeregister	F 0700NK	VÅRBUEN
Merkeregister	F 0777NK	SAGA K
Merkeregister	H 0001A	VIKINGFJORD
Merkeregister	H 0001AV	HARVEST
Merkeregister	H 0001B	VIKØY
Merkeregister	H 0001BN	BRENNHOLM
Merkeregister	H 0001E	TRIXI
Merkeregister	H 0001F	HANNE E
Merkeregister	H 0001FJ	PERLE
Merkeregister	H 0001FS	TULLA
Merkeregister	H 0001KM	FJORDBRIS
Merkeregister	H 0001ML	INGRID
Merkeregister	H 0001O	HARGUN
Merkeregister	H 0001S	RAUNEFJORD
Merkeregister	H 0001SO	VÅGEN
Merkeregister	H 0001SR	CIRKA

Merkeregister	H 0002A	LEA
Merkeregister	H 0002AM	FONNES JR
Merkeregister	H 0002AV	RADEK
Merkeregister	H 0002B	RØKSUND
Merkeregister	H 0002BN	PROWESS
Merkeregister	H 0002E	ODIN
Merkeregister	H 0002F	LIGRUNN
Merkeregister	H 0002FS	LYNGNES
Merkeregister	H 0002K	KVIKK
Merkeregister	H 0002O	ELIAS
Merkeregister	H 0002S	SØRVEST
Merkeregister	H 0002T	AUSTBRIS
Merkeregister	H 0002ØN	OSUND
Merkeregister	H 0003AV	OLIVIA
Merkeregister	H 0003B	MINA ROSE
Merkeregister	H 0003BN	ALFEN
Merkeregister	H 0003E	HARDING MOB
Merkeregister	H 0003F	LIAFJORD
Merkeregister	H 0003FJ	SJØGUTT
Merkeregister	H 0003FS	ÅDLAND JUNIOR
Merkeregister	H 0003K	SJØFISK
Merkeregister	H 0003MF	ALFEN
Merkeregister	H 0003S	MORILD
Merkeregister	H 0003T	AKSEL
Merkeregister	H 0004A	EVJEGRIS
Merkeregister	H 0004AM	RUSKEN
Merkeregister	H 0004AV	VENDLA
Merkeregister	H 0004BN	TRYM
Merkeregister	H 0004E	ALISE
Merkeregister	H 0004F	VICTORIA
Merkeregister	H 0004FS	L.O.B.
Merkeregister	H 0004K	SJOHAV
Merkeregister	H 0004O	RØTTINGØY
Merkeregister	H 0004S	HØYLANDSGUTT
Merkeregister	H 0004SO	HOVDABUEN
Merkeregister	H 0004T	IRENE
Merkeregister	H 0005A	STORMLEIK
Merkeregister	H 0005AV	MORTEN EINAR
Merkeregister	H 0005B	BONUS
Merkeregister	H 0005BN	FORSØRGET

Merkeregister	H 0005F	LIBAS
Merkeregister	H 0005FJ	STORDING
Merkeregister	H 0005FS	OLE BELL
Merkeregister	H 0005L	FLØSSVIK
Merkeregister	H 0005ML	HERØYGUTT
Merkeregister	H 0005O	PERAGUTT
Merkeregister	H 0005R	ROMI
Merkeregister	H 0005S	GULLFISKEN
Merkeregister	H 0005SO	TØFFE
Merkeregister	H 0005T	JADAR
Merkeregister	H 0005ØN	HAVGLANS
Merkeregister	H 0006A	ØYBAS
Merkeregister	H 0006AM	LILL BETH
Merkeregister	H 0006AV	RAID
Merkeregister	H 0006BN	RUTH
Merkeregister	H 0006FJ	HOVDAGUT
Merkeregister	H 0006K	SILVER BOY
Merkeregister	H 0006KM	STELLA II
Merkeregister	H 0006O	ØIEN
Merkeregister	H 0006S	BØRNESJENTO
Merkeregister	H 0006ØN	KOMPIS
Merkeregister	H 0007AM	FONNES JR
Merkeregister	H 0007AV	OMA
Merkeregister	H 0007B	LØNNØY
Merkeregister	H 0007BN	FLYFISK
Merkeregister	H 0007F	TOMINA
Merkeregister	H 0007FJ	STORDING JUNIOR
Merkeregister	H 0007FS	OLE
Merkeregister	H 0007K	VAAGHAV
Merkeregister	H 0007KM	FJORDBRIS
Merkeregister	H 0007L	NESBUEN
Merkeregister	H 0007O	ROTTA JUNIOR
Merkeregister	H 0007R	MORTEN
Merkeregister	H 0007S	RANDI
Merkeregister	H 0007ØN	SOLVEIG
Merkeregister	H 0008A	KARINA
Merkeregister	H 0008AM	VESTBRIS I
Merkeregister	H 0008AV	RADEK
Merkeregister	H 0008B	AGØY
Merkeregister	H 0008BN	RUTH

Merkeregister	H 0008FJ	SOLØY
Merkeregister	H 0008FS	SOLBAKKEN
Merkeregister	H 0008K	LADY MARIA
Merkeregister	H 0008MF	MAY
Merkeregister	H 0008O	SVINTEN
Merkeregister	H 0008S	RAUNEFJORD
Merkeregister	H 0008ØN	ALVØY
Merkeregister	H 0009AM	VESTBRIS
Merkeregister	H 0009AV	KNESTER
Merkeregister	H 0009B	LADY
Merkeregister	H 0009BN	EVY-ANITA
Merkeregister	H 0009F	GEMA
Merkeregister	H 0009FJ	SIGLEVIK
Merkeregister	H 0009FS	BRITT EVELYN
Merkeregister	H 0009K	STINTO
Merkeregister	H 0009MF	ALFEN
Merkeregister	H 0009O	AUMANE
Merkeregister	H 0009S	FRIDA
Merkeregister	H 0009T	PLYTTEN
Merkeregister	H 0009ØN	HENKAS
Merkeregister	H 0010AM	FONNES
Merkeregister	H 0010AV	SLAATTERØY
Merkeregister	H 0010B	FYRHOLM
Merkeregister	H 0010BN	ICE FJORD
Merkeregister	H 0010F	LUNDANES
Merkeregister	H 0010K	FJORDLYS
Merkeregister	H 0010KM	VIKING
Merkeregister	H 0010L	SANDVIK
Merkeregister	H 0010O	BØNES
Merkeregister	H 0010R	SKARV
Merkeregister	H 0010S	BØRNES
Merkeregister	H 0010SO	JOTON
Merkeregister	H 0010T	SPARROW
Merkeregister	H 0011AM	JONAS
Merkeregister	H 0011B	VIKA
Merkeregister	H 0011BN	KINGFISHER
Merkeregister	H 0011F	TRESSNES
Merkeregister	H 0011FE	VIKING 2
Merkeregister	H 0011FJ	SIGLODDEN
Merkeregister	H 0011K	ØYSOL

Merkeregister	H 0011KM	FJORDBAS
Merkeregister	H 0011ML	VICTORIA
Merkeregister	H 0011S	BOGAFISK
Merkeregister	H 0011SO	LIAGUT
Merkeregister	H 0011ØN	INTREPID
Merkeregister	H 0012AM	HEILO
Merkeregister	H 0012AV	VESTVIKING
Merkeregister	H 0012B	TERNA
Merkeregister	H 0012BN	ALEXANDER
Merkeregister	H 0012FJ	SOLMAI
Merkeregister	H 0012K	LOTTE
Merkeregister	H 0012ML	VICTORIA
Merkeregister	H 0012O	STRØNØY
Merkeregister	H 0012S	MINKEN
Merkeregister	H 0012SO	HANNE JORUN
Merkeregister	H 0012T	TOBIASEN
Merkeregister	H 0013AV	HAMMRAJENTO
Merkeregister	H 0013B	BRANDASUND
Merkeregister	H 0013BN	SOLSVIK
Merkeregister	H 0013FJ	SJØGUTT
Merkeregister	H 0013K	STAUPER
Merkeregister	H 0013S	UREDD
Merkeregister	H 0013SO	SVINT
Merkeregister	H 0014A	FANGST
Merkeregister	H 0014AV	GRANIT
Merkeregister	H 0014B	HAVLYS
Merkeregister	H 0014BN	BLÅSTÅL
Merkeregister	H 0014F	JONE
Merkeregister	H 0014FJ	STORDØY
Merkeregister	H 0014K	TOR
Merkeregister	H 0014O	ASKELADDEN
Merkeregister	H 0014S	KROSSFJORDFISK
Merkeregister	H 0015A	SOLFISK
Merkeregister	H 0015AM	FISK
Merkeregister	H 0015AV	KREMMERVIK
Merkeregister	H 0015B	FYRHOLM
Merkeregister	H 0015BN	SØLVBERG
Merkeregister	H 0015F	ENDRE DYRØY
Merkeregister	H 0015FE	VIKING
Merkeregister	H 0015FJ	LOBSTER

Merkeregister	H 0015K	HARTHO
Merkeregister	H 0015MF	BØLGEN
Merkeregister	H 0015O	DYBAI
Merkeregister	H 0015S	MATHILDE
Merkeregister	H 0015SO	GIMO
Merkeregister	H 0016AV	METRO
Merkeregister	H 0016B	KVIKK 2
Merkeregister	H 0016BN	KODIAK
Merkeregister	H 0016FE	VIKING
Merkeregister	H 0016FJ	GOGGEN
Merkeregister	H 0016K	TINUS
Merkeregister	H 0016MF	FRIDA
Merkeregister	H 0016ØN	JENDOR
Merkeregister	H 0017A	PIXI
Merkeregister	H 0017AV	NJÅGUTT
Merkeregister	H 0017B	KLIPTON
Merkeregister	H 0017BN	SKYE
Merkeregister	H 0017FJ	ANNABELL
Merkeregister	H 0017K	REMI JUNIOR
Merkeregister	H 0017L	NESBUEN
Merkeregister	H 0017O	COLUMBUS
Merkeregister	H 0017S	BOGEN
Merkeregister	H 0018AV	OLINE
Merkeregister	H 0018B	SPRATTUS
Merkeregister	H 0018BN	BEATE II
Merkeregister	H 0018F	ADRIAN
Merkeregister	H 0018FJ	NYLEI
Merkeregister	H 0018K	LIEN JUNIOR
Merkeregister	H 0018L	LEIKA
Merkeregister	H 0018MF	THEA
Merkeregister	H 0018S	EIRIK
Merkeregister	H 0018ØN	SKARVØY
Merkeregister	H 0019AV	RUTH
Merkeregister	H 0019B	VIKAFJORD
Merkeregister	H 0019BN	FORTUN
Merkeregister	H 0019E	TEMPO
Merkeregister	H 0019F	TRESSGUTT
Merkeregister	H 0019FJ	SIGLEVÅG
Merkeregister	H 0019K	VALØY
Merkeregister	H 0020AV	GLESEN

Merkeregister	H 0020BN	HERFINDAL
Merkeregister	H 0020F	FALKEN
Merkeregister	H 0020FS	BORGANES
Merkeregister	H 0020K	NORDLYS
Merkeregister	H 0020ML	KÅRBØBAS
Merkeregister	H 0020S	AMALIE
Merkeregister	H 0020ØN	NARØY
Merkeregister	H 0021AV	FURBAS
Merkeregister	H 0021B	MOSTRING
Merkeregister	H 0021K	KOFFEN
Merkeregister	H 0021R	BRAGD
Merkeregister	H 0021S	BOGASUND
Merkeregister	H 0022AM	HEGMAR
Merkeregister	H 0022AV	NORA
Merkeregister	H 0022B	HARENGUS JUNIOR
Merkeregister	H 0022F	SKREKKEN
Merkeregister	H 0022FJ	REMO
Merkeregister	H 0022ML	VICTORIA
Merkeregister	H 0022ØN	ULVOS
Merkeregister	H 0023AV	BECKY
Merkeregister	H 0023B	SØRWAAG
Merkeregister	H 0023K	CECILIE
Merkeregister	H 0023O	KONSTANSE
Merkeregister	H 0024AV	CAPRI
Merkeregister	H 0024B	VIKA
Merkeregister	H 0024BN	RØSTNESVÅG
Merkeregister	H 0024F	MONICA
Merkeregister	H 0024ØN	BARACUDA
Merkeregister	H 0025AV	NJÅFISK
Merkeregister	H 0025B	NORDWAAG
Merkeregister	H 0025BN	HAVMANN
Merkeregister	H 0025FS	TEMPO
Merkeregister	H 0025K	ØYASUND
Merkeregister	H 0025O	TIAN
Merkeregister	H 0025S	GLIMT
Merkeregister	H 0025ØN	VESTSUND
Merkeregister	H 0026AV	MANON
Merkeregister	H 0026B	FJORDBUEN
Merkeregister	H 0026K	VALBORG
Merkeregister	H 0027AV	NORTHEASTERN

Merkeregister	H 0027B	GRY MARITA
Merkeregister	H 0027F	LARSTEIN 2
Merkeregister	H 0027K	SJOEN
Merkeregister	H 0028AV	LEONARD
Merkeregister	H 0028B	ØYSTRAND
Merkeregister	H 0028FJ	SOLØYBAS
Merkeregister	H 0028FS	MAGGI
Merkeregister	H 0028MF	MAYA
Merkeregister	H 0028O	VIKTOR
Merkeregister	H 0028S	TRELLEFISK
Merkeregister	H 0029AV	SKIPPY
Merkeregister	H 0029BN	NORMANN
Merkeregister	H 0029K	ISOBAR
Merkeregister	H 0029S	TRELLEVIK
Merkeregister	H 0030AV	ENDREBOY
Merkeregister	H 0030B	LØNNINGEN
Merkeregister	H 0030KM	KVAMSØY
Merkeregister	H 0030S	SIGRID
Merkeregister	H 0030SO	VÅGEN
Merkeregister	H 0031AV	ZANDER 2
Merkeregister	H 0031B	GULASKJÆR
Merkeregister	H 0031BN	ZANDER 2
Merkeregister	H 0031S	STRILAJENTO II
Merkeregister	H 0032AV	GERDA MARIE
Merkeregister	H 0032B	HUGØYBAS
Merkeregister	H 0032K	HUGØYBAS
Merkeregister	H 0032MF	VÅGEN
Merkeregister	H 0033AV	RAUGHOLMEN
Merkeregister	H 0033B	JOMAR
Merkeregister	H 0033K	RASK
Merkeregister	H 0033R	MÅKEN
Merkeregister	H 0034AV	GARDAR
Merkeregister	H 0034B	FIKSHOLM
Merkeregister	H 0034BN	KROSSØY
Merkeregister	H 0034F	TERNESKJER
Merkeregister	H 0034S	SKÅRUNGEN
Merkeregister	H 0035AV	LABRIDAE
Merkeregister	H 0035B	SØLVFISK
Merkeregister	H 0035F	SIGLAR
Merkeregister	H 0035K	BONITO

Merkeregister	H 0035O	LOTTE
Merkeregister	H 0036AV	LUCKY
Merkeregister	H 0036B	GULLARS
Merkeregister	H 0036ØN	LUNA
Merkeregister	H 0037AV	VIKEN
Merkeregister	H 0037B	SPRING
Merkeregister	H 0037K	ØYFISK
Merkeregister	H 0037S	SUNNIVA
Merkeregister	H 0037SO	TEIST
Merkeregister	H 0038AM	ALMOR
Merkeregister	H 0038AV	JØRNESKJÆR
Merkeregister	H 0038B	FLAXXEN
Merkeregister	H 0038FJ	EGGHOLM
Merkeregister	H 0038K	BUNESEN
Merkeregister	H 0038MF	LASSE
Merkeregister	H 0039AV	APOLLO III
Merkeregister	H 0039B	MINA LEONA
Merkeregister	H 0039K	TORESON
Merkeregister	H 0039O	ISBJØRN
Merkeregister	H 0040AV	FLIPPER
Merkeregister	H 0040B	SØRWAAG
Merkeregister	H 0040K	SVENJA
Merkeregister	H 0041AV	NOTNISSEN
Merkeregister	H 0041B	SNØGG
Merkeregister	H 0041FE	STEINAR
Merkeregister	H 0041K	MARIANNE
Merkeregister	H 0042AV	KNAPPEN
Merkeregister	H 0042B	SILVERBOY
Merkeregister	H 0043AV	ZANDER
Merkeregister	H 0043B	RONDO
Merkeregister	H 0043BN	BUØY
Merkeregister	H 0043KM	RAMONA
Merkeregister	H 0043O	ANFIELD
Merkeregister	H 0043S	ELISABETH
Merkeregister	H 0044AV	ØRNULF
Merkeregister	H 0044B	NYVÅG
Merkeregister	H 0044BN	ØRNULF
Merkeregister	H 0044K	SVENJA
Merkeregister	H 0044KM	VIKØY
Merkeregister	H 0044O	GEIR-ERIK

Merkeregister	H 0044S	BENTE
Merkeregister	H 0045AV	ZANDER BOY
Merkeregister	H 0045B	ANDRINE
Merkeregister	H 0045FS	AKTIV II
Merkeregister	H 0045K	BIRGER JR.
Merkeregister	H 0046AV	FLIPPER
Merkeregister	H 0046B	TOVA
Merkeregister	H 0046F	GAMBLER
Merkeregister	H 0046FE	OLAVSON
Merkeregister	H 0047AV	RABBAGAST
Merkeregister	H 0047B	TEINEBAS
Merkeregister	H 0047BN	SKYE
Merkeregister	H 0047SO	JOTON
Merkeregister	H 0048AV	TEINO
Merkeregister	H 0048B	FAXEN
Merkeregister	H 0048FS	ØYAVÅG
Merkeregister	H 0048S	ELISABETH
Merkeregister	H 0049AV	AKTIV 2
Merkeregister	H 0049B	ARES
Merkeregister	H 0049ØN	AUSTVÅG
Merkeregister	H 0050AV	HAUGAGUT
Merkeregister	H 0050B	EVITOR
Merkeregister	H 0051AV	JOHANNES
Merkeregister	H 0051B	VIKA R
Merkeregister	H 0051K	BENJACO
Merkeregister	H 0052AV	EMIL
Merkeregister	H 0052B	LUNA
Merkeregister	H 0052FJ	VESLEGUTT
Merkeregister	H 0053AV	SKARTEN
Merkeregister	H 0053B	GRIMSØY
Merkeregister	H 0054AV	LUKKO
Merkeregister	H 0054B	VIKØYBUEN
Merkeregister	H 0054F	SJØGUTT
Merkeregister	H 0054FJ	MONA
Merkeregister	H 0055AV	HANNE
Merkeregister	H 0055B	SKAGER KING
Merkeregister	H 0055FE	SØRØY
Merkeregister	H 0055K	KARSTEN
Merkeregister	H 0055L	HOSØYBUEN
Merkeregister	H 0056AV	NIKO

Merkeregister	H 0056B	VÅRLYS
Merkeregister	H 0056SO	GRUNNBØEN
Merkeregister	H 0057AV	SARAH
Merkeregister	H 0057B	SVEINAR
Merkeregister	H 0058AV	AKTIV
Merkeregister	H 0058B	SAFIR
Merkeregister	H 0058MF	SOLVIK
Merkeregister	H 0058S	SANGOLT
Merkeregister	H 0059AV	SKÅR JR
Merkeregister	H 0059K	LOTTE
Merkeregister	H 0060AV	MONSEGUTT
Merkeregister	H 0060B	SANTOS
Merkeregister	H 0060KM	BØLGEN
Merkeregister	H 0061AV	OMA
Merkeregister	H 0061B	BØLGEN
Merkeregister	H 0061O	HUSKY
Merkeregister	H 0062AV	SKANSEN
Merkeregister	H 0062B	MELINGSNESEN
Merkeregister	H 0062BN	PIRHOLM
Merkeregister	H 0062S	BOGASKJÆR
Merkeregister	H 0063AV	BJÅGUTT
Merkeregister	H 0063B	NORTHERN-STAR
Merkeregister	H 0064B	HAVØY
Merkeregister	H 0065A	BASNES
Merkeregister	H 0065AV	RABBAGUTT
Merkeregister	H 0065B	STARIS
Merkeregister	H 0066AV	FLIPPER
Merkeregister	H 0066B	TEINEBAS
Merkeregister	H 0066BN	SISSEL ALISE
Merkeregister	H 0066S	STRILAGUTT
Merkeregister	H 0067AV	RAID
Merkeregister	H 0067B	SJØFALK
Merkeregister	H 0067BN	TINUS
Merkeregister	H 0068AV	TRIO
Merkeregister	H 0068B	AGAGUTT
Merkeregister	H 0069AV	VESLE LANGØY
Merkeregister	H 0069B	BÆRØYBUEN
Merkeregister	H 0069KM	BÆRØYBUEN
Merkeregister	H 0069S	KROSSFJORD
Merkeregister	H 0070AV	AARFISK

Merkeregister	H 0070B	FLORA
Merkeregister	H 0071B	RASK
Merkeregister	H 0071S	BOGAGUTT
Merkeregister	H 0072AV	BEATE
Merkeregister	H 0072B	LASSI
Merkeregister	H 0072O	MARITA
Merkeregister	H 0072SR	SKJÆRVIK
Merkeregister	H 0073AV	DOUGLAS
Merkeregister	H 0073B	MAREN ROSE
Merkeregister	H 0074AV	TALBOR
Merkeregister	H 0074B	NORMANN
Merkeregister	H 0074K	REMI JUNIOR
Merkeregister	H 0075AV	VESTGLANS
Merkeregister	H 0076AV	NJÅGUTT
Merkeregister	H 0076B	SYLVESTER
Merkeregister	H 0077AV	MALENE S
Merkeregister	H 0077B	NYVÅG
Merkeregister	H 0077S	BOGEN
Merkeregister	H 0077T	TIM
Merkeregister	H 0078AV	ANDERS MAGNE
Merkeregister	H 0079AV	TEXAS
Merkeregister	H 0079B	ASTERIX
Merkeregister	H 0080AV	SELBJØRNSFJORD
Merkeregister	H 0080B	FLONI
Merkeregister	H 0080F	LOKE
Merkeregister	H 0080FJ	ODDMAR
Merkeregister	H 0081AV	MYLING
Merkeregister	H 0081B	KYRHOLM
Merkeregister	H 0081BN	HAVDRØN
Merkeregister	H 0081K	BRIS
Merkeregister	H 0082AV	JANE
Merkeregister	H 0082B	HARENGUS
Merkeregister	H 0082K	KARIN
Merkeregister	H 0082S	TEINESKJÆR
Merkeregister	H 0083AV	INGRID
Merkeregister	H 0083B	BØMMELFJORD
Merkeregister	H 0083F	LARSTEIN
Merkeregister	H 0083O	VESTREVÅG
Merkeregister	H 0084AV	SLORKJEN
Merkeregister	H 0084B	KASTEVIK

Merkeregister	H 0085AV	KALSØYGUTT
Merkeregister	H 0085B	BERGBLOM
Merkeregister	H 0085S	TEINEFISK
Merkeregister	H 0086AV	KALSØYJENTO
Merkeregister	H 0086B	KNUT OLAV
Merkeregister	H 0086S	TEINEBUEN
Merkeregister	H 0087AV	BIRKELAND
Merkeregister	H 0087B	ELIANNE
Merkeregister	H 0087BN	TIME BANDIT
Merkeregister	H 0087S	TEINEGUTT
Merkeregister	H 0088AV	H. ØSTERVOLD
Merkeregister	H 0088B	HAVLEIK
Merkeregister	H 0088O	SKVETTA
Merkeregister	H 0089AV	SJØGUTT
Merkeregister	H 0089B	KLONES
Merkeregister	H 0089O	ISBJØRN
Merkeregister	H 0090AV	STRØMVIK
Merkeregister	H 0090B	KORLO
Merkeregister	H 0090S	JONAR
Merkeregister	H 0091AV	JORUNN
Merkeregister	H 0091K	SJOFJORD
Merkeregister	H 0092AM	BLÅMANN
Merkeregister	H 0092AV	SLUING
Merkeregister	H 0092B	BJØRNEVIK
Merkeregister	H 0093AV	SKÅRØY
Merkeregister	H 0093B	VIKØYSUND
Merkeregister	H 0094AV	REGINA
Merkeregister	H 0094B	URDA
Merkeregister	H 0095AM	HAVLEIK
Merkeregister	H 0095AV	STAALØY
Merkeregister	H 0095B	SILVER BAY
Merkeregister	H 0095K	INGVARDSON
Merkeregister	H 0096AV	SJARKE
Merkeregister	H 0096B	VESTSKJER
Merkeregister	H 0096F	TUTTE
Merkeregister	H 0096FE	SPURVEN
Merkeregister	H 0096K	FRITID
Merkeregister	H 0096S	TURID
Merkeregister	H 0097AV	VESLE LANGØY II
Merkeregister	H 0097B	KRISTINE

Merkeregister	H 0098AV	KALSØY
Merkeregister	H 0098B	STOKKØY
Merkeregister	H 0098O	FJORDGLANS
Merkeregister	H 0098S	THERESE
Merkeregister	H 0099AV	ØSTERBRIS
Merkeregister	H 0099B	BRENNING
Merkeregister	H 0100AV	HAVGLANS II
Merkeregister	H 0100B	HAVSULA JUNIOR
Merkeregister	H 0100F	HANNAH V
Merkeregister	H 0101AV	ISFJORD
Merkeregister	H 0101B	NAPPEN
Merkeregister	H 0102B	GULLBAS
Merkeregister	H 0103AV	ENIG
Merkeregister	H 0104A	GULLSKJÆR JR.
Merkeregister	H 0104AV	TOBBEN
Merkeregister	H 0104B	LIV
Merkeregister	H 0105AV	HAMMRABAS
Merkeregister	H 0106AV	FRANK JR.
Merkeregister	H 0106B	OTAR
Merkeregister	H 0108A	GULLSKJÆR JR.
Merkeregister	H 0108AV	OLINE 2
Merkeregister	H 0108B	VESTFISK
Merkeregister	H 0110AV	HALLVARD
Merkeregister	H 0111AV	VARDE
Merkeregister	H 0112AV	HARGO
Merkeregister	H 0112B	TERNA
Merkeregister	H 0113B	HARDHAUS
Merkeregister	H 0114A	HJØNNØY
Merkeregister	H 0114AV	MOKSTEIN
Merkeregister	H 0114B	FJORDBRIS
Merkeregister	H 0114S	HAVSUL
Merkeregister	H 0116AV	HEVRØY
Merkeregister	H 0116B	EVENGUTT
Merkeregister	H 0116FJ	SIGLEGUTT
Merkeregister	H 0116K	TINUS
Merkeregister	H 0116S	TINUS
Merkeregister	H 0117B	NAPPHOLM
Merkeregister	H 0117S	BERGGYLT
Merkeregister	H 0118AV	RINGHOLM
Merkeregister	H 0118B	BLÅMANN

Merkeregister	H 0119B	RASKEN
Merkeregister	H 0120AV	HARDHAUS
Merkeregister	H 0120B	TOR
Merkeregister	H 0121B	HAVØRN I
Merkeregister	H 0122B	BUKKØY
Merkeregister	H 0123AV	ØSTERFJORD
Merkeregister	H 0123K	LILLEGUTT
Merkeregister	H 0124AV	IDA
Merkeregister	H 0124B	KVOTEN
Merkeregister	H 0125B	NORDBORG
Merkeregister	H 0126AV	SEIGUTT
Merkeregister	H 0126BN	TARA
Merkeregister	H 0127AV	HAVMANN
Merkeregister	H 0127K	ADRIAN
Merkeregister	H 0128B	PLUTO
Merkeregister	H 0129AV	MIKI
Merkeregister	H 0129S	TORØY
Merkeregister	H 0130AV	OMA
Merkeregister	H 0130B	HARENGUS
Merkeregister	H 0131AV	TOR MAGNUS
Merkeregister	H 0131B	STOPPEN
Merkeregister	H 0131BN	HAVMANN 2
Merkeregister	H 0131S	AUSO
Merkeregister	H 0132B	HAVGULA
Merkeregister	H 0134B	SNØGG
Merkeregister	H 0140AV	ØSTANGER
Merkeregister	H 0140B	ELISABETH
Merkeregister	H 0140K	HOPHOLM
Merkeregister	H 0142B	KATRINE
Merkeregister	H 0142K	LIV ERIK
Merkeregister	H 0144AV	HUGIN
Merkeregister	H 0145AV	MUNIN
Merkeregister	H 0145B	TOR
Merkeregister	H 0145K	PENSJONISTEN
Merkeregister	H 0147B	NOTABÅTEN
Merkeregister	H 0148S	ELISABETH
Merkeregister	H 0150B	SOLFISK
Merkeregister	H 0150S	JADAR
Merkeregister	H 0151B	BASEN SENIOR
Merkeregister	H 0152B	HELLEBUEN

Merkeregister	H 0154AV	LABRIDAE
Merkeregister	H 0154B	RONJA
Merkeregister	H 0155AV	OLIVIA
Merkeregister	H 0157AV	NAVØY
Merkeregister	H 0158S	JADAR
Merkeregister	H 0159AV	JOAR
Merkeregister	H 0159B	ROGØY
Merkeregister	H 0160B	MÅKEN
Merkeregister	H 0165AV	HEIAGUTT
Merkeregister	H 0166AV	GAUTE
Merkeregister	H 0169B	BÆRØYBUEN
Merkeregister	H 0170B	LAILA
Merkeregister	H 0175AV	OLAV ENDRE
Merkeregister	H 0175B	BØMMELBAS
Merkeregister	H 0176AV	SOLID
Merkeregister	H 0177AV	NORTHGUIDER
Merkeregister	H 0179B	REVEN
Merkeregister	H 0180AV	KAMØYFISK
Merkeregister	H 0180B	NORDBAS
Merkeregister	H 0180K	TUNFISK
Merkeregister	H 0181AV	NORDERVON
Merkeregister	H 0182AV	NORDERVEG
Merkeregister	H 0183AV	EIKHOLMEN
Merkeregister	H 0187AV	ØSTERBRIS II
Merkeregister	H 0188AV	RITO
Merkeregister	H 0188B	NØSTBAKK
Merkeregister	H 0190S	SKAGAFISK
Merkeregister	H 0191AV	HÅTIND
Merkeregister	H 0193K	GLIMT
Merkeregister	H 0195AV	TRULTE
Merkeregister	H 0196B	RUNAFJORD
Merkeregister	H 0198AV	KALSØYVIK
Merkeregister	H 0198S	THERESE
Merkeregister	H 0200B	LØNNINGEN I
Merkeregister	H 0206B	ÅSHOLM
Merkeregister	H 0208AV	K.M. ØSTERVOLD
Merkeregister	H 0218AV	CHRISTINA
Merkeregister	H 0222AV	JOJO
Merkeregister	H 0222S	MARTA
Merkeregister	H 0223AV	AMELIA

Merkeregister	H 0226B	LINE
Merkeregister	H 0229B	BÆRØYFISK
Merkeregister	H 0233FJ	BRUSE
Merkeregister	H 0240S	FLIPPER
Merkeregister	H 0266B	HAVHELD
Merkeregister	H 0273B	BARMEN
Merkeregister	H 0275AV	VESTGLANS
Merkeregister	H 0280AV	KAMØYFISK
Merkeregister	H 0282AV	JANE
Merkeregister	H 0283AV	BRUTUS
Merkeregister	H 0285AV	NJÅSUND
Merkeregister	H 0288B	HAVLEIK
Merkeregister	H 0295AV	TRULTE
Merkeregister	H 0297B	LASSE
Merkeregister	H 0298S	THERESE
Merkeregister	H 0300B	ANGLEVIK
Merkeregister	H 0306B	TIN
Merkeregister	H 0310S	STRILAJENTO II
Merkeregister	H 0370AV	MIKI
Merkeregister	H 0380AV	STOREKNUT
Merkeregister	H 0414B	SUDERØY
Merkeregister	H 0520AV	HALLVARD
Merkeregister	H 0569B	MOSTEIN
Merkeregister	H 0718B	TRYGVASON
Merkeregister	M 0001A	BETRIM
Merkeregister	M 0001AE	BRIS
Merkeregister	M 0001AV	RUBEN
Merkeregister	M 0001EE	LIANES
Merkeregister	M 0001F	HAVBLIKK
Merkeregister	M 0001GS	VÅGØY
Merkeregister	M 0001H	HORISONT
Merkeregister	M 0001HØ	TEIGENES
Merkeregister	M 0001K	TOR
Merkeregister	M 0001M	WALLANDER
Merkeregister	M 0001MD	FRIDA
Merkeregister	M 0001N	RAYMITA
Merkeregister	M 0001RA	CHEVY
Merkeregister	M 0001S	FLORA
Merkeregister	M 0001SA	HAVRUS
Merkeregister	M 0001SJ	MORILD

Merkeregister	M 0001SK	FJORDFISK
Merkeregister	M 0001SM	KARDINAL
Merkeregister	M 0001SR	JANKRIS
Merkeregister	M 0001SØ	MIA
Merkeregister	M 0001U	SJØGLIMT
Merkeregister	M 0001VA	BØLGEN
Merkeregister	M 0001VN	MATS
Merkeregister	M 0001VS	MALIN
Merkeregister	M 0002A	OLAV S
Merkeregister	M 0002AV	BRIM
Merkeregister	M 0002EE	TEISTKLUB
Merkeregister	M 0002F	ATLAS
Merkeregister	M 0002G	VALDERØY
Merkeregister	M 0002GS	LEPPEFISKBÅTEN
Merkeregister	M 0002H	CRAZY DIAMOND
Merkeregister	M 0002HD	KLETT
Merkeregister	M 0002HS	JUNIOR
Merkeregister	M 0002HØ	REMØYGUTT
Merkeregister	M 0002K	ASTRID
Merkeregister	M 0002M	RANDI SOFIE
Merkeregister	M 0002RA	SILJE
Merkeregister	M 0002S	HAUGSTAD
Merkeregister	M 0002SA	SLOGEN
Merkeregister	M 0002SK	FANT
Merkeregister	M 0002SM	MAROSA
Merkeregister	M 0002ST	HARALD JR.
Merkeregister	M 0002SØ	ONING
Merkeregister	M 0002U	ANGUS
Merkeregister	M 0002VD	RAMOEN (UTGÅTT)
Merkeregister	M 0002VN	PACC
Merkeregister	M 0002VS	MATHILDE
Merkeregister	M 0003A	TROLLKJERRING
Merkeregister	M 0003AE	TUSTNATIND
Merkeregister	M 0003AK	MORILD
Merkeregister	M 0003AV	HAVBRIS
Merkeregister	M 0003EE	MADELEN
Merkeregister	M 0003F	HELLSKJÆR
Merkeregister	M 0003GS	EVA
Merkeregister	M 0003H	BRODD
Merkeregister	M 0003HS	SNORRE

Merkeregister	M 0003HØ	LEINEBJØRN
Merkeregister	M 0003M	MARIE STEEN
Merkeregister	M 0003MD	FANGST
Merkeregister	M 0003RA	SKÅLVIK
Merkeregister	M 0003S	FRANTS
Merkeregister	M 0003SA	BALDER
Merkeregister	M 0003SK	MARIELL
Merkeregister	M 0003SØ	NUGLÅ
Merkeregister	M 0003U	NYBJØRN
Merkeregister	M 0003VD	KAMARO
Merkeregister	M 0003VN	HAUGEN
Merkeregister	M 0003VS	ØYBAS
Merkeregister	M 0004A	OCEAN
Merkeregister	M 0004AE	UTRYGG
Merkeregister	M 0004AK	BERGNEBB
Merkeregister	M 0004AV	SIGVE
Merkeregister	M 0004EE	JAN ÅGE
Merkeregister	M 0004F	SIMEN
Merkeregister	M 0004G	LEIK
Merkeregister	M 0004GS	SJØGUTT
Merkeregister	M 0004H	NORLINER
Merkeregister	M 0004HS	ODIN
Merkeregister	M 0004HØ	OPEKIAS
Merkeregister	M 0004K	HOLMSON
Merkeregister	M 0004M	FISKAREN
Merkeregister	M 0004NL	ARNSI
Merkeregister	M 0004RA	LABRUS
Merkeregister	M 0004S	CASTRO
Merkeregister	M 0004SM	FRIDAKSELLA
Merkeregister	M 0004VA	BØLGEN
Merkeregister	M 0004VD	MYSTIC OCEAN
Merkeregister	M 0004VN	HAVBÅRA
Merkeregister	M 0005A	STOKKE JR.
Merkeregister	M 0005AE	BJØRNHOLM JUNIOR
Merkeregister	M 0005AK	SIGGEN
Merkeregister	M 0005AV	GULARØY
Merkeregister	M 0005F	RAGNHILD
Merkeregister	M 0005G	FISK
Merkeregister	M 0005GS	TRIKO
Merkeregister	M 0005H	GEIGO

Merkeregister	M 0005HD	VINGHOLM
Merkeregister	M 0005HØ	PEO
Merkeregister	M 0005K	ANNA KANUTTE
Merkeregister	M 0005M	FANGST
Merkeregister	M 0005S	LANGØY
Merkeregister	M 0005VD	HAVBLÅ
Merkeregister	M 0005VN	RAGNHILD EMILIE
Merkeregister	M 0005VS	RAGNHILD
Merkeregister	M 0006A	SYLTEBAS
Merkeregister	M 0006AE	ØYAVÅG
Merkeregister	M 0006AV	PLUTO
Merkeregister	M 0006F	HÅSKJÆR
Merkeregister	M 0006G	PETRELL
Merkeregister	M 0006GS	ISINGVÅG
Merkeregister	M 0006H	SØSAND PIONER
Merkeregister	M 0006HØ	RANITA
Merkeregister	M 0006MD	GANGSTAD
Merkeregister	M 0006SM	VANJA
Merkeregister	M 0006SØ	JOVITA
Merkeregister	M 0006TV	LINE
Merkeregister	M 0006U	FJORDFISK
Merkeregister	M 0006VD	BJØRNHAUG
Merkeregister	M 0006VN	PLUMP
Merkeregister	M 0007A	KNAPPEN
Merkeregister	M 0007AE	ØIEN
Merkeregister	M 0007AK	STRANDING
Merkeregister	M 0007AV	TROMFLU
Merkeregister	M 0007F	HAVØRN
Merkeregister	M 0007H	SUNBEAM
Merkeregister	M 0007HØ	FREDØY
Merkeregister	M 0007K	OLIVER
Merkeregister	M 0007MD	SENIOR
Merkeregister	M 0007SM	HAVSULA
Merkeregister	M 0007U	BRAVO
Merkeregister	M 0007VD	RAMOEN
Merkeregister	M 0007VN	SKJERGAR
Merkeregister	M 0008A	TORMO
Merkeregister	M 0008AK	BERGGYLT
Merkeregister	M 0008AV	ORFJORD
Merkeregister	M 0008F	LISJEBAS

Merkeregister	M 0008GS	ROAR
Merkeregister	M 0008HØ	DIPLOM
Merkeregister	M 0008K	LINHAV
Merkeregister	M 0008S	HENKABUEN
Merkeregister	M 0008SK	FJORDFISK
Merkeregister	M 0008SM	EVELYN
Merkeregister	M 0008SU	AURA WATT
Merkeregister	M 0008SØ	HØVDINGEN
Merkeregister	M 0008U	NYBJØRN
Merkeregister	M 0008VD	HARALD JR.
Merkeregister	M 0008VN	BARO
Merkeregister	M 0009A	VEGSUND
Merkeregister	M 0009AE	HANSVIKEN
Merkeregister	M 0009AK	TORNADO
Merkeregister	M 0009AV	SARON
Merkeregister	M 0009F	SABBEN
Merkeregister	M 0009GS	BERNHARD
Merkeregister	M 0009HØ	REMØYBUEN
Merkeregister	M 0009K	IDA MARIE
Merkeregister	M 0009MD	TUFTE
Merkeregister	M 0009RA	TIME BANDIT
Merkeregister	M 0009SA	AASHEIM
Merkeregister	M 0009SM	PER
Merkeregister	M 0010A	KNAPPEN
Merkeregister	M 0010AE	TUFSE
Merkeregister	M 0010AV	TERNUNG
Merkeregister	M 0010F	NYSTAD
Merkeregister	M 0010G	GOVIK
Merkeregister	M 0010GS	BJØRN ROBIN
Merkeregister	M 0010H	SKYBEAM
Merkeregister	M 0010HD	RASI
Merkeregister	M 0010HØ	HERØYFJORD
Merkeregister	M 0010K	SEMO
Merkeregister	M 0010RA	CHEVY
Merkeregister	M 0010S	STÅLEGG
Merkeregister	M 0010SA	FISKENES
Merkeregister	M 0010SJ	HUNTER
Merkeregister	M 0010SK	NY-MARO
Merkeregister	M 0010SM	FRØY
Merkeregister	M 0010U	VESTHAV

Merkeregister	M 0010VN	NYTRYGG
Merkeregister	M 0010ØG	STORSEISUND
Merkeregister	M 0011A	VOLSTAD
Merkeregister	M 0011AV	LIAHOLM
Merkeregister	M 0011F	ELNESFISK
Merkeregister	M 0011G	SYLVIA
Merkeregister	M 0011HØ	IDA
Merkeregister	M 0011K	MIA
Merkeregister	M 0011M	TRIO
Merkeregister	M 0011MD	HØSTSTJERNA
Merkeregister	M 0011RA	FJORDING
Merkeregister	M 0011SA	NYSKJER
Merkeregister	M 0011SM	HURRAGUTTEN
Merkeregister	M 0011SØ	UTROR
Merkeregister	M 0011U	AMIGO
Merkeregister	M 0011VS	SIGNAL
Merkeregister	M 0012A	VENUS
Merkeregister	M 0012AE	ØYAVÅG
Merkeregister	M 0012AK	FINDUS
Merkeregister	M 0012F	HAVGUTT
Merkeregister	M 0012H	GEIR II
Merkeregister	M 0012HØ	LEANE
Merkeregister	M 0012K	SJØSTJERNA
Merkeregister	M 0012S	ELDORADO
Merkeregister	M 0012SK	SOLSUND
Merkeregister	M 0012SM	VIKING
Merkeregister	M 0012U	STOKKE SENIOR
Merkeregister	M 0012VS	MATHILDE
Merkeregister	M 0013AV	MATHILDE
Merkeregister	M 0013H	SØSAND VIKING
Merkeregister	M 0013HØ	CORNELIS
Merkeregister	M 0013SM	OLE-HENRIK
Merkeregister	M 0013U	STRAUMSUND
Merkeregister	M 0014A	SAFIR
Merkeregister	M 0014AE	NAUSTVIK
Merkeregister	M 0014AV	STINE
Merkeregister	M 0014F	DELFIN
Merkeregister	M 0014G	STORNES
Merkeregister	M 0014H	NORA
Merkeregister	M 0014HØ	VOLDSUNDFISK

Merkeregister	M 0014K	VESTHAV
Merkeregister	M 0014MD	MIDØY VIKING
Merkeregister	M 0014S	DELFIN
Merkeregister	M 0014SA	RUSKEN
Merkeregister	M 0014SJ	STRATOS
Merkeregister	M 0014SM	JULIAN
Merkeregister	M 0014U	HUSLA
Merkeregister	M 0015A	THEA 2
Merkeregister	M 0015AV	OLAV VIKING
Merkeregister	M 0015F	MORILD
Merkeregister	M 0015G	GODØYGUTT
Merkeregister	M 0015H	SEIKO
Merkeregister	M 0015HD	FALKVINGE
Merkeregister	M 0015HØ	TONO
Merkeregister	M 0015K	TØFFE
Merkeregister	M 0015MD	JOVITO
Merkeregister	M 0015NL	SIWA
Merkeregister	M 0015SM	KVITHOLMEN
Merkeregister	M 0015SØ	NOR
Merkeregister	M 0015U	VÅGEBRIS
Merkeregister	M 0015VN	TRUDE
Merkeregister	M 0016A	NOAH
Merkeregister	M 0016AE	VALØY
Merkeregister	M 0016AV	SILVER VIKING
Merkeregister	M 0016F	RINGO
Merkeregister	M 0016H	HILDRING
Merkeregister	M 0016HØ	ARGO
Merkeregister	M 0016K	LINHAV
Merkeregister	M 0016MD	JUMA
Merkeregister	M 0016SA	SVENJA
Merkeregister	M 0016SM	OLSØYVÆRING
Merkeregister	M 0016VA	FISK
Merkeregister	M 0017A	BERSERK
Merkeregister	M 0017AV	GÅRDEN SENIOR
Merkeregister	M 0017F	TINZI
Merkeregister	M 0017H	ROLLON
Merkeregister	M 0017HØ	ARGO
Merkeregister	M 0017K	BØLGEN
Merkeregister	M 0017MD	SJØKVISTEN
Merkeregister	M 0017SM	STEINARSON
Merkeregister	M 0018A	SELBJØRNSFJORD
Merkeregister	M 0018AV	VADDØ
Merkeregister	M 0018F	SØRHAV
Merkeregister	M 0018G	JULIE
Merkeregister	M 0018GS	LANGSKJÆR
Merkeregister	M 0018H	NYGUTT
Merkeregister	M 0018HD	BURIK
Merkeregister	M 0018K	SOFIE MARI
Merkeregister	M 0018S	TEX
Merkeregister	M 0018SM	ODD EINAR
Merkeregister	M 0019AE	KNOTT

Merkeregister	M 0019AV	LUMPFISH
Merkeregister	M 0019F	BJØRNHAUG
Merkeregister	M 0019G	LORAN
Merkeregister	M 0019H	MOONBEAM
Merkeregister	M 0019HØ	BUAGUTT
Merkeregister	M 0019M	VÅGAR
Merkeregister	M 0019SM	STORØY
Merkeregister	M 0020A	SØRØYFISK
Merkeregister	M 0020AV	SANDØYSUND
Merkeregister	M 0020EE	TRAMSEGG
Merkeregister	M 0020F	KÅRBØBAS
Merkeregister	M 0020HD	BRODD
Merkeregister	M 0020HØ	CRYSTAL
Merkeregister	M 0020K	JOHN SENIOR
Merkeregister	M 0020RA	ANNE GURI
Merkeregister	M 0020SM	SJARKE
Merkeregister	M 0020U	FLØMANN
Merkeregister	M 0020VD	BJØRN MARTIN
Merkeregister	M 0020VS	MARIANN
Merkeregister	M 0021AV	MØRE
Merkeregister	M 0021EE	JAN ÅGE
Merkeregister	M 0021F	SKARNER
Merkeregister	M 0021H	NESAGUTT
Merkeregister	M 0021HØ	HERØYFJORD
Merkeregister	M 0021K	SOLBRIS
Merkeregister	M 0021SA	TOR
Merkeregister	M 0021SM	STORM
Merkeregister	M 0021U	BRANDUNGEN
Merkeregister	M 0021VS	MATHILDE II
Merkeregister	M 0022AE	KVITNES
Merkeregister	M 0022F	MYRBØ JUNIOR
Merkeregister	M 0022G	DØNNING II
Merkeregister	M 0022H	BIRK
Merkeregister	M 0022HD	UNN
Merkeregister	M 0022HØ	KINGS BAY
Merkeregister	M 0022K	SYNNE
Merkeregister	M 0022SM	FISKEBANK
Merkeregister	M 0022U	FLØBRIS
Merkeregister	M 0022VN	HAVBÅRA
Merkeregister	M 0022VS	KVALVIK
Merkeregister	M 0023A	THOIS
Merkeregister	M 0023AV	LILLEBROR
Merkeregister	M 0023F	JANBU
Merkeregister	M 0023H	BALDER
Merkeregister	M 0023HØ	HAVDUR
Merkeregister	M 0023MD	WARIE
Merkeregister	M 0023SA	ROY
Merkeregister	M 0023SM	ERIK
Merkeregister	M 0024AV	UTHEIM JUNIOR
Merkeregister	M 0024F	KOBBEN
Merkeregister	M 0024GS	NICOLAI
Merkeregister	M 0024H	SEABEAM
Merkeregister	M 0024HØ	VENTURA
Merkeregister	M 0024SM	OLE
Merkeregister	M 0025AE	PÅL MAGNAR
Merkeregister	M 0025AV	NYBROTT
Merkeregister	M 0025EE	SEIFLU JR
Merkeregister	M 0025F	MALIN

Merkeregister	M 0025H	SKYBEAM
Merkeregister	M 0025HØ	LEINEFISK
Merkeregister	M 0025K	GRIPAR
Merkeregister	M 0025SA	B-VÅG
Merkeregister	M 0025SM	ORHOLM
Merkeregister	M 0026AV	SIMON SENIOR
Merkeregister	M 0026EE	SEIFLU
Merkeregister	M 0026F	JOFFRE
Merkeregister	M 0026H	TORFINN
Merkeregister	M 0026HØ	SKÅRUNGEN
Merkeregister	M 0026MD	MIDSUNDJENTA
Merkeregister	M 0026SM	SOLO
Merkeregister	M 0026VN	HAVPRINS
Merkeregister	M 0026VS	NORTHWESTERN
Merkeregister	M 0027A	KVAMSØY
Merkeregister	M 0027AE	OLE K
Merkeregister	M 0027AV	LOM
Merkeregister	M 0027F	NJÅRD
Merkeregister	M 0027H	SUNBEAM
Merkeregister	M 0027HØ	NYBRIS
Merkeregister	M 0027K	HAVTERNA
Merkeregister	M 0027MD	EMMA
Merkeregister	M 0027SM	PONDUS
Merkeregister	M 0027VD	SÆBJØRN
Merkeregister	M 0028A	HEMINGWAY
Merkeregister	M 0028AE	VIRO
Merkeregister	M 0028AV	SKJERNES
Merkeregister	M 0028F	SMÅEN
Merkeregister	M 0028G	MYNTEVIK
Merkeregister	M 0028H	MORILD
Merkeregister	M 0028HØ	GRØNHOLM
Merkeregister	M 0028MD	MIDSUND
Merkeregister	M 0028S	P.O. SENIOR
Merkeregister	M 0028SM	SERINE
Merkeregister	M 0028SØ	ONING
Merkeregister	M 0029AV	SATURN
Merkeregister	M 0029F	PERO II
Merkeregister	M 0029G	SNØGG
Merkeregister	M 0029H	HANS O
Merkeregister	M 0029HØ	EROS
Merkeregister	M 0029SM	PALMA
Merkeregister	M 0029U	HADARØY
Merkeregister	M 0030AE	HAVDØNN
Merkeregister	M 0030AK	MATLØYSA
Merkeregister	M 0030AV	IRIS EIRIN
Merkeregister	M 0030H	ODIN
Merkeregister	M 0030HS	LANGHOLM
Merkeregister	M 0030HØ	AKONO
Merkeregister	M 0030MD	GANGSTAD I
Merkeregister	M 0030S	AGATHE
Merkeregister	M 0030SA	BØLGEN
Merkeregister	M 0030SM	ANNA
Merkeregister	M 0030SØ	HAAVÆRBUEN
Merkeregister	M 0030VD	OLINE
Merkeregister	M 0030VN	SMÅLINER
Merkeregister	M 0031A	PLUTO
Merkeregister	M 0031AV	OLE
Merkeregister	M 0031G	REAL 1

Merkeregister	M 0031H	OLE P
Merkeregister	M 0031HØ	GOLLENES
Merkeregister	M 0031SM	MELODI
Merkeregister	M 0032AE	EIDSHOLM
Merkeregister	M 0032AV	DOLE
Merkeregister	M 0032EE	FRIDA
Merkeregister	M 0032F	JUNO
Merkeregister	M 0032G	AASE
Merkeregister	M 0032H	BJØRNHAUG
Merkeregister	M 0032HØ	GENTIC
Merkeregister	M 0032SA	TOCAMA
Merkeregister	M 0032SM	SJØLIV
Merkeregister	M 0032VN	SIGNAL
Merkeregister	M 0033AE	BLÆKKBÅTEN
Merkeregister	M 0033AV	DOFFEN
Merkeregister	M 0033H	NAPP
Merkeregister	M 0033HØ	LENA (UTGÅTT)
Merkeregister	M 0033K	PAULINE
Merkeregister	M 0033M	TORILD
Merkeregister	M 0033MD	HUSAR
Merkeregister	M 0033S	BRUSØY
Merkeregister	M 0033SM	TORIL IRENE
Merkeregister	M 0034AV	PRØVEN
Merkeregister	M 0034F	VÅGØY
Merkeregister	M 0034G	BRIS
Merkeregister	M 0034H	SVANEN
Merkeregister	M 0034HØ	VENTURA
Merkeregister	M 0035A	ARCTIC SWAN
Merkeregister	M 0035F	ALF SENIOR
Merkeregister	M 0035HØ	VATTØYFJORD
Merkeregister	M 0035K	KVITINGEN II
Merkeregister	M 0035MD	GANGSTAD JR
Merkeregister	M 0035SM	ELIAS
Merkeregister	M 0036F	VIKAVÆRING
Merkeregister	M 0036G	SILVA
Merkeregister	M 0036HS	ELDORADO
Merkeregister	M 0036HØ	STINA
Merkeregister	M 0036SM	HAUGEN
Merkeregister	M 0036VN	LUNA
Merkeregister	M 0037G	ROALDNES
Merkeregister	M 0037S	BRUSØY
Merkeregister	M 0038AE	HAMNASUND
Merkeregister	M 0038AV	STORMFUGLEN
Merkeregister	M 0038F	HUSTADBUEN
Merkeregister	M 0038G	SIGGI BESSA
Merkeregister	M 0038HØ	BØFJORD
Merkeregister	M 0038VN	SMÅSKJER
Merkeregister	M 0039AV	LENE
Merkeregister	M 0039G	ORBIT
Merkeregister	M 0039HØ	KARO
Merkeregister	M 0040AE	TERESA
Merkeregister	M 0040AK	BRØDRENE SOLEM
Merkeregister	M 0040G	CATOR 1
Merkeregister	M 0040H	ELDORADO
Merkeregister	M 0040HØ	STORNES
Merkeregister	M 0040K	GUNNAR EGIL
Merkeregister	M 0040M	METHO
Merkeregister	M 0040SA	BRATT

Merkeregister	M 0040SM	VEIVÆRING
Merkeregister	M 0040VD	SMÅFISK
Merkeregister	M 0041AE	MORILD
Merkeregister	M 0041AV	GÅRDEN
Merkeregister	M 0041F	ROYAL
Merkeregister	M 0041G	LAGUN
Merkeregister	M 0041HØ	PERLON
Merkeregister	M 0041K	MARØYSUND
Merkeregister	M 0042A	KLONDYKE
Merkeregister	M 0042AE	MARIE
Merkeregister	M 0042AV	MARITA
Merkeregister	M 0042G	LOBSTER
Merkeregister	M 0042HØ	HAVSOL
Merkeregister	M 0042MD	NIVEA
Merkeregister	M 0042SA	SEIKO
Merkeregister	M 0042SM	BJØRN STEINAR
Merkeregister	M 0043A	MARI
Merkeregister	M 0043G	SOLTIND
Merkeregister	M 0043H	FLIPPER
Merkeregister	M 0043HØ	REFORM
Merkeregister	M 0044AK	RAGNHILD KRISTINE
Merkeregister	M 0044AV	TOAN
Merkeregister	M 0044G	SØKERN
Merkeregister	M 0044H	JADAR
Merkeregister	M 0044HØ	TØFFEN
Merkeregister	M 0044MD	TORILD
Merkeregister	M 0044SM	HOPAVÅG
Merkeregister	M 0045A	SOLTIND
Merkeregister	M 0045AE	EIRIN
Merkeregister	M 0045AV	DINO
Merkeregister	M 0045G	SOLLEN
Merkeregister	M 0045HØ	ODIN
Merkeregister	M 0046A	STOREGG JR
Merkeregister	M 0046G	HUSØYVÅG
Merkeregister	M 0046HØ	LILJO
Merkeregister	M 0046K	ASPHOLM
Merkeregister	M 0046S	THEOLA
Merkeregister	M 0046SM	MATHEA
Merkeregister	M 0047AE	LAKSEN
Merkeregister	M 0047F	SOLØY
Merkeregister	M 0047G	INGRID
Merkeregister	M 0047HØ	TUENES
Merkeregister	M 0047K	TIKI
Merkeregister	M 0048A	KNAPPEN
Merkeregister	M 0048HØ	NÆRØYBUEN
Merkeregister	M 0049HØ	ØYTIND
Merkeregister	M 0049K	KLEPPEN
Merkeregister	M 0050A	SKLINNABANKEN
Merkeregister	M 0050AE	HANS-R
Merkeregister	M 0050AV	PIT
Merkeregister	M 0050G	STORNES
Merkeregister	M 0050H	SVE
Merkeregister	M 0050HØ	HAVSTEIN
Merkeregister	M 0050K	CATO
Merkeregister	M 0050MD	NYSTRØM
Merkeregister	M 0050SA	HAUGEFISK
Merkeregister	M 0050SM	AUGUST
Merkeregister	M 0050VD	HAVBLÅ I

Merkeregister	M 0050VN	MARULK
Merkeregister	M 0051G	RAPP
Merkeregister	M 0051H	STÅL
Merkeregister	M 0051HØ	PETRINE
Merkeregister	M 0051K	MARTIN
Merkeregister	M 0052F	KVATRO
Merkeregister	M 0052HØ	RELIN
Merkeregister	M 0052S	LILLANN
Merkeregister	M 0052SM	BENTE ANITA
Merkeregister	M 0053F	BUABAS
Merkeregister	M 0053G	ARTHUR
Merkeregister	M 0053GS	HUGNAD
Merkeregister	M 0053SA	SOFFE
Merkeregister	M 0054AV	JENSEGUTT
Merkeregister	M 0054G	LAUNES
Merkeregister	M 0054HØ	STORHAV
Merkeregister	M 0054SM	JUANITA
Merkeregister	M 0055A	INGER
Merkeregister	M 0055AV	HERMON
Merkeregister	M 0055F	KVATRO
Merkeregister	M 0055G	FAUSKEN
Merkeregister	M 0055H	NAUSTVIK 3
Merkeregister	M 0055HØ	NÆRØYBUEN
Merkeregister	M 0055SA	STRANDBAKKEN
Merkeregister	M 0055VN	GEKO
Merkeregister	M 0056G	FRAMMEN
Merkeregister	M 0056HØ	KORSNES
Merkeregister	M 0056MD	NYBO
Merkeregister	M 0056S	MYRA
Merkeregister	M 0056SM	IRIS ANETTE
Merkeregister	M 0057A	CAMANITA
Merkeregister	M 0057AK	HAVBRIS
Merkeregister	M 0057HØ	SIGNAL
Merkeregister	M 0058A	CAPELLA
Merkeregister	M 0058SA	BJØRNAR
Merkeregister	M 0058VN	HAUGEN JUNIOR
Merkeregister	M 0059AE	NOR
Merkeregister	M 0059G	GUNN ANITA
Merkeregister	M 0059HØ	KRÅKØYSUND
Merkeregister	M 0060A	TORO
Merkeregister	M 0060AE	UTRYGG 1
Merkeregister	M 0060AV	THAI
Merkeregister	M 0060F	NORDLYS
Merkeregister	M 0060G	OLAV DALEN
Merkeregister	M 0060H	SILVER
Merkeregister	M 0060HØ	KYSTFISK
Merkeregister	M 0060SM	JAKOBSON
Merkeregister	M 0061A	PIRATEN
Merkeregister	M 0061F	BUAGUTT
Merkeregister	M 0061G	TEA
Merkeregister	M 0061SØ	HARTO
Merkeregister	M 0062AV	ASLEGUT
Merkeregister	M 0062HØ	SKOGLIJENTA
Merkeregister	M 0062SM	SKROKKSUND
Merkeregister	M 0064G	HULKEN
Merkeregister	M 0064H	NIDAR
Merkeregister	M 0064MD	EMMA
Merkeregister	M 0065AV	BRATTHOLM

Merkeregister	M 0065HØ	SMARAGD
Merkeregister	M 0065MD	SENIOR
Merkeregister	M 0066AE	HANNE MARIE
Merkeregister	M 0066AV	BUCKY
Merkeregister	M 0066F	SPRINT
Merkeregister	M 0066G	ATLANTIC VIKING
Merkeregister	M 0066S	VIKASTAR
Merkeregister	M 0066SM	BRATTVÆRING
Merkeregister	M 0067AK	STEINSVÆR
Merkeregister	M 0067HØ	RAV
Merkeregister	M 0067SM	STEINSVÆR
Merkeregister	M 0067TV	BEATE
Merkeregister	M 0068A	OCEAN JR
Merkeregister	M 0068F	OLEMANN
Merkeregister	M 0068G	ATLANTIC VIKING
Merkeregister	M 0068SM	URAN
Merkeregister	M 0069A	BUØY
Merkeregister	M 0069G	MOLNES
Merkeregister	M 0069MD	MARIE
Merkeregister	M 0069SM	LAKSBERG
Merkeregister	M 0070AK	JANTO JR
Merkeregister	M 0070AV	TOJAKO
Merkeregister	M 0070H	HANSVIK
Merkeregister	M 0070HØ	ROGNE
Merkeregister	M 0070SM	EVA-ANNE
Merkeregister	M 0071A	SKARSTEIN
Merkeregister	M 0071AV	SUNBEAM
Merkeregister	M 0071G	NESBAKK
Merkeregister	M 0071HØ	FROMAR
Merkeregister	M 0071SA	GETO
Merkeregister	M 0072AE	ANNY LOVISE
Merkeregister	M 0072G	NESBAKK
Merkeregister	M 0072H	NESBAKK
Merkeregister	M 0072HØ	HUNTER
Merkeregister	M 0073F	CARMONA
Merkeregister	M 0073G	ANNIKEN
Merkeregister	M 0074HØ	FROMAR
Merkeregister	M 0074S	SILITO
Merkeregister	M 0074SØ	STRANDAR
Merkeregister	M 0075AK	JANTO
Merkeregister	M 0075G	LINDA
Merkeregister	M 0075K	JANTO
Merkeregister	M 0076G	VEIDAR 1
Merkeregister	M 0076H	ROLLO
Merkeregister	M 0076S	BRIS
Merkeregister	M 0077AV	MARHOLM
Merkeregister	M 0077G	MARHOLM
Merkeregister	M 0078A	INGER VICTORIA
Merkeregister	M 0078F	GULVÅG
Merkeregister	M 0078G	NYTERTEN
Merkeregister	M 0078HØ	VESTFISK
Merkeregister	M 0078MD	HOMARUS
Merkeregister	M 0079AE	TOMMY
Merkeregister	M 0079G	BROTTSJØ
Merkeregister	M 0079H	LORAN
Merkeregister	M 0079HØ	GENESIS
Merkeregister	M 0080A	HAUGE JUNIOR
Merkeregister	M 0080AK	HERCULES

Merkeregister	M 0080AV	BJØRNES
Merkeregister	M 0080F	LOYAL
Merkeregister	M 0080G	NORDBAS
Merkeregister	M 0080H	KVAL
Merkeregister	M 0080M	METHO
Merkeregister	M 0080MD	MIDØY
Merkeregister	M 0080SA	SULABAS
Merkeregister	M 0080SJ	SEA HUNTER
Merkeregister	M 0080VN	FERDINAN
Merkeregister	M 0081A	SJØGUTT
Merkeregister	M 0081AV	GULLFISK
Merkeregister	M 0081F	BUAGUTT
Merkeregister	M 0081H	CINDY
Merkeregister	M 0082AE	GERD
Merkeregister	M 0082G	ATLANTIC NAVIGATOR
Merkeregister	M 0082H	REIDAR
Merkeregister	M 0083H	LIAVÅG
Merkeregister	M 0083M	RASK
Merkeregister	M 0083S	LIAVÅG
Merkeregister	M 0083SA	SULAHAV
Merkeregister	M 0084HØ	BØTIND
Merkeregister	M 0084K	LANGHOLMBUEN
Merkeregister	M 0084SM	ARKTOS
Merkeregister	M 0085G	NORDSTAR
Merkeregister	M 0085HØ	URVAAG (UTGÅTT)
Merkeregister	M 0085SM	VERONICA
Merkeregister	M 0087HØ	ORION
Merkeregister	M 0087SM	RANGNES
Merkeregister	M 0088F	ØYBUEN
Merkeregister	M 0088HØ	VOLDSUND
Merkeregister	M 0088SM	EDØY
Merkeregister	M 0089A	BUØY SR.
Merkeregister	M 0089G	FORSØK
Merkeregister	M 0089K	MOLLEN
Merkeregister	M 0090A	MYKLE JR.
Merkeregister	M 0090F	NYMØRE
Merkeregister	M 0090G	INGVARDSON
Merkeregister	M 0090H	ØYE
Merkeregister	M 0090HØ	SÆL
Merkeregister	M 0090SA	HÅPET
Merkeregister	M 0090SJ	EMILIE H
Merkeregister	M 0090TV	BERNHARD
Merkeregister	M 0091A	INGVARDSON
Merkeregister	M 0091HØ	BAMSE
Merkeregister	M 0091U	SINA
Merkeregister	M 0092HØ	MAKA
Merkeregister	M 0092MD	MIFJORD
Merkeregister	M 0092SM	FLABBEN
Merkeregister	M 0093AK	RESABUEN
Merkeregister	M 0093AV	SOLBRIS
Merkeregister	M 0094H	HARHAUG I
Merkeregister	M 0094K	HØLINGEN
Merkeregister	M 0095A	ANKER
Merkeregister	M 0095H	ANKER
Merkeregister	M 0095HØ	ALEX
Merkeregister	M 0095K	TRYGVASON
Merkeregister	M 0096AE	REFORM
Merkeregister	M 0096G	FRØY

Merkeregister	M 0096K	DEMRING
Merkeregister	M 0096SA	URKEVIK
Merkeregister	M 0097U	FJORDFISK
Merkeregister	M 0098A	SOKRATES
Merkeregister	M 0098HØ	ALEX
Merkeregister	M 0098SA	PER
Merkeregister	M 0098SJ	HAVØY
Merkeregister	M 0098SM	CASTOR
Merkeregister	M 0099HØ	REMØY
Merkeregister	M 0100A	MACABO
Merkeregister	M 0100F	HAVBLIKK II
Merkeregister	M 0100H	NORDHAVN
Merkeregister	M 0100HØ	NOTØYGUTT
Merkeregister	M 0100MD	MIDØY VIKING
Merkeregister	M 0100S	ISFJORD
Merkeregister	M 0100SA	HAUGEFISK
Merkeregister	M 0100SM	PETTERSON
Merkeregister	M 0100VS	WEST-VIKING
Merkeregister	M 0101HØ	NOTØYGUTT
Merkeregister	M 0101SM	FISKEBANK
Merkeregister	M 0102G	KEIKO
Merkeregister	M 0103F	CHRISTINA 2
Merkeregister	M 0103SM	VIKING I
Merkeregister	M 0104A	KAMARO
Merkeregister	M 0104AV	NESABUEN
Merkeregister	M 0104HØ	SARAH
Merkeregister	M 0105SM	LUTON
Merkeregister	M 0106F	SKUTHOLM
Merkeregister	M 0106H	KORALEN
Merkeregister	M 0107HØ	NORVIK
Merkeregister	M 0108HØ	JØKUL
Merkeregister	M 0109F	TAYLOR
Merkeregister	M 0110AE	FLINK
Merkeregister	M 0110G	ATLANTIC STAR
Merkeregister	M 0110SM	NY-VIKING
Merkeregister	M 0111HØ	TOPAS
Merkeregister	M 0112AE	MENTEL
Merkeregister	M 0112AV	LILLE GUTT
Merkeregister	M 0112G	SAMHALD
Merkeregister	M 0113AV	ALUMINIJAN
Merkeregister	M 0114AV	HEIDI ANN
Merkeregister	M 0114H	HORISONT
Merkeregister	M 0114HØ	MARIELLE
Merkeregister	M 0114SM	HORISONT
Merkeregister	M 0115AV	ASLAK
Merkeregister	M 0115HD	NJÅRD
Merkeregister	M 0115HØ	SIWA
Merkeregister	M 0116HØ	VESTBAS
Merkeregister	M 0117HØ	SARAH
Merkeregister	M 0118HØ	FEIRVIK
Merkeregister	M 0119AE	RUSKEN
Merkeregister	M 0119HØ	NOTØYBUEN
Merkeregister	M 0120A	ANITA
Merkeregister	M 0122HØ	SJØBRIS
Merkeregister	M 0123F	MORTEN
Merkeregister	M 0123G	AVSETH FISK
Merkeregister	M 0123H	ØSTERFJORD
Merkeregister	M 0124G	TOPAS

Merkeregister	M 0124H	SEIR
Merkeregister	M 0124HØ	HÅSKJÆR
Merkeregister	M 0125H	HAVSTRAND
Merkeregister	M 0126SM	SOLO
Merkeregister	M 0127G	VALDERØY
Merkeregister	M 0127HØ	FEIRVIK
Merkeregister	M 0127SM	DUEN
Merkeregister	M 0128G	NYVOLL SENIOR
Merkeregister	M 0128HØ	MØREBAS
Merkeregister	M 0130A	FALKEN
Merkeregister	M 0130AV	HUSBY SENIOR
Merkeregister	M 0130HØ	HAVSOL
Merkeregister	M 0131AE	IMARSUND
Merkeregister	M 0131HØ	MONICA SENIOR
Merkeregister	M 0131S	STABIL
Merkeregister	M 0131SJ	MONICA SENIOR
Merkeregister	M 0134F	MARILENA MI
Merkeregister	M 0134H	RØRSTAD
Merkeregister	M 0137HØ	BRUSØY
Merkeregister	M 0138HØ	KNAUSEN
Merkeregister	M 0139A	GUNNAR LANGVA
Merkeregister	M 0139SJ	MONICA SENIOR
Merkeregister	M 0142A	NYBAKKEN
Merkeregister	M 0144SM	RAMSØYFJORD
Merkeregister	M 0147AV	LANGØYSUND
Merkeregister	M 0148HØ	CHRISANDER
Merkeregister	M 0149F	FREKØY
Merkeregister	M 0149HØ	ELLIE
Merkeregister	M 0150AE	HANS R
Merkeregister	M 0150AV	NYBØEN
Merkeregister	M 0150G	FLIPPER
Merkeregister	M 0150H	NAUSTVIK
Merkeregister	M 0150HØ	CHRISTINA E
Merkeregister	M 0150SM	FRANK
Merkeregister	M 0152AV	FRIGG
Merkeregister	M 0155AV	HANS
Merkeregister	M 0156HØ	ARITA
Merkeregister	M 0158SM	DYRNESVÅG
Merkeregister	M 0161AV	O.HUSBY
Merkeregister	M 0164A	MYREFISK
Merkeregister	M 0166SM	PRØVEN II
Merkeregister	M 0168HØ	ARCTANDRIA
Merkeregister	M 0170G	SMÅEN
Merkeregister	M 0171G	HAVSTEIN
Merkeregister	M 0174AV	PAUL SENIOR
Merkeregister	M 0176EE	RAYON
Merkeregister	M 0179F	TRYM
Merkeregister	M 0181HØ	IREN
Merkeregister	M 0182HØ	BØNES
Merkeregister	M 0183F	STEMLINGEN
Merkeregister	M 0185G	NORDØRN
Merkeregister	M 0187F	KRISTINA
Merkeregister	M 0188A	VONAR
Merkeregister	M 0188H	LIAVÅG
Merkeregister	M 0188SØ	VONAR
Merkeregister	M 0190HØ	NORDSJØBAS
Merkeregister	M 0192SØ	KATO
Merkeregister	M 0195MD	HAVSNURP

Merkeregister	M 0196AE	DUEN
Merkeregister	M 0196AV	EROS
Merkeregister	M 0196HØ	JANSON
Merkeregister	M 0200A	HAVSKJER
Merkeregister	M 0200F	DELFIN
Merkeregister	M 0200H	BELLA
Merkeregister	M 0200HØ	RANITA
Merkeregister	M 0200SM	PLUTO
Merkeregister	M 0202AV	THEA
Merkeregister	M 0202F	RANDI JUNIOR
Merkeregister	M 0203SM	GUNNHILD
Merkeregister	M 0205SM	KORALL II
Merkeregister	M 0206H	HALTENTRÅL
Merkeregister	M 0208A	DELFIN
Merkeregister	M 0208SM	NÆSSFLU
Merkeregister	M 0210HØ	HAVLEIK
Merkeregister	M 0211AE	PEDER J
Merkeregister	M 0212H	STARBEAM
Merkeregister	M 0214HØ	MULØYBUEN
Merkeregister	M 0217A	GAUGSTAD JUNIOR
Merkeregister	M 0218HØ	NORBRIS
Merkeregister	M 0218SM	FISKEBANK I
Merkeregister	M 0219G	AMANDA
Merkeregister	M 0221SM	LEON
Merkeregister	M 0232AE	SIKA
Merkeregister	M 0232HØ	FLUMA
Merkeregister	M 0248HØ	CAKO
Merkeregister	M 0249F	VITO
Merkeregister	M 0250HØ	HERØYHAV
Merkeregister	M 0260A	HAVSTÅL
Merkeregister	M 0260HØ	SILDASKJÆR
Merkeregister	M 0267F	ANNA MARIA
Merkeregister	M 0269HØ	DELFIN
Merkeregister	M 0270AV	ODDEN
Merkeregister	M 0270F	BUAODDEN
Merkeregister	M 0271AE	ALKEN
Merkeregister	M 0278SA	SJØSTJERNEN
Merkeregister	M 0285G	NORDBAS
Merkeregister	M 0286HØ	VITO
Merkeregister	M 0290AE	KONGSHOLM
Merkeregister	M 0290HØ	MASKOT
Merkeregister	M 0300HØ	REMØY
Merkeregister	M 0305SM	BRIGG
Merkeregister	M 0307AE	KVITNES
Merkeregister	M 0308SM	BJØRNSTEIN
Merkeregister	M 0313HØ	HAVØY
Merkeregister	M 0316HØ	TANGO
Merkeregister	M 0325H	HAVBRYN
Merkeregister	M 0328G	SVALEN
Merkeregister	M 0340HØ	SKAGEN
Merkeregister	M 0345A	STOREGG
Merkeregister	M 0345SM	FALKEN
Merkeregister	M 0350SM	SØRBØEN
Merkeregister	M 0359HØ	NORDØYTRÅL
Merkeregister	M 0360HØ	OLYMPIC PRAWN
Merkeregister	M 0360SM	VESTBÅEN
Merkeregister	M 0361HØ	JUVEL
Merkeregister	M 0370HØ	GLOMFJORD

Merkeregister	M 0372SM	PERLON
Merkeregister	M 0383SM	ZENITH
Merkeregister	M 0393HØ	SKOGLIGUT
Merkeregister	M 0396HØ	BØFJORD
Merkeregister	M 0400AK	O. SOLEM
Merkeregister	M 0406SM	KORALL
Merkeregister	M 0425H	STRAND SENIOR
Merkeregister	M 0494HØ	SANDER
Merkeregister	M 0515MD	NYSKJER
Merkeregister	M 0520A	HAVFISK
Merkeregister	M 0525H	FISKESKJER
Merkeregister	M 0555A	STATTEGG
Merkeregister	M 0555HØ	LEINEBRIS
Merkeregister	M 0566HØ	VESLEPER
Merkeregister	M 0620HØ	HERØY
Merkeregister	M 0625H	FISKESKJER
Merkeregister	N 0001A	MÅTIND
Merkeregister	N 0001B	NORDFISK
Merkeregister	N 0001BR	TONNY MARIE
Merkeregister	N 0001BØ	SKARHOLMEN
Merkeregister	N 0001DA	KAIA
Merkeregister	N 0001F	REAL
Merkeregister	N 0001FE	STAR
Merkeregister	N 0001G	ARNEY
Merkeregister	N 0001HM	HAMSUNDJENTA
Merkeregister	N 0001HR	CAMILLA
Merkeregister	N 0001HS	EIN
Merkeregister	N 0001L	NESØYFJORD
Merkeregister	N 0001LF	STRAUMBERG
Merkeregister	N 0001ME	STØTTFJORD
Merkeregister	N 0001NA	LINDA
Merkeregister	N 0001RT	HARALD
Merkeregister	N 0001SA	RONGØY
Merkeregister	N 0001SG	STEIGVÆRINGEN
Merkeregister	N 0001SL	SOGA VÅR
Merkeregister	N 0001SO	OLAGUTT
Merkeregister	N 0001TF	ROALD
Merkeregister	N 0001TN	HILDRINGEN
Merkeregister	N 0001V	TRESS
Merkeregister	N 0001VA	SINGSHOLM
Merkeregister	N 0001VR	RUNDFISK
Merkeregister	N 0001VV	LEIF JUNIOR
Merkeregister	N 0001Ø	RANDINE
Merkeregister	N 0002A	TRITON
Merkeregister	N 0002AH	FJORDEGG
Merkeregister	N 0002B	STORMHAV
Merkeregister	N 0002BL	LAUVGRUND
Merkeregister	N 0002BR	HEIDI
Merkeregister	N 0002BØ	UTFLÆSA
Merkeregister	N 0002DA	VIRGO
Merkeregister	N 0002F	JENNY
Merkeregister	N 0002FE	IDA
Merkeregister	N 0002G	SJØBAS
Merkeregister	N 0002HM	BRANDØYBUEN
Merkeregister	N 0002HR	LURINGEN
Merkeregister	N 0002L	TUVA
Merkeregister	N 0002ME	BJÆRANGFJORD
Merkeregister	N 0002NA	ANEMONE

Merkeregister	N 0002RA	KNERTEN
Merkeregister	N 0002SO	TOR ERLING
Merkeregister	N 0002TN	THORSHAVET
Merkeregister	N 0002TS	MARIA
Merkeregister	N 0002V	INGO
Merkeregister	N 0002VA	BUSTER
Merkeregister	N 0002VR	MARTIN-MARIE
Merkeregister	N 0002VS	PARS
Merkeregister	N 0002VV	BRANDSHOLMBØEN
Merkeregister	N 0002Ø	RAGNI
Merkeregister	N 0003A	FISKERINNEN
Merkeregister	N 0003AH	MARITHA
Merkeregister	N 0003B	CHARLOTTE
Merkeregister	N 0003BR	HURTIG
Merkeregister	N 0003BØ	ANDHOLMEN
Merkeregister	N 0003F	SIVELAND
Merkeregister	N 0003FE	ØRNA
Merkeregister	N 0003L	ELINE
Merkeregister	N 0003LF	FLOING
Merkeregister	N 0003ME	GLIMT
Merkeregister	N 0003MS	RØDHOLM
Merkeregister	N 0003N	INA II
Merkeregister	N 0003NA	BRAKAR
Merkeregister	N 0003RT	SJØDRØM
Merkeregister	N 0003SA	VÅRBRIS
Merkeregister	N 0003SG	MAYLENE KAMILLA
Merkeregister	N 0003TF	AURSØY
Merkeregister	N 0003TN	TROLLFJELL
Merkeregister	N 0003V	SOLVÆR
Merkeregister	N 0003VA	HOBBY
Merkeregister	N 0003VN	WÅGØY
Merkeregister	N 0003VR	NIKKO
Merkeregister	N 0003VV	BALLSTADØY
Merkeregister	N 0003Ø	TOR JONNY
Merkeregister	N 0004A	KARINA
Merkeregister	N 0004AH	ANITA-MARI
Merkeregister	N 0004B	STORBØEN
Merkeregister	N 0004BR	ODIN-SENIOR
Merkeregister	N 0004BØ	BØBAS
Merkeregister	N 0004DA	RAPTUS
Merkeregister	N 0004F	GERHARD JAKOBSEN
Merkeregister	N 0004G	EVA MARIE
Merkeregister	N 0004H	DELFIN
Merkeregister	N 0004HM	STRAUMBØEN
Merkeregister	N 0004L	STORØY
Merkeregister	N 0004LF	LYKKEN
Merkeregister	N 0004LN	BAMSE
Merkeregister	N 0004MS	KIM ROGER
Merkeregister	N 0004N	UTHEIM
Merkeregister	N 0004RT	TERJE ROAR
Merkeregister	N 0004SA	SJØFUGLEN
Merkeregister	N 0004SF	TORSKEN
Merkeregister	N 0004SG	SKREIEN
Merkeregister	N 0004SO	ROALD SENIOR
Merkeregister	N 0004TF	HAUKØYFJORD
Merkeregister	N 0004V	UNNI M
Merkeregister	N 0004VA	JØRN
Merkeregister	N 0004VN	RØY

Merkeregister	N 0004VV	IDA
Merkeregister	N 0004Ø	KLOTIND
Merkeregister	N 0005A	PRØVEN
Merkeregister	N 0005AH	CINITA
Merkeregister	N 0005B	SILJA
Merkeregister	N 0005BG	SKARSTADVÆRING
Merkeregister	N 0005BØ	NORBUEN
Merkeregister	N 0005F	HARENGUS
Merkeregister	N 0005H	SVALEN
Merkeregister	N 0005HR	ESBEN ANDERS
Merkeregister	N 0005L	DENNIS OLAI
Merkeregister	N 0005LF	RANDI ELISE
Merkeregister	N 0005LN	CATO
Merkeregister	N 0005ME	BARSTIND
Merkeregister	N 0005MS	CHRISTOFFER
Merkeregister	N 0005R	MATHIAS
Merkeregister	N 0005RA	SJONABUEN
Merkeregister	N 0005RT	ROSØY II
Merkeregister	N 0005SA	TJØNNØYFISK
Merkeregister	N 0005SF	NYVOLL
Merkeregister	N 0005SG	HAVSULA
Merkeregister	N 0005SL	WESTERN
Merkeregister	N 0005SO	LANGØY (UTGÅTT)
Merkeregister	N 0005TN	TRÆNHAVET
Merkeregister	N 0005V	SEBASTIAN
Merkeregister	N 0005VA	ENGELSØY
Merkeregister	N 0005VN	FANDANGO
Merkeregister	N 0005VV	SVANA
Merkeregister	N 0005Ø	SOLVÆRSKJÆR
Merkeregister	N 0006A	FRANKEN
Merkeregister	N 0006AH	HAMNØY
Merkeregister	N 0006B	VESTFISK
Merkeregister	N 0006BR	LYNGVÆR
Merkeregister	N 0006DA	BØLGEN
Merkeregister	N 0006F	LENA-BEATE
Merkeregister	N 0006FE	MARTINE
Merkeregister	N 0006G	DEMRING
Merkeregister	N 0006H	RØSNESVÅG
Merkeregister	N 0006HM	BREMHOLMEN
Merkeregister	N 0006L	ALDRA
Merkeregister	N 0006LF	TRITON
Merkeregister	N 0006LN	LYKKEN
Merkeregister	N 0006ME	CAMILLA
Merkeregister	N 0006MS	BØRINGEN
Merkeregister	N 0006NA	FLO
Merkeregister	N 0006R	KAROLINE
Merkeregister	N 0006RT	ALF-JENS
Merkeregister	N 0006SA	LYKKEBUEN
Merkeregister	N 0006SF	FRØKNA
Merkeregister	N 0006SG	HAVBRIS
Merkeregister	N 0006SO	HAVSULA
Merkeregister	N 0006TN	SJØLIV
Merkeregister	N 0006V	SOFIE
Merkeregister	N 0006VA	KJELLØY
Merkeregister	N 0006VN	LEDØY
Merkeregister	N 0006VV	NYSOL
Merkeregister	N 0006Ø	LUND SENIOR
Merkeregister	N 0007A	JAN OSKAR

Merkeregister	N 0007AH	BOYSEN
Merkeregister	N 0007B	HAVLEIK
Merkeregister	N 0007BL	TOOTSIE
Merkeregister	N 0007BR	ØYVÆRING
Merkeregister	N 0007BØ	VIKANØY
Merkeregister	N 0007F	TAMARA
Merkeregister	N 0007G	HAVTOR
Merkeregister	N 0007HM	LARSEN JUNIOR
Merkeregister	N 0007HR	SNUPPI
Merkeregister	N 0007L	BREMNES
Merkeregister	N 0007LF	HARALD
Merkeregister	N 0007LN	IDA
Merkeregister	N 0007MS	JOHANNE
Merkeregister	N 0007N	SAGA
Merkeregister	N 0007R	TERNA
Merkeregister	N 0007RT	CELINA
Merkeregister	N 0007SA	TORGBUEN
Merkeregister	N 0007SF	TENNSKJÆR
Merkeregister	N 0007SG	FJORDBRIS
Merkeregister	N 0007SO	GRO-HEIDI
Merkeregister	N 0007TF	SMÅEN
Merkeregister	N 0007TN	BJØRN-IVAR
Merkeregister	N 0007V	ØYNES
Merkeregister	N 0007VA	TOMMY ANDRE
Merkeregister	N 0007VN	KRISTIN
Merkeregister	N 0007VR	SØRHOLMEN
Merkeregister	N 0007VV	K.ARCTANDER
Merkeregister	N 0007Ø	RØSTAD
Merkeregister	N 0008A	MJÅSUND
Merkeregister	N 0008AH	SVINØY
Merkeregister	N 0008B	MEHOLMEN
Merkeregister	N 0008BL	PELLE
Merkeregister	N 0008BR	SATURN
Merkeregister	N 0008BØ	SANDRA
Merkeregister	N 0008DA	SANDRA
Merkeregister	N 0008F	ODDGEIR
Merkeregister	N 0008FE	KARINA
Merkeregister	N 0008H	BRATTHOLMEN
Merkeregister	N 0008HM	SKARVEN
Merkeregister	N 0008HR	HAVDUR
Merkeregister	N 0008L	EMBLA
Merkeregister	N 0008MS	IDA
Merkeregister	N 0008N	VARGEN
Merkeregister	N 0008NA	ANNE VICTORIA
Merkeregister	N 0008R	STIG
Merkeregister	N 0008RA	HAVBRIS
Merkeregister	N 0008RT	RØSTBANKEN VEST
Merkeregister	N 0008SA	TORGBUEN
Merkeregister	N 0008SG	THOMAS
Merkeregister	N 0008SO	RYPA
Merkeregister	N 0008TN	UTVÆR
Merkeregister	N 0008V	JUNGMANN
Merkeregister	N 0008VA	VALLSJØ
Merkeregister	N 0008VN	NORDSTADBUEN
Merkeregister	N 0008VR	MIDNATSOL
Merkeregister	N 0008VS	INNVÆR
Merkeregister	N 0008VV	STORHOLM
Merkeregister	N 0009A	PONTOS

Merkeregister	N 0009AH	ØRNØY
Merkeregister	N 0009B	HAVDUR
Merkeregister	N 0009BG	FJORDGUTT
Merkeregister	N 0009BØ	HAVBRYN
Merkeregister	N 0009DA	ANNA LOVISE
Merkeregister	N 0009F	VIBEKE CATHRIN
Merkeregister	N 0009FE	KRISTIN-ANITA
Merkeregister	N 0009H	SPITSBERGEN
Merkeregister	N 0009HM	FINNØYBUEN
Merkeregister	N 0009HR	ARTHURSON
Merkeregister	N 0009L	ANDFJELL II
Merkeregister	N 0009ME	JULIE M
Merkeregister	N 0009MS	LISSI
Merkeregister	N 0009RT	STORTINN JR
Merkeregister	N 0009SA	TORGNES
Merkeregister	N 0009SF	START
Merkeregister	N 0009SG	GAUTE
Merkeregister	N 0009V	SOFIE
Merkeregister	N 0009VA	KATHARINA
Merkeregister	N 0009VN	ANITA
Merkeregister	N 0009VV	POLARIS
Merkeregister	N 0010A	BØRHELLA
Merkeregister	N 0010AH	KARINA
Merkeregister	N 0010BR	FLUA
Merkeregister	N 0010BØ	BØRØY II
Merkeregister	N 0010DA	SØRVIKING
Merkeregister	N 0010F	VIKBERG
Merkeregister	N 0010G	MARIT
Merkeregister	N 0010H	HAVTIND
Merkeregister	N 0010HR	NYHAV
Merkeregister	N 0010L	GERD JORID
Merkeregister	N 0010ME	BOLGA
Merkeregister	N 0010MS	ROALDSEN JUNIOR
Merkeregister	N 0010NA	FLUA
Merkeregister	N 0010R	MARIUS
Merkeregister	N 0010RT	SJØSTJERNA
Merkeregister	N 0010SA	MARIA
Merkeregister	N 0010SO	VESTERNES
Merkeregister	N 0010TF	VÅGLAKS
Merkeregister	N 0010TN	HAVELLA
Merkeregister	N 0010TS	SYNØY
Merkeregister	N 0010V	BOY-ANGEL
Merkeregister	N 0010VN	STORMGUTT
Merkeregister	N 0010VR	MÅTIND
Merkeregister	N 0010VV	NYBAKK SENIOR
Merkeregister	N 0010Ø	ANDREAS
Merkeregister	N 0011A	TONJE
Merkeregister	N 0011AH	SKAGØY
Merkeregister	N 0011B	LILLE BREIVIKBUEN
Merkeregister	N 0011BR	ABBELUNA
Merkeregister	N 0011DA	AGNETHA
Merkeregister	N 0011F	MAGNUS
Merkeregister	N 0011G	SØRFJORD
Merkeregister	N 0011H	JOHN SVERRE
Merkeregister	N 0011HR	ANNE-IDA
Merkeregister	N 0011L	LINAS
Merkeregister	N 0011MS	FJORDFISK
Merkeregister	N 0011N	ANN HELEN

Merkeregister	N 0011R	RUBIN
Merkeregister	N 0011RT	JUNIOR
Merkeregister	N 0011SA	DARJA
Merkeregister	N 0011SG	FREYA
Merkeregister	N 0011SO	SJØLIV
Merkeregister	N 0011V	TONE
Merkeregister	N 0011VN	ØYVÆRING
Merkeregister	N 0011VR	HÅREK
Merkeregister	N 0011VV	STAMSUND
Merkeregister	N 0011Ø	VÅRHEIM
Merkeregister	N 0012A	EMBLA
Merkeregister	N 0012AH	KARL EMIL
Merkeregister	N 0012B	LYNGØY
Merkeregister	N 0012BØ	GLIMØY
Merkeregister	N 0012F	FIA
Merkeregister	N 0012H	SANDNESJENTA
Merkeregister	N 0012LN	BØEN
Merkeregister	N 0012ME	PERNILLE
Merkeregister	N 0012MS	DYPFJORD
Merkeregister	N 0012R	IVAR JUNIOR
Merkeregister	N 0012RT	TRØAN
Merkeregister	N 0012SF	MELITA
Merkeregister	N 0012SG	TOR HUGO
Merkeregister	N 0012SO	NATTSEILEREN
Merkeregister	N 0012TN	LEISKJÆR
Merkeregister	N 0012V	KAMILLA
Merkeregister	N 0012VR	CELINE
Merkeregister	N 0012VV	STRANDFLÆSA
Merkeregister	N 0012Ø	ØYTIND
Merkeregister	N 0013A	KIKKI
Merkeregister	N 0013DA	BUNESJENTA
Merkeregister	N 0013F	NESHEIM
Merkeregister	N 0013G	HAVSKØY I
Merkeregister	N 0013H	MARTHE
Merkeregister	N 0013HM	JIM BEAM
Merkeregister	N 0013ME	JOHN-IVAR
Merkeregister	N 0013MS	BUNES
Merkeregister	N 0013R	ISAK OLAI
Merkeregister	N 0013RT	RUNA ALICE
Merkeregister	N 0013SG	MONSBØEN
Merkeregister	N 0013SO	HAVSKØY 2
Merkeregister	N 0013V	PETRA
Merkeregister	N 0013VV	FJORDBØEN
Merkeregister	N 0014A	KLÆVTIND I
Merkeregister	N 0014AH	LISØY
Merkeregister	N 0014B	SMÅTTEN
Merkeregister	N 0014BØ	ELIAS (UTGÅTT)
Merkeregister	N 0014DA	BÅREGUTT
Merkeregister	N 0014HR	KVIKKEN
Merkeregister	N 0014L	KVITING
Merkeregister	N 0014MS	HELLVÅG
Merkeregister	N 0014RT	STAMNESVÆRING
Merkeregister	N 0014SG	SPANTA
Merkeregister	N 0014TN	NIMBUS
Merkeregister	N 0014V	SJARKEN JUNIOR
Merkeregister	N 0014VA	REMY
Merkeregister	N 0014VR	RONGØY
Merkeregister	N 0014VV	LONGYEAR

Merkeregister	N 0014Ø	SKOGSØY
Merkeregister	N 0015A	MÅTIND
Merkeregister	N 0015AH	TOLAND
Merkeregister	N 0015B	SIRENE
Merkeregister	N 0015BR	HAVPIL
Merkeregister	N 0015BØ	TUSSBØEN
Merkeregister	N 0015F	MAY
Merkeregister	N 0015G	ISELIN
Merkeregister	N 0015HM	IDA ANGELICA
Merkeregister	N 0015HR	SPANSHOLMEN
Merkeregister	N 0015L	SUKANYA
Merkeregister	N 0015MS	MOT
Merkeregister	N 0015R	GANNFLÆSA
Merkeregister	N 0015RT	NYSTRAND
Merkeregister	N 0015V	GAUTIND
Merkeregister	N 0015VA	SJÅVIKBUEN
Merkeregister	N 0015VV	JANNE
Merkeregister	N 0015Ø	VERONICA
Merkeregister	N 0016A	TOBIAS
Merkeregister	N 0016AH	HØLAGUTT
Merkeregister	N 0016B	NYTIND
Merkeregister	N 0016BL	KJELLA FISK
Merkeregister	N 0016BR	FARFAR
Merkeregister	N 0016F	ØYGUTT
Merkeregister	N 0016H	HAVFRUEN II
Merkeregister	N 0016HR	RINGØY
Merkeregister	N 0016L	STRAUMEN
Merkeregister	N 0016ME	POLARHAV
Merkeregister	N 0016NA	ALSØYJENTA
Merkeregister	N 0016R	SØRVÅGSUND
Merkeregister	N 0016RT	RUNA ALICE
Merkeregister	N 0016SG	HAMNVIK
Merkeregister	N 0016SO	IDUN
Merkeregister	N 0016V	SULØY
Merkeregister	N 0016VR	KRISTIAN MICHEL
Merkeregister	N 0016VV	ALIDA
Merkeregister	N 0016Ø	TUVA
Merkeregister	N 0017A	LARSEN SENIOR
Merkeregister	N 0017AH	DØNNLAND
Merkeregister	N 0017B	PIONER
Merkeregister	N 0017BØ	JENNHOLMEN
Merkeregister	N 0017DA	MINA MARIE
Merkeregister	N 0017F	HALVARDGUTT
Merkeregister	N 0017H	STAPMETT
Merkeregister	N 0017HM	DRONNINGA
Merkeregister	N 0017HR	FØYKEN
Merkeregister	N 0017L	STRAUMEN
Merkeregister	N 0017ME	HELLØY
Merkeregister	N 0017MS	NICHOLAS
Merkeregister	N 0017R	SKÅRUNGEN
Merkeregister	N 0017RT	FLINK
Merkeregister	N 0017SG	BEATE
Merkeregister	N 0017TN	JULIAN
Merkeregister	N 0017V	LINN S
Merkeregister	N 0017VR	LARSEN SENIOR
Merkeregister	N 0017VV	REINEVÆRING
Merkeregister	N 0017Ø	BØFJORD
Merkeregister	N 0018A	BLEIKSØY

Merkeregister	N 0018AH	BOLERO
Merkeregister	N 0018B	NORDSTJERNEN
Merkeregister	N 0018BL	RIKO
Merkeregister	N 0018BR	BELLA
Merkeregister	N 0018DA	HØLABUEN
Merkeregister	N 0018F	OCEAN
Merkeregister	N 0018FE	KRISTINA
Merkeregister	N 0018HR	FLIPPER
Merkeregister	N 0018L	RISØYFJORD II
Merkeregister	N 0018LN	RINØY
Merkeregister	N 0018ME	VARANGERJENTA
Merkeregister	N 0018MS	KARI ANNE
Merkeregister	N 0018RT	GULLSKÅLA
Merkeregister	N 0018SG	ANETTE
Merkeregister	N 0018SO	TORA B
Merkeregister	N 0018TN	BOYSEN
Merkeregister	N 0018V	OLE EINAR
Merkeregister	N 0018VA	KIRKØYBUEN
Merkeregister	N 0018VS	FLIPPER 2
Merkeregister	N 0018VV	MARTHE
Merkeregister	N 0018Ø	TOBIAS R
Merkeregister	N 0019A	DANIEL-ANDRE
Merkeregister	N 0019AH	SIRIANNA
Merkeregister	N 0019B	MICHELLE
Merkeregister	N 0019BR	EIVIND
Merkeregister	N 0019BØ	TÅA
Merkeregister	N 0019F	VÅRSTEV
Merkeregister	N 0019G	JAKOBSSON
Merkeregister	N 0019HM	TONE
Merkeregister	N 0019HR	MONIKA
Merkeregister	N 0019L	ORION
Merkeregister	N 0019LN	HAVSULA
Merkeregister	N 0019ME	AMIGO
Merkeregister	N 0019MS	ANNA-SOFIE
Merkeregister	N 0019R	SOLBRIS
Merkeregister	N 0019RT	HAVSULA VEST
Merkeregister	N 0019SG	VERSLA
Merkeregister	N 0019SO	JENSNES
Merkeregister	N 0019TN	BLÅMYRA
Merkeregister	N 0019V	TONE
Merkeregister	N 0019VS	KEN-ELIN
Merkeregister	N 0019VV	AQUILLA
Merkeregister	N 0019Ø	SEGLVIK
Merkeregister	N 0020A	TRONDGRUND
Merkeregister	N 0020AH	BOLERO
Merkeregister	N 0020BR	BESTEFAR
Merkeregister	N 0020F	SIRIUS
Merkeregister	N 0020G	FLEINBUEN
Merkeregister	N 0020HM	ØYGUTT
Merkeregister	N 0020L	NARGTIND
Merkeregister	N 0020ME	LENE
Merkeregister	N 0020MS	BERNT OSKAR
Merkeregister	N 0020R	SPUTNICK
Merkeregister	N 0020RT	STAMNESVÆRING
Merkeregister	N 0020SO	OCEAN
Merkeregister	N 0020TN	IDA KONTANSE
Merkeregister	N 0020V	SOLVÆR
Merkeregister	N 0020VV	LOFOTHAV I

Merkeregister	N 0020Ø	SJØTIND
Merkeregister	N 0021A	VESTPYNT
Merkeregister	N 0021B	SOLBRIS
Merkeregister	N 0021BL	HANS-ERIK
Merkeregister	N 0021BR	MASTER
Merkeregister	N 0021BØ	KRASEN
Merkeregister	N 0021F	MÅKENES
Merkeregister	N 0021G	DEMRING
Merkeregister	N 0021H	HANNE
Merkeregister	N 0021L	DAGMAR JANSVIK
Merkeregister	N 0021ME	LYNGØY
Merkeregister	N 0021MS	RAINER (UTGÅTT)
Merkeregister	N 0021R	KVALVIK
Merkeregister	N 0021RT	KAIA CICILIE
Merkeregister	N 0021SG	MÅKØY
Merkeregister	N 0021SO	MARIUS
Merkeregister	N 0021Ø	NORDBØEN
Merkeregister	N 0022A	AINNESJENTA
Merkeregister	N 0022AH	SJØBLOMSTEN
Merkeregister	N 0022B	FJORDFANGST
Merkeregister	N 0022BR	NATALIE
Merkeregister	N 0022BØ	KRUSHOLMEN
Merkeregister	N 0022DA	LILLEGUTT
Merkeregister	N 0022F	VALKYRIEN
Merkeregister	N 0022G	OLASKJÆR
Merkeregister	N 0022L	JOHANSEN SENIOR
Merkeregister	N 0022LN	GÂNASVUOTNA
Merkeregister	N 0022ME	LENA
Merkeregister	N 0022MS	ANNE-METTE
Merkeregister	N 0022RT	PØBEL
Merkeregister	N 0022SA	LYKKEN
Merkeregister	N 0022SO	LIV ODDNY
Merkeregister	N 0022TF	SEKA
Merkeregister	N 0022VR	KILVÆRFJORD
Merkeregister	N 0022VV	UREGUTT
Merkeregister	N 0022Ø	RØSTAD
Merkeregister	N 0023A	SJØSTJERNA
Merkeregister	N 0023B	ROCKHOPPER
Merkeregister	N 0023BR	MUDDVÆRING
Merkeregister	N 0023F	GJØA
Merkeregister	N 0023G	ORION
Merkeregister	N 0023H	MONICA
Merkeregister	N 0023HR	INGMUNDSON
Merkeregister	N 0023L	ØYGUTT
Merkeregister	N 0023LF	KENT-RUNE
Merkeregister	N 0023LN	LODEK
Merkeregister	N 0023ME	SEKA
Merkeregister	N 0023MS	BRIS
Merkeregister	N 0023R	SVEBØEN
Merkeregister	N 0023RT	BUVÆR
Merkeregister	N 0023SG	POSEIDON
Merkeregister	N 0023SO	ERLAN
Merkeregister	N 0023V	ELISE
Merkeregister	N 0023VV	EGGLAND
Merkeregister	N 0023Ø	RØSTAD
Merkeregister	N 0024A	ANNA
Merkeregister	N 0024B	KAI OVE
Merkeregister	N 0024BR	LISA BELL

Merkeregister	N 0024DA	ØYNES
Merkeregister	N 0024F	SKARVHOLMEN
Merkeregister	N 0024H	OLE HARTVIG
Merkeregister	N 0024HR	EDITH HELENE
Merkeregister	N 0024L	ØYAN
Merkeregister	N 0024LF	KLUBBEN
Merkeregister	N 0024ME	SELVÅG SENIOR
Merkeregister	N 0024R	STORMSUND
Merkeregister	N 0024RT	VYTIS
Merkeregister	N 0024SG	JAKKO
Merkeregister	N 0024TF	HAUKØY
Merkeregister	N 0024V	MIA MALEN
Merkeregister	N 0024VV	BØLE
Merkeregister	N 0024Ø	MARLENE
Merkeregister	N 0025A	FRED-HUGO
Merkeregister	N 0025B	URHOLM
Merkeregister	N 0025BR	WEST COAST 1
Merkeregister	N 0025BØ	HEBE
Merkeregister	N 0025DA	JULIUS
Merkeregister	N 0025F	SNOP
Merkeregister	N 0025G	HAVBRYN
Merkeregister	N 0025H	BERDINE
Merkeregister	N 0025HM	SUKANYA
Merkeregister	N 0025L	MUSTANG
Merkeregister	N 0025ME	EINAR ERLEND
Merkeregister	N 0025R	ROSØY
Merkeregister	N 0025RT	HELLSKJÆR
Merkeregister	N 0025SO	THERESE
Merkeregister	N 0025TN	HILDE HELENE
Merkeregister	N 0025V	KNUT P
Merkeregister	N 0025VA	KVITHOLMEN
Merkeregister	N 0025VS	TEISTEN
Merkeregister	N 0025VV	SKOLMEN
Merkeregister	N 0025Ø	HAVBAS
Merkeregister	N 0026A	KLÆVTIND
Merkeregister	N 0026AH	ÅKERØYVÆRING
Merkeregister	N 0026B	KORVETT
Merkeregister	N 0026BR	BRØNNØYVÆRING
Merkeregister	N 0026BØ	RØSTVÆR
Merkeregister	N 0026F	VAARSOL
Merkeregister	N 0026LN	BRATTLAND
Merkeregister	N 0026MS	MAY
Merkeregister	N 0026R	THETIS
Merkeregister	N 0026RT	SPURVEN
Merkeregister	N 0026SA	MARINAT
Merkeregister	N 0026V	TERNINGEN
Merkeregister	N 0026VA	SIGNAL
Merkeregister	N 0026VV	VIKSTJERNA
Merkeregister	N 0026Ø	BUKSNESFJORD
Merkeregister	N 0027A	GRO-HEIDI
Merkeregister	N 0027AH	ANNE-MARIE
Merkeregister	N 0027B	SANDØY
Merkeregister	N 0027BØ	BØFJÆRING
Merkeregister	N 0027DA	ELLA OLINE
Merkeregister	N 0027F	LAKSEN
Merkeregister	N 0027L	FRISCO
Merkeregister	N 0027ME	AGNETE
Merkeregister	N 0027MS	SVABERG

Merkeregister	N 0027R	NESØYFISK
Merkeregister	N 0027RT	STAVØY
Merkeregister	N 0027SF	MARIA
Merkeregister	N 0027SG	VENUS
Merkeregister	N 0027SO	KRISTINE
Merkeregister	N 0027V	EDMONSON
Merkeregister	N 0027VR	RONNY
Merkeregister	N 0027VV	NY-GLIMT
Merkeregister	N 0027Ø	MORGENSTJERNE
Merkeregister	N 0028A	MANI
Merkeregister	N 0028AH	URTIND
Merkeregister	N 0028B	WANJA
Merkeregister	N 0028BR	PLUTO
Merkeregister	N 0028BØ	KIMA
Merkeregister	N 0028DA	TANJA KARIN
Merkeregister	N 0028F	THAIFISK
Merkeregister	N 0028G	JOHANNE
Merkeregister	N 0028HM	NORDLYS
Merkeregister	N 0028L	NATALIE
Merkeregister	N 0028ME	VANGSBUEN
Merkeregister	N 0028MS	SVENSKJENTA
Merkeregister	N 0028R	ANNABEL
Merkeregister	N 0028RT	FALCON
Merkeregister	N 0028SG	RAYWAN
Merkeregister	N 0028SO	VIKANFJORD
Merkeregister	N 0028TN	TRÆNAGUTT
Merkeregister	N 0028VV	BALLSTADJENTA
Merkeregister	N 0028Ø	EMIL LEANDER
Merkeregister	N 0029A	EMMA
Merkeregister	N 0029AH	FJORDVÅG
Merkeregister	N 0029B	BØAN
Merkeregister	N 0029BR	DAG-MONA
Merkeregister	N 0029F	SOLSKJÆR
Merkeregister	N 0029HM	SPENNING
Merkeregister	N 0029L	OPTIMIST
Merkeregister	N 0029LN	ÅTA
Merkeregister	N 0029ME	KAMERATEN
Merkeregister	N 0029MS	KRANSVIK JUNIOR
Merkeregister	N 0029R	POLARVIND
Merkeregister	N 0029SF	FOLDBUEN
Merkeregister	N 0029SG	FOLDBUEN
Merkeregister	N 0029TN	NATALIE
Merkeregister	N 0029TS	SONJA ELISABETH
Merkeregister	N 0029V	HORNSUND
Merkeregister	N 0029VR	TORE GØRAN
Merkeregister	N 0029VV	BUKSNESFJORD
Merkeregister	N 0029Ø	SYNNE I
Merkeregister	N 0030A	ANDØYFISK
Merkeregister	N 0030B	BOFFEN
Merkeregister	N 0030BR	BESTEFAR
Merkeregister	N 0030BØ	BØBAS
Merkeregister	N 0030DA	ÅKERSKJÆR
Merkeregister	N 0030F	SANDNESGUTT
Merkeregister	N 0030G	GUDBJØRG
Merkeregister	N 0030H	VESTTIND
Merkeregister	N 0030HM	ØYVÆRING
Merkeregister	N 0030HR	FRYDHOLMEN
Merkeregister	N 0030L	NARGTIND

Merkeregister	N 0030ME	SMARAGD
Merkeregister	N 0030MS	MAY
Merkeregister	N 0030R	RØDØYVÆRING
Merkeregister	N 0030RT	HAVHESTEN
Merkeregister	N 0030SO	MATHEUS
Merkeregister	N 0030V	HAVPRYD
Merkeregister	N 0030VV	ÆRLENG
Merkeregister	N 0030Ø	SOMMARØY
Merkeregister	N 0031A	MJØLNER
Merkeregister	N 0031B	RØSTHAVET
Merkeregister	N 0031BR	VIKING
Merkeregister	N 0031BØ	EKKO
Merkeregister	N 0031F	VEINES
Merkeregister	N 0031L	SILJE
Merkeregister	N 0031ME	LYSVOLD JR
Merkeregister	N 0031MS	TORILD
Merkeregister	N 0031R	MARITA
Merkeregister	N 0031TN	TRÆLBØEN
Merkeregister	N 0031V	VÅGØYSKJÆR
Merkeregister	N 0031VR	HAVGLØTT
Merkeregister	N 0031VV	ALEXANDRA
Merkeregister	N 0031Ø	GÅSØY
Merkeregister	N 0032B	MARGRUNN
Merkeregister	N 0032BØ	ÅSAN
Merkeregister	N 0032DA	ØYVÅGEN
Merkeregister	N 0032F	RØRVIK
Merkeregister	N 0032G	JANNE
Merkeregister	N 0032ME	JAKOB
Merkeregister	N 0032MS	MAJA
Merkeregister	N 0032R	DIANA
Merkeregister	N 0032RT	NORLENNING
Merkeregister	N 0032V	IVERSEN JUNIOR
Merkeregister	N 0032VV	BRUTUS
Merkeregister	N 0032Ø	OLAFUR
Merkeregister	N 0033A	ALF MARTIN
Merkeregister	N 0033B	HERR OLSEN
Merkeregister	N 0033BR	AMUNDSEN
Merkeregister	N 0033BØ	KIM-ANDRE
Merkeregister	N 0033DA	KINE JOHANNE
Merkeregister	N 0033F	STJERNTIND
Merkeregister	N 0033L	MARKUS
Merkeregister	N 0033ME	INGER ELISE
Merkeregister	N 0033RT	HARDHAUS
Merkeregister	N 0033SG	TOBAC
Merkeregister	N 0033V	TORJE II
Merkeregister	N 0033VR	TRUDE
Merkeregister	N 0033VV	RANDI-ANITA
Merkeregister	N 0033Ø	KRILEN
Merkeregister	N 0034A	TROLLTIND
Merkeregister	N 0034AH	FRØGRUNN
Merkeregister	N 0034BR	RUTH
Merkeregister	N 0034BØ	RUNA
Merkeregister	N 0034F	BRATTHOLMEN
Merkeregister	N 0034H	SVANEN
Merkeregister	N 0034HM	UTVÆR
Merkeregister	N 0034ME	ØYFISK
Merkeregister	N 0034MS	DAG VIGGO
Merkeregister	N 0034R	ÆRFUGLEN

Merkeregister	N 0034RT	PASAT
Merkeregister	N 0034SO	DAG VIGGO
Merkeregister	N 0034V	ALINE
Merkeregister	N 0034VA	ØYVÆRING
Merkeregister	N 0034VR	HILDE
Merkeregister	N 0034VS	THEA KRISTINA
Merkeregister	N 0034VV	KYSTBAS
Merkeregister	N 0034Ø	HILDE
Merkeregister	N 0035A	MILIAN
Merkeregister	N 0035AH	ANN-RITA
Merkeregister	N 0035BR	FJORDFISK
Merkeregister	N 0035G	SANDSØY
Merkeregister	N 0035L	BALDUSKA
Merkeregister	N 0035ME	CATHRINE
Merkeregister	N 0035MS	ØYVÆR
Merkeregister	N 0035RT	VERONICA
Merkeregister	N 0035SF	ANNE-GRETHE
Merkeregister	N 0035SG	ENGELØYVÆRING
Merkeregister	N 0035SO	RADI
Merkeregister	N 0035V	MATHILDE
Merkeregister	N 0035VV	GRUNNBØEN
Merkeregister	N 0035Ø	MARNA
Merkeregister	N 0036A	JOHNNY DAG
Merkeregister	N 0036B	MACH I
Merkeregister	N 0036BR	LANGNES JR
Merkeregister	N 0036F	STRANDVÆRING
Merkeregister	N 0036G	STIG TOMMY
Merkeregister	N 0036L	VIVI
Merkeregister	N 0036ME	LINDA
Merkeregister	N 0036MS	BRATTHOLMEN
Merkeregister	N 0036RT	MIKAEL
Merkeregister	N 0036SG	OLAGUT
Merkeregister	N 0036SO	MONICA SENIOR
Merkeregister	N 0036TN	HAVFRUA
Merkeregister	N 0036V	ANNE MARIE
Merkeregister	N 0036VR	JUNO
Merkeregister	N 0036VV	BØRRESEN JR
Merkeregister	N 0036Ø	VÅGEN
Merkeregister	N 0037A	MARIT S
Merkeregister	N 0037B	TELAVÅG
Merkeregister	N 0037BR	FREDSBUEN
Merkeregister	N 0037BØ	NORDGRUNN
Merkeregister	N 0037DA	JIM ROGER
Merkeregister	N 0037F	KRABBEN
Merkeregister	N 0037HR	ISABELL
Merkeregister	N 0037LN	NYVON
Merkeregister	N 0037ME	HAVULKEN
Merkeregister	N 0037MS	EVRO
Merkeregister	N 0037RT	STEIN-TERJE
Merkeregister	N 0037SG	LOMWI
Merkeregister	N 0037TF	UNNI
Merkeregister	N 0037TN	HAVFLORA
Merkeregister	N 0037V	KARL-VIKTOR
Merkeregister	N 0037VA	LISØYSUND
Merkeregister	N 0037VR	BUHOLMEN
Merkeregister	N 0037VV	DYNSKJÆR
Merkeregister	N 0037Ø	KRAKNES
Merkeregister	N 0038BL	ANNE

Merkeregister	N 0038BR	TORSKEN
Merkeregister	N 0038DA	JON-VIKTOR
Merkeregister	N 0038F	ODD-ARVID
Merkeregister	N 0038G	ANNE
Merkeregister	N 0038H	BENEDICTE
Merkeregister	N 0038ME	BAS
Merkeregister	N 0038RT	CONQUEST
Merkeregister	N 0038SG	LOMWI
Merkeregister	N 0038SO	ARIEL
Merkeregister	N 0038V	VITO
Merkeregister	N 0038VR	LEISKJÆR
Merkeregister	N 0038VV	JØRGEN ANDRE
Merkeregister	N 0038Ø	SJARKE
Merkeregister	N 0039B	TAIFUN
Merkeregister	N 0039BØ	ÅSANØY
Merkeregister	N 0039F	SJØNAPP
Merkeregister	N 0039H	MAJA
Merkeregister	N 0039L	FINN-ERIK
Merkeregister	N 0039ME	STING
Merkeregister	N 0039MS	HARDHAUS
Merkeregister	N 0039RT	STEINBITEN
Merkeregister	N 0039SO	ANNIE
Merkeregister	N 0039V	ØIEN
Merkeregister	N 0039VV	MARIETA
Merkeregister	N 0039Ø	SVERRE ANDRE
Merkeregister	N 0040A	STEFFEN
Merkeregister	N 0040B	KRISTIN-ANITA
Merkeregister	N 0040BR	SALHUSVÆRING
Merkeregister	N 0040BØ	EVA SOFIE
Merkeregister	N 0040F	NORDTINN
Merkeregister	N 0040H	TERNA
Merkeregister	N 0040HR	HUSVÆRSUND
Merkeregister	N 0040ME	MELØYSUND JR
Merkeregister	N 0040R	SØRVIK
Merkeregister	N 0040RT	INGRID
Merkeregister	N 0040SO	SKAVIK
Merkeregister	N 0040V	SANDER
Merkeregister	N 0040VA	KILVÆRFJORD
Merkeregister	N 0040VV	MATHEA
Merkeregister	N 0040Ø	RANTON
Merkeregister	N 0041B	LOGGEN
Merkeregister	N 0041BØ	BITTE
Merkeregister	N 0041F	OLIVER
Merkeregister	N 0041H	MONTY
Merkeregister	N 0041HM	LOGGEN
Merkeregister	N 0041L	KLEPPABAS
Merkeregister	N 0041R	STORM
Merkeregister	N 0041RT	ROSØY
Merkeregister	N 0041SO	RISEFISK
Merkeregister	N 0041TN	ORION
Merkeregister	N 0041V	PILEN
Merkeregister	N 0041VV	THEA
Merkeregister	N 0041Ø	FLID
Merkeregister	N 0042B	KRISTIN-ANITA
Merkeregister	N 0042BØ	DYPINGEN
Merkeregister	N 0042F	VIKTORIA
Merkeregister	N 0042G	KORAL
Merkeregister	N 0042LN	STIG JUNIOR

Merkeregister	N 0042ME	LADY
Merkeregister	N 0042RT	KAROLIUSSEN
Merkeregister	N 0042SA	NORBAS
Merkeregister	N 0042SG	GENERAL
Merkeregister	N 0042SO	TERESA
Merkeregister	N 0042V	RYSTADVÆRING
Merkeregister	N 0042VR	ØYNES
Merkeregister	N 0042VV	VÅRSOL
Merkeregister	N 0042Ø	BASSE
Merkeregister	N 0043B	WÅGØY JR.
Merkeregister	N 0043BØ	VITO
Merkeregister	N 0043F	ELIDA
Merkeregister	N 0043H	SELMA
Merkeregister	N 0043MS	MARIANNE
Merkeregister	N 0043RT	MARINA
Merkeregister	N 0043TN	SANNAGUTT
Merkeregister	N 0043V	SKARVEN
Merkeregister	N 0043VV	KROGH SENIOR
Merkeregister	N 0043Ø	GUNNAR
Merkeregister	N 0044A	HAVBRÅTT I
Merkeregister	N 0044B	SJØBRIS
Merkeregister	N 0044BR	HARMFJORD
Merkeregister	N 0044BØ	HØTTEN
Merkeregister	N 0044DA	SUNDSØY
Merkeregister	N 0044FE	SJØBRIS
Merkeregister	N 0044L	TUNSKJÆR
Merkeregister	N 0044ME	ENGØY
Merkeregister	N 0044MS	SOLBJØRN JUNIOR
Merkeregister	N 0044RT	AAGE STEINAR
Merkeregister	N 0044SF	JANNE-KATRIN
Merkeregister	N 0044SG	HUSØY
Merkeregister	N 0044VV	T. SIVERTSEN
Merkeregister	N 0044Ø	LOTTAS FANGST
Merkeregister	N 0045B	HILMARSON
Merkeregister	N 0045BR	THEA
Merkeregister	N 0045BØ	EIKEN
Merkeregister	N 0045F	TURBO
Merkeregister	N 0045H	INGVILD
Merkeregister	N 0045ME	TINDVÆR III
Merkeregister	N 0045MS	KEN STIAN
Merkeregister	N 0045R	ANNA-MARI
Merkeregister	N 0045RT	LUND SENIOR
Merkeregister	N 0045SG	VIKSTJERNA
Merkeregister	N 0045SO	OCEAN
Merkeregister	N 0045TN	RONJA
Merkeregister	N 0045V	NIPEN
Merkeregister	N 0045VV	HAUGSJØ
Merkeregister	N 0045Ø	ØISTEIN
Merkeregister	N 0046B	VÅGAR
Merkeregister	N 0046BL	DAG
Merkeregister	N 0046BØ	BASTUS
Merkeregister	N 0046F	SPURVEN
Merkeregister	N 0046H	KORALL
Merkeregister	N 0046HR	LASSE KERO
Merkeregister	N 0046ME	TINDVÆR
Merkeregister	N 0046MS	VARIANT
Merkeregister	N 0046RT	ORION
Merkeregister	N 0046SO	SOFIE

Merkeregister	N 0046V	RAVNØY
Merkeregister	N 0046VV	VILDE
Merkeregister	N 0046Ø	OTHILIE
Merkeregister	N 0047A	PER TERJE
Merkeregister	N 0047F	SEGELSTEIN
Merkeregister	N 0047H	KIMA
Merkeregister	N 0047HM	BØRVIKGUTTEN
Merkeregister	N 0047HR	SANDØY
Merkeregister	N 0047ME	HOLMVÅG
Merkeregister	N 0047MS	REINEVÆRING
Merkeregister	N 0047SG	HAVGULA
Merkeregister	N 0047SO	NIKE
Merkeregister	N 0047V	SKALLEBANKEN
Merkeregister	N 0047VV	TORGVÆRING
Merkeregister	N 0047Ø	FRØYA
Merkeregister	N 0048A	PIA
Merkeregister	N 0048B	JUNIOR
Merkeregister	N 0048F	HYSVÆR SENIOR
Merkeregister	N 0048HM	EGERDAL
Merkeregister	N 0048L	LAKSEN
Merkeregister	N 0048MS	ELIAS
Merkeregister	N 0048RT	MAIKA
Merkeregister	N 0048SO	IDA
Merkeregister	N 0048V	JANN YNGVE
Merkeregister	N 0048VA	JUSIKA
Merkeregister	N 0048VV	GRYTHOLM
Merkeregister	N 0048Ø	LIND SENIOR
Merkeregister	N 0049B	SIMBA
Merkeregister	N 0049BR	TERNEN
Merkeregister	N 0049BØ	KLÆVTIND
Merkeregister	N 0049F	MAJA II
Merkeregister	N 0049L	LOVUNDGUTT
Merkeregister	N 0049LN	PRIMA
Merkeregister	N 0049ME	KASPER
Merkeregister	N 0049MS	TONY
Merkeregister	N 0049R	FJORDFISK
Merkeregister	N 0049SG	TORVÆRING
Merkeregister	N 0049V	BLUE MASTER
Merkeregister	N 0049VV	IVERSEN JUNIOR
Merkeregister	N 0049Ø	HAVKATT
Merkeregister	N 0050A	ORION
Merkeregister	N 0050AH	ULVANGSØY
Merkeregister	N 0050B	BAMSE
Merkeregister	N 0050BR	STIAN
Merkeregister	N 0050BØ	KJELL IVAR
Merkeregister	N 0050DA	ENGEVIK JUNIOR
Merkeregister	N 0050F	KLONES
Merkeregister	N 0050G	SVENDSEN SENIOR
Merkeregister	N 0050HR	SJØFISK
Merkeregister	N 0050ME	SJØLIV
Merkeregister	N 0050MS	ROWENTA
Merkeregister	N 0050RT	HAVØRN
Merkeregister	N 0050SG	RANDI HELENE
Merkeregister	N 0050SO	HOLMØY
Merkeregister	N 0050TN	MATHILDE
Merkeregister	N 0050V	SKUVINGEN
Merkeregister	N 0050VV	BALLSTADGUTT JR
Merkeregister	N 0050Ø	JOHANNES (UTGÅTT)

Merkeregister	N 0051A	ELVAN JR
Merkeregister	N 0051DA	SJØBLOMSTEN
Merkeregister	N 0051F	JOSBERG
Merkeregister	N 0051H	FJORDBUEN
Merkeregister	N 0051L	RELØYGUTTEN
Merkeregister	N 0051ME	MELØYFJORD
Merkeregister	N 0051MS	KYSTVÆRING
Merkeregister	N 0051RT	RELIN
Merkeregister	N 0051SO	ROALD SENIOR
Merkeregister	N 0051TN	TROND GAUTE
Merkeregister	N 0051V	GADUS JR
Merkeregister	N 0051VR	ODIN
Merkeregister	N 0051VV	GURATIND
Merkeregister	N 0051Ø	STABBEN
Merkeregister	N 0052A	ODD JUNIOR
Merkeregister	N 0052B	JAN ROBERT
Merkeregister	N 0052BR	LEIKEN
Merkeregister	N 0052BØ	BRITA
Merkeregister	N 0052F	BJØRNSON
Merkeregister	N 0052G	PRIKKEN
Merkeregister	N 0052H	LINNEA
Merkeregister	N 0052ME	STORTIND
Merkeregister	N 0052R	HANNA CAROLINE
Merkeregister	N 0052RT	HODD
Merkeregister	N 0052V	VICKI
Merkeregister	N 0052VR	TORA
Merkeregister	N 0052VV	VESTBAS
Merkeregister	N 0052Ø	NYSKJÆR
Merkeregister	N 0053A	MEA
Merkeregister	N 0053F	NORØY
Merkeregister	N 0053G	FAGERSKJÆR
Merkeregister	N 0053LN	SJØBLOMSTEN
Merkeregister	N 0053RT	SKOMVÆRFISK
Merkeregister	N 0053V	NO PROBLEM II
Merkeregister	N 0053VR	FANGTIND
Merkeregister	N 0053VV	STORHOLM II
Merkeregister	N 0053Ø	KYSTFISK JR.
Merkeregister	N 0054A	VILJAR
Merkeregister	N 0054B	NORDLYS
Merkeregister	N 0054BR	ODIN SENIOR
Merkeregister	N 0054F	SUNDVÆRING
Merkeregister	N 0054H	NETTO
Merkeregister	N 0054L	CAMO
Merkeregister	N 0054ME	AURORA J
Merkeregister	N 0054MS	RALLAREN
Merkeregister	N 0054V	SEINGEN
Merkeregister	N 0054VR	DAG-SENIOR
Merkeregister	N 0054VV	KONGSHOLM
Merkeregister	N 0054Ø	NORLINER
Merkeregister	N 0055A	HAVELLA
Merkeregister	N 0055B	KURT SENIOR
Merkeregister	N 0055BØ	JAN-TANITA
Merkeregister	N 0055F	ERIKSEN SENIOR
Merkeregister	N 0055FE	KURT SENIOR
Merkeregister	N 0055HR	DELFIN
Merkeregister	N 0055L	JOSEFINE
Merkeregister	N 0055ME	STINE MAYA
Merkeregister	N 0055RT	RØSTVÆRING

Merkeregister	N 0055SG	TORIL
Merkeregister	N 0055VV	GILL
Merkeregister	N 0055Ø	DALBUEN
Merkeregister	N 0056B	A JENSEN
Merkeregister	N 0056BR	FJELL
Merkeregister	N 0056F	FANGTIND
Merkeregister	N 0056H	CECILIE IREN
Merkeregister	N 0056HR	GÅSVÆR II
Merkeregister	N 0056ME	VARDAR
Merkeregister	N 0056MS	ÅRØYFISK
Merkeregister	N 0056R	SMÅSKJÆR
Merkeregister	N 0056RT	LANO
Merkeregister	N 0056VR	HAVBRIS
Merkeregister	N 0056VV	BUKSNESFJORD
Merkeregister	N 0057A	SEISKJÆR
Merkeregister	N 0057BR	SANDRA
Merkeregister	N 0057H	TRYGG
Merkeregister	N 0057L	STRAUMVANG
Merkeregister	N 0057SO	KOMET
Merkeregister	N 0057VR	LINE MARIE
Merkeregister	N 0057VV	KLONES
Merkeregister	N 0057Ø	ORION
Merkeregister	N 0058BR	MÅSØYGUTT
Merkeregister	N 0058BØ	CHRISIDA
Merkeregister	N 0058F	BJØRNSON (UTGÅTT)
Merkeregister	N 0058FE	HO
Merkeregister	N 0058H	LONGYEAR
Merkeregister	N 0058HR	KEVIN
Merkeregister	N 0058L	HALDORSON
Merkeregister	N 0058ME	POLAR ATLANTIC
Merkeregister	N 0058MS	AUVÆR
Merkeregister	N 0058RT	JANN-ROAR
Merkeregister	N 0058SO	TOR-KÅRE
Merkeregister	N 0058V	NIKITA
Merkeregister	N 0058VA	HYSVÆR SENIOR
Merkeregister	N 0058VV	HYSVÆR SENIOR
Merkeregister	N 0058Ø	MARTYNA
Merkeregister	N 0059A	NORHAV
Merkeregister	N 0059B	NYBRÅTT
Merkeregister	N 0059F	OMEGA
Merkeregister	N 0059L	HOLMSUND
Merkeregister	N 0059LN	DASKELADDEN
Merkeregister	N 0059ME	ICE
Merkeregister	N 0059MS	KVALUNGEN
Merkeregister	N 0059R	A JENSEN
Merkeregister	N 0059RT	KÅRE MARTIN
Merkeregister	N 0059SG	ØKSSUND
Merkeregister	N 0059TN	STERO
Merkeregister	N 0059V	HAVBRIS
Merkeregister	N 0059VV	VERONICA
Merkeregister	N 0059Ø	FISKEBØEN
Merkeregister	N 0060A	JANNE
Merkeregister	N 0060B	SENIOR
Merkeregister	N 0060BØ	LENØY
Merkeregister	N 0060H	VESTSKJÆR
Merkeregister	N 0060L	HAFBJØRG
Merkeregister	N 0060ME	STRANDODDEN
Merkeregister	N 0060R	VALVÆRGUTT

Merkeregister	N 0060RT	STINE HELEN
Merkeregister	N 0060V	SVINØYVÆRING
Merkeregister	N 0060VA	STORMLEIK
Merkeregister	N 0060VR	NORDTIND
Merkeregister	N 0060VV	SEBASTIAN
Merkeregister	N 0060Ø	ØYLAND
Merkeregister	N 0061A	SIGURD
Merkeregister	N 0061BØ	ASKELADDEN
Merkeregister	N 0061F	RONNY N
Merkeregister	N 0061H	TORA
Merkeregister	N 0061L	RØNVIKBUEN
Merkeregister	N 0061ME	RØNVIKBUEN
Merkeregister	N 0061R	LAXEN
Merkeregister	N 0061SA	EGON
Merkeregister	N 0061V	PILEN
Merkeregister	N 0061VV	STRATOS
Merkeregister	N 0062A	RENATE
Merkeregister	N 0062B	SIRIUS II
Merkeregister	N 0062F	TOMMY JUNIOR
Merkeregister	N 0062H	FRITHJOFSON
Merkeregister	N 0062V	VEGARD
Merkeregister	N 0062VR	NORDHAVN
Merkeregister	N 0062VV	IJA
Merkeregister	N 0062Ø	DINA
Merkeregister	N 0063AH	SEA-LADY
Merkeregister	N 0063BØ	ZIMBA
Merkeregister	N 0063F	SOLBUEN
Merkeregister	N 0063G	MEBØEN
Merkeregister	N 0063H	VANJA ANITA
Merkeregister	N 0063L	KVITVÆR
Merkeregister	N 0063ME	VOGIN
Merkeregister	N 0063MS	YSTNESVÆRING
Merkeregister	N 0063RT	GRIMSØYVÆRING
Merkeregister	N 0063TN	NYGRUNN
Merkeregister	N 0063V	FJORDBAKK SENIOR
Merkeregister	N 0063VV	SANDER
Merkeregister	N 0063Ø	BRASØYFISK
Merkeregister	N 0064A	EIVIND
Merkeregister	N 0064BØ	HANNAH
Merkeregister	N 0064H	MEA
Merkeregister	N 0064MS	NORDHOLMEN
Merkeregister	N 0064TS	VIKVÆRING
Merkeregister	N 0064V	ARIEL
Merkeregister	N 0064VV	ELIAS
Merkeregister	N 0064Ø	SIMON
Merkeregister	N 0065A	SOLVÆRGUTT
Merkeregister	N 0065B	ØYLINER
Merkeregister	N 0065H	TOSKJÆR
Merkeregister	N 0065L	JULIE
Merkeregister	N 0065ME	ØYGUTT
Merkeregister	N 0065MS	ØYASUND
Merkeregister	N 0065RT	JØRN-HARALD
Merkeregister	N 0065TN	SKAGEN
Merkeregister	N 0065V	PERLEN
Merkeregister	N 0065VV	VESTSKJÆR
Merkeregister	N 0065Ø	SVEIN JOHAN
Merkeregister	N 0066A	SKAGØY
Merkeregister	N 0066B	SILVER

Merkeregister	N 0066BØ	TOVE
Merkeregister	N 0066MS	SANDER ANDRE
Merkeregister	N 0066RT	YSTNESVÆRING
Merkeregister	N 0066SO	KARINE
Merkeregister	N 0066V	LAMØYSUND
Merkeregister	N 0066VR	YSTØY
Merkeregister	N 0066VV	SKRETIND
Merkeregister	N 0066Ø	YSTØY
Merkeregister	N 0067B	GEIR HARALD
Merkeregister	N 0067F	SOLBUEN
Merkeregister	N 0067L	KATRINE
Merkeregister	N 0067ME	ALEA HELEN
Merkeregister	N 0067MS	MARIO
Merkeregister	N 0067RT	RØSTHAVET
Merkeregister	N 0067SO	THEO
Merkeregister	N 0067V	GULLE
Merkeregister	N 0067VV	FISKØY
Merkeregister	N 0067Ø	MATS BØRGE
Merkeregister	N 0068A	BRAKEN
Merkeregister	N 0068B	TEISTEN
Merkeregister	N 0068BØ	LOKKØYVÆRING
Merkeregister	N 0068DA	SUNDSVÆRING
Merkeregister	N 0068F	DYVÅG
Merkeregister	N 0068H	TROLLHOLMEN
Merkeregister	N 0068L	FANGST
Merkeregister	N 0068MS	ELENA MARIE
Merkeregister	N 0068R	VARDEN
Merkeregister	N 0068RT	BELLA MARINA
Merkeregister	N 0068SO	HEDDA
Merkeregister	N 0068V	MB NJORD
Merkeregister	N 0068VR	ELLBØEN
Merkeregister	N 0068VV	SEIBUEN
Merkeregister	N 0068Ø	EVA MARITA
Merkeregister	N 0069A	NORHAV
Merkeregister	N 0069B	TENNSKJÆR
Merkeregister	N 0069F	NY-TROFAST
Merkeregister	N 0069LN	SJØBRIS
Merkeregister	N 0069ME	EMILIE
Merkeregister	N 0069SO	SOFIE
Merkeregister	N 0069VR	NORDTIND II
Merkeregister	N 0069VV	LANGNES
Merkeregister	N 0069Ø	GLIMT
Merkeregister	N 0070L	SIV
Merkeregister	N 0070ME	MIA
Merkeregister	N 0070MS	SKARSØY
Merkeregister	N 0070R	SJÅVIKNES
Merkeregister	N 0070SG	FIX JUNIOR
Merkeregister	N 0070TN	TOPAS
Merkeregister	N 0070VV	BALLSTADVÆRING
Merkeregister	N 0070Ø	MEA
Merkeregister	N 0071BØ	TOMMY
Merkeregister	N 0071F	ÆRVIK
Merkeregister	N 0071G	M-SVENDSEN
Merkeregister	N 0071H	SPIRREVIPP
Merkeregister	N 0071ME	KLOBUEN
Merkeregister	N 0071MS	VESTERBØEN
Merkeregister	N 0071SO	EWA
Merkeregister	N 0071TN	JOHAN R

Merkeregister	N 0071V	LYKKENS PRØVE
Merkeregister	N 0071VR	SKANTI
Merkeregister	N 0071VV	KIM
Merkeregister	N 0071Ø	MULEGGA
Merkeregister	N 0072B	CAROLINE
Merkeregister	N 0072BØ	KRISTINA
Merkeregister	N 0072H	HANSVIK
Merkeregister	N 0072L	HARSVIK
Merkeregister	N 0072ME	JOHAN R
Merkeregister	N 0072MS	DELFIN
Merkeregister	N 0072RT	SNØGG
Merkeregister	N 0072V	ARNE-JOHANNE
Merkeregister	N 0072VR	SJØSTJERNA
Merkeregister	N 0072VV	STAMSUNDVÆRING
Merkeregister	N 0072Ø	ELISABETH
Merkeregister	N 0073BR	MONICA M
Merkeregister	N 0073H	MAGNUSSEN
Merkeregister	N 0073HR	BÅR-SAMUEL
Merkeregister	N 0073MS	VILJAR
Merkeregister	N 0073SO	DAG VIGGO
Merkeregister	N 0073V	PILEN
Merkeregister	N 0073VV	HØTTEN
Merkeregister	N 0073Ø	HAVSULEN
Merkeregister	N 0074A	JAN OSKAR
Merkeregister	N 0074B	LYSTIND
Merkeregister	N 0074BØ	BAMSE
Merkeregister	N 0074F	ØYGUTT
Merkeregister	N 0074H	ELIAS
Merkeregister	N 0074ME	ISMÅKEN (UTGÅTT)
Merkeregister	N 0074MS	FRIGG
Merkeregister	N 0074R	HÅVARD
Merkeregister	N 0074SO	FRIDA SOFIE
Merkeregister	N 0074V	TOYA
Merkeregister	N 0074VV	OLE INGE
Merkeregister	N 0074Ø	SKÅRUNGEN
Merkeregister	N 0075A	RIKARDSON
Merkeregister	N 0075BR	PRIMA
Merkeregister	N 0075BØ	JUNO
Merkeregister	N 0075F	JENNY 2
Merkeregister	N 0075L	LYNGØYSKJÆR
Merkeregister	N 0075ME	KAROLIUS
Merkeregister	N 0075MS	LENNART
Merkeregister	N 0075SO	ANNIKA
Merkeregister	N 0075V	DENTAX SENIOR
Merkeregister	N 0075VR	ØYVÆR
Merkeregister	N 0075VV	ANTARCTIC SEA
Merkeregister	N 0075Ø	CECILIE (UTGÅTT)
Merkeregister	N 0076B	GLUNTEN
Merkeregister	N 0076BR	ANNA THERESE
Merkeregister	N 0076BØ	HAVELLA
Merkeregister	N 0076F	LETTEN
Merkeregister	N 0076MS	FAR
Merkeregister	N 0076RT	HAVFRØKNA
Merkeregister	N 0076SG	BROTT
Merkeregister	N 0076SO	NEMINE
Merkeregister	N 0076TN	HEIDI ANITA
Merkeregister	N 0076VV	EGGUMSVÆRING
Merkeregister	N 0076Ø	TORAN

Merkeregister	N 0077B	FALK
Merkeregister	N 0077BØ	PIRAYA
Merkeregister	N 0077LN	VESTFLU
Merkeregister	N 0077MS	RASMUSS
Merkeregister	N 0077R	ISBJØRN
Merkeregister	N 0077SG	SAGAGUTT
Merkeregister	N 0077V	MARITA-O
Merkeregister	N 0077VR	ADRIAN
Merkeregister	N 0077VV	ULA
Merkeregister	N 0077Ø	HAVBÅRA
Merkeregister	N 0078B	NYHAV
Merkeregister	N 0078BØ	HEIDI II
Merkeregister	N 0078H	HARPAREN
Merkeregister	N 0078L	HAVBRIS
Merkeregister	N 0078MS	AUSBÅTEN
Merkeregister	N 0078SG	HAVELLA
Merkeregister	N 0078TN	SANDFLÆSA 2
Merkeregister	N 0078V	RAGNI MERETHE
Merkeregister	N 0078VV	STRØMØY
Merkeregister	N 0078Ø	CAPELLA
Merkeregister	N 0079BØ	NORDLYS
Merkeregister	N 0079F	BAASGRUNN
Merkeregister	N 0079LN	SVÆLLINGEN
Merkeregister	N 0079MS	TUNFISK
Merkeregister	N 0079SG	FESTUS
Merkeregister	N 0079TN	SANDFLÆSA
Merkeregister	N 0079V	STORINGEN
Merkeregister	N 0079VV	MARIANNE
Merkeregister	N 0080A	GUNN
Merkeregister	N 0080B	RÅNES
Merkeregister	N 0080F	GISLØYVÆRING
Merkeregister	N 0080LN	KANSTADBUEN
Merkeregister	N 0080ME	HAUGHEI
Merkeregister	N 0080MS	HEGE
Merkeregister	N 0080V	THEA 2
Merkeregister	N 0080VA	HOLMBØEN
Merkeregister	N 0080VR	SMÅHAUG SENIOR
Merkeregister	N 0080VS	KILBUEN
Merkeregister	N 0080VV	ØYBUEN JR
Merkeregister	N 0080Ø	HAVBRYN
Merkeregister	N 0081F	ELISABETH
Merkeregister	N 0081ME	SOLØY
Merkeregister	N 0081MS	DAVAJ
Merkeregister	N 0081SO	FRIDE SOFIE
Merkeregister	N 0081V	SANDSKJÆR
Merkeregister	N 0081VV	HAVGUTT
Merkeregister	N 0081Ø	HAVBRYN
Merkeregister	N 0082A	TRITON
Merkeregister	N 0082B	NAUTIC
Merkeregister	N 0082BR	ERFJORDBUEN JUNIOR
Merkeregister	N 0082F	PILEN
Merkeregister	N 0082H	BREITIND
Merkeregister	N 0082MS	ANDENESVÆRING
Merkeregister	N 0082RT	AURORA
Merkeregister	N 0082SO	CELINN
Merkeregister	N 0082VV	ODDBJØRN
Merkeregister	N 0082Ø	ODDBJØRN
Merkeregister	N 0083A	BERNT STEINAR

Merkeregister	N 0083B	SPURVEN TO
Merkeregister	N 0083BØ	WENCHE
Merkeregister	N 0083F	FJORDGUTT
Merkeregister	N 0083H	TERNEN
Merkeregister	N 0083RT	FÆRØYFISK
Merkeregister	N 0083V	ANDENESVÆRING
Merkeregister	N 0083VA	YLVINGEN
Merkeregister	N 0083VV	HANNA
Merkeregister	N 0083Ø	KJÆKHOLMEN
Merkeregister	N 0084B	HAGTIND
Merkeregister	N 0084F	BREITIND
Merkeregister	N 0084H	BASEN
Merkeregister	N 0084L	TRINE ELLEN
Merkeregister	N 0084MS	SKJÆRBUEN
Merkeregister	N 0084R	TORIDA
Merkeregister	N 0084V	LANGBÅEN
Merkeregister	N 0084VA	JOHNSEN JR.
Merkeregister	N 0084VV	SPLEIS
Merkeregister	N 0084Ø	MÅKEN
Merkeregister	N 0085A	LUDVIK
Merkeregister	N 0085B	BROTT
Merkeregister	N 0085BØ	VILDE
Merkeregister	N 0085F	PROPELLA
Merkeregister	N 0085L	HAZARD
Merkeregister	N 0085MS	NOREGG
Merkeregister	N 0085RT	HAVUR
Merkeregister	N 0085SO	SOLSTRAND JUNIOR
Merkeregister	N 0085TS	JAN BJØRN
Merkeregister	N 0085VV	ARNT EGIL
Merkeregister	N 0085Ø	SPURVEN TO
Merkeregister	N 0086B	FUGLØYFISK
Merkeregister	N 0086BR	HELLEFISK
Merkeregister	N 0086F	STEINAR
Merkeregister	N 0086HR	RAYON
Merkeregister	N 0086L	KRISTINE
Merkeregister	N 0086MS	REINEFANGST
Merkeregister	N 0086RT	ESPEN CATO
Merkeregister	N 0086SG	VALSVÆRING
Merkeregister	N 0086SO	SJØPRINS
Merkeregister	N 0086V	VATERFJORD
Merkeregister	N 0086VR	KIM RICHARD
Merkeregister	N 0086VV	JOKER
Merkeregister	N 0086Ø	JUSTAD JUNIOR
Merkeregister	N 0087A	NIM
Merkeregister	N 0087B	SJØGUTT
Merkeregister	N 0087BØ	OTTARSON
Merkeregister	N 0087DA	GUNN
Merkeregister	N 0087L	DINABØEN
Merkeregister	N 0087ME	STRØMØYGUTT
Merkeregister	N 0087MS	MIRO
Merkeregister	N 0087SO	GO-LINER
Merkeregister	N 0087V	MYRESJARK
Merkeregister	N 0087VA	VEGAFISK
Merkeregister	N 0087VV	MAJA 1
Merkeregister	N 0087Ø	KLONES (UTGÅTT)
Merkeregister	N 0088A	KNÆRTEN
Merkeregister	N 0088B	GUNN LINDA
Merkeregister	N 0088BR	FANGST

Merkeregister	N 0088BØ	KNÆRTEN
Merkeregister	N 0088DA	MARIA
Merkeregister	N 0088F	BØRFJELL
Merkeregister	N 0088H	LAGUN
Merkeregister	N 0088L	HAVSTRAUM
Merkeregister	N 0088ME	FRED-HÅVARD
Merkeregister	N 0088MS	WENCHE MERETHE
Merkeregister	N 0088RA	SYREN
Merkeregister	N 0088V	SPRUTEN
Merkeregister	N 0088VA	EIDEM SENIOR
Merkeregister	N 0088VV	BENTE
Merkeregister	N 0088Ø	MELØYJENTA
Merkeregister	N 0089F	JENNEGGA
Merkeregister	N 0089L	SLENESVÆRING
Merkeregister	N 0089MS	MOT 2
Merkeregister	N 0089SO	ODDVAR JUNIOR
Merkeregister	N 0089V	LENE MARIE
Merkeregister	N 0089VV	MARINA
Merkeregister	N 0090A	BASTUS
Merkeregister	N 0090F	FRED-FRODE
Merkeregister	N 0090L	MARY JANE
Merkeregister	N 0090ME	HORNTIND
Merkeregister	N 0090MS	REINEBUEN
Merkeregister	N 0090SG	LINJEN
Merkeregister	N 0090V	RUTH KRISTIN
Merkeregister	N 0090VV	KONGSFJORD (UTGÅTT)
Merkeregister	N 0090Ø	HAVELLA
Merkeregister	N 0091BR	BJØRN
Merkeregister	N 0091F	NAPPSGUTT
Merkeregister	N 0091HR	BJØRNSVIK
Merkeregister	N 0091L	DENNIS OLAI
Merkeregister	N 0091ME	ICE JR
Merkeregister	N 0091MS	FLUD
Merkeregister	N 0091V	MARLEN
Merkeregister	N 0091VR	ISLOMEN
Merkeregister	N 0091VV	LUNA
Merkeregister	N 0091Ø	OPPMYRBUEN
Merkeregister	N 0092H	MARTIN
Merkeregister	N 0092MS	LISS-EVA
Merkeregister	N 0092SO	TROND
Merkeregister	N 0092V	MEA
Merkeregister	N 0092VR	KRISTIN MARITA
Merkeregister	N 0092VV	BRAGE
Merkeregister	N 0092Ø	EIDSFJORD
Merkeregister	N 0093A	JUNITA
Merkeregister	N 0093F	HILMARSON
Merkeregister	N 0093ME	KJØNSKJÆR
Merkeregister	N 0093VV	BORGØY
Merkeregister	N 0093Ø	MØYSALEN
Merkeregister	N 0094A	WESTEGG
Merkeregister	N 0094BØ	NORDFLU II
Merkeregister	N 0094F	SVANA
Merkeregister	N 0094H	THEA
Merkeregister	N 0094L	HÅLØYGER
Merkeregister	N 0094MS	HAAKON-JR
Merkeregister	N 0094V	NYBERG
Merkeregister	N 0094VV	BÅRA
Merkeregister	N 0095A	RIKARDSON

Merkeregister	N 0095BØ	ARCARO
Merkeregister	N 0095F	VIKSKJÆR
Merkeregister	N 0095HR	RAGNARSON
Merkeregister	N 0095MS	HELL
Merkeregister	N 0095V	WILLASSEN II
Merkeregister	N 0095VV	OLE-JOHAN
Merkeregister	N 0095Ø	VICTORIA
Merkeregister	N 0096A	STRAUMGUTT
Merkeregister	N 0096B	ØYASUND
Merkeregister	N 0096F	MONSUN
Merkeregister	N 0096HR	SOLVÆRØY
Merkeregister	N 0096ME	HAVNÆRINGEN
Merkeregister	N 0096R	STEN TORE
Merkeregister	N 0096RT	NORDFANGST
Merkeregister	N 0096V	JYLDNER
Merkeregister	N 0096VR	BUSTER
Merkeregister	N 0096VV	MORTSUNDVÆRINGEN
Merkeregister	N 0096Ø	ANDENESVÆRING
Merkeregister	N 0097B	GLITTERTIND
Merkeregister	N 0097ME	GLITTERTIND
Merkeregister	N 0097MS	MAGNUS
Merkeregister	N 0097V	VIKHOLMEN
Merkeregister	N 0097VV	ROY-MAGNE
Merkeregister	N 0097Ø	TULIPAN
Merkeregister	N 0098A	AMIGO
Merkeregister	N 0098B	EROS
Merkeregister	N 0098BØ	SJARK 1
Merkeregister	N 0098F	BØRFJELL
Merkeregister	N 0098L	STRAUMØY
Merkeregister	N 0098MS	SKARVØY
Merkeregister	N 0098VA	MINOR
Merkeregister	N 0098VV	ARVID GISKE
Merkeregister	N 0098Ø	HELLA
Merkeregister	N 0099BØ	VIKSKJÆR
Merkeregister	N 0099MS	MARIANNE
Merkeregister	N 0099RT	RØSTØY
Merkeregister	N 0099SG	FRØYTOR
Merkeregister	N 0099SO	KARINE
Merkeregister	N 0099V	HAVØRN
Merkeregister	N 0099VV	VERONICA
Merkeregister	N 0100A	ANDENESFISK I
Merkeregister	N 0100B	ERATO
Merkeregister	N 0100BR	BJØRNSON
Merkeregister	N 0100BØ	VINGBUEN
Merkeregister	N 0100F	FALKEN
Merkeregister	N 0100L	LOVUNDVÆRING
Merkeregister	N 0100MS	KVALVIK
Merkeregister	N 0100R	ÆGIR
Merkeregister	N 0100V	JAN GUNNAR
Merkeregister	N 0100VV	OVESEN JR
Merkeregister	N 0100Ø	SUNDERØY
Merkeregister	N 0101A	KORSNESFISK
Merkeregister	N 0101B	NYHAV
Merkeregister	N 0101H	MØYSALFISK
Merkeregister	N 0101HR	POLARGUTTEN
Merkeregister	N 0101MS	ØYFART
Merkeregister	N 0101R	NISSKJÆR
Merkeregister	N 0101SF	PLUGGEN

Merkeregister	N 0101V	JAN GUNNAR
Merkeregister	N 0101Ø	STIG JUNIOR
Merkeregister	N 0102A	ÅRØYFISK
Merkeregister	N 0102B	MOR
Merkeregister	N 0102L	NYGRUNN
Merkeregister	N 0102MS	KVALVIK JR
Merkeregister	N 0102VV	TRINE
Merkeregister	N 0103A	PLUGGEN
Merkeregister	N 0103F	FARMANN
Merkeregister	N 0103MS	TINDSTØ
Merkeregister	N 0103V	IRIS 2
Merkeregister	N 0103VV	TØTTA
Merkeregister	N 0103Ø	RONJA (UTGÅTT)
Merkeregister	N 0104A	GEIR ROGER
Merkeregister	N 0104F	SIGVE
Merkeregister	N 0104R	BRIS
Merkeregister	N 0104VV	HAVGULL
Merkeregister	N 0104Ø	LISE
Merkeregister	N 0105A	STIG INGE
Merkeregister	N 0105MS	DAG VIGGO
Merkeregister	N 0105VV	ROHOLMEN
Merkeregister	N 0105Ø	BENTE
Merkeregister	N 0106R	INGER-ANN
Merkeregister	N 0106VV	SJØTUN
Merkeregister	N 0106Ø	NESSIE
Merkeregister	N 0107L	RAVNUNGEN
Merkeregister	N 0107SF	PLUGGEN
Merkeregister	N 0107VV	SKAGODDEN
Merkeregister	N 0107Ø	SAN MIDTBU
Merkeregister	N 0108R	HELØYGUTT IV
Merkeregister	N 0108VV	LINE KRISTIN
Merkeregister	N 0108Ø	VÅRBRIS
Merkeregister	N 0109A	MATS-ERIK
Merkeregister	N 0109B	TERRY
Merkeregister	N 0109BØ	NYGRUNN
Merkeregister	N 0109V	OLAV-BØRRE
Merkeregister	N 0109VR	HAVGLIMT
Merkeregister	N 0109VV	KAMALIE
Merkeregister	N 0109Ø	KLEPPABAS
Merkeregister	N 0110A	HELENA
Merkeregister	N 0110B	ERATO
Merkeregister	N 0110F	BØRØY II
Merkeregister	N 0110L	SLETTHOLMEN
Merkeregister	N 0110RT	LEISKJÆR
Merkeregister	N 0110V	ANNE
Merkeregister	N 0110VR	LURØYBAS
Merkeregister	N 0110VV	LEONORA
Merkeregister	N 0110Ø	OLAV NILSEN
Merkeregister	N 0111BR	ELINE
Merkeregister	N 0111BØ	NYLON
Merkeregister	N 0111F	FREMTID
Merkeregister	N 0111L	LURØYBAS
Merkeregister	N 0111ME	SIGRID
Merkeregister	N 0111R	HELØYGUTT
Merkeregister	N 0111VR	TINDSKJÆR
Merkeregister	N 0111VV	INGRID MARIE
Merkeregister	N 0111Ø	SJARKE
Merkeregister	N 0112A	ARIBLÅ

Merkeregister	N 0112F	GULLFISK
Merkeregister	N 0112L	LEIBØEN
Merkeregister	N 0112R	HELØYGUTT II
Merkeregister	N 0112V	RESCUE
Merkeregister	N 0112VV	TROMFLU
Merkeregister	N 0112Ø	SØRHOLMEN
Merkeregister	N 0113A	MARGRETHE I
Merkeregister	N 0113BR	EINAR
Merkeregister	N 0113F	SIW
Merkeregister	N 0113MS	LINE CATO
Merkeregister	N 0113V	OLE EINAR
Merkeregister	N 0113VV	RUBY
Merkeregister	N 0113Ø	RESCUE
Merkeregister	N 0114B	PATRI
Merkeregister	N 0114BØ	DØNNVÆR
Merkeregister	N 0114L	LURØYBAS
Merkeregister	N 0114MS	SKRINE
Merkeregister	N 0114V	SJØLEIK
Merkeregister	N 0114VV	LINDA-MARI
Merkeregister	N 0114Ø	STIG JUNIOR
Merkeregister	N 0115BØ	REMI ANDRE
Merkeregister	N 0115F	J. HAUGEN
Merkeregister	N 0115L	LILL GRETHE
Merkeregister	N 0115V	VESLA
Merkeregister	N 0115VR	GEIR MAGNE
Merkeregister	N 0115VV	TAIFUN
Merkeregister	N 0115Ø	OSKAR S
Merkeregister	N 0116A	GLIMT
Merkeregister	N 0116BR	KVÆRSTEIN
Merkeregister	N 0116MS	BREIFLABBEN
Merkeregister	N 0116V	ALBATROSS III
Merkeregister	N 0116VR	ØYTIND
Merkeregister	N 0116VV	BUØY
Merkeregister	N 0116Ø	BÅRHOLMEN
Merkeregister	N 0117B	FAGERTING
Merkeregister	N 0117VV	FJORDPRINS
Merkeregister	N 0117Ø	VILMA
Merkeregister	N 0118A	MATHILDE
Merkeregister	N 0118B	TOR-ARNE
Merkeregister	N 0118BØ	VEATIND
Merkeregister	N 0118LN	RØDHOLMEN
Merkeregister	N 0118MS	SOLBJØRN
Merkeregister	N 0118VR	STAR VIKING
Merkeregister	N 0118VV	MERRICK
Merkeregister	N 0118Ø	STENSBAKKEN
Merkeregister	N 0119F	LYSBØEN
Merkeregister	N 0119SO	KETLIN
Merkeregister	N 0119VR	STAR VIKING
Merkeregister	N 0119VV	ØYBUEN
Merkeregister	N 0120A	SJØBAKK
Merkeregister	N 0120BØ	MÅRSUND
Merkeregister	N 0120F	BJØRNTIND
Merkeregister	N 0120MS	FJORDBRIS
Merkeregister	N 0120V	HANNA W
Merkeregister	N 0120VV	DAG VIGGO
Merkeregister	N 0120Ø	TOR VIGGO
Merkeregister	N 0121B	NORDHAV
Merkeregister	N 0121ME	TULIPAN

Merkeregister	N 0121V	BØLGEN
Merkeregister	N 0121VR	VÆRØYBUEN
Merkeregister	N 0121VV	ROSITA
Merkeregister	N 0122BR	SANDRA
Merkeregister	N 0122F	ULVSTIND
Merkeregister	N 0122R	VÅGASKJÆR
Merkeregister	N 0122SO	SKAR II
Merkeregister	N 0122VA	LOMSØY
Merkeregister	N 0122VV	MATHIAS
Merkeregister	N 0123BR	MARNA
Merkeregister	N 0123F	SKOTTIND
Merkeregister	N 0123VA	MÅØYSUND
Merkeregister	N 0123VV	BALDER
Merkeregister	N 0124BR	TINE
Merkeregister	N 0124ME	ROBIN
Merkeregister	N 0124V	LINDA
Merkeregister	N 0124VV	HAVSULA
Merkeregister	N 0124Ø	FALKEN
Merkeregister	N 0125ME	NEPTUN
Merkeregister	N 0125V	RUFFEN
Merkeregister	N 0125VV	GADUS NJORD
Merkeregister	N 0125Ø	ØKSNESVÆRING
Merkeregister	N 0126B	EMBLA
Merkeregister	N 0126R	SMÅEN
Merkeregister	N 0126VV	TARA
Merkeregister	N 0127BØ	BØRINGEN
Merkeregister	N 0127F	LITJ SKJÆRET
Merkeregister	N 0127L	SIGVE
Merkeregister	N 0127MS	STJERNEN
Merkeregister	N 0127SO	OLE GULLVIK
Merkeregister	N 0127VV	TRYM-AKSEL
Merkeregister	N 0128B	NORDHAV
Merkeregister	N 0128V	BROR
Merkeregister	N 0128VV	LOMEN
Merkeregister	N 0129MS	JOHANNE
Merkeregister	N 0129VV	TROND GAUTE
Merkeregister	N 0130MS	KIM ROGER
Merkeregister	N 0130R	RISØYBØEN
Merkeregister	N 0130V	TØTTA
Merkeregister	N 0130VR	HAVBØEN
Merkeregister	N 0130VV	LOFOTHAV
Merkeregister	N 0130Ø	MYREFISK
Merkeregister	N 0131A	AMALIE
Merkeregister	N 0131BØ	SNARSETVÆRING
Merkeregister	N 0131ME	POLARFANGST
Merkeregister	N 0131RT	RØSTHOLMEN
Merkeregister	N 0131SG	GIGGI
Merkeregister	N 0131Ø	ISFUGL
Merkeregister	N 0132A	ANDHELLA
Merkeregister	N 0132F	TINA
Merkeregister	N 0132LN	STØDIG
Merkeregister	N 0132VV	JERGUL
Merkeregister	N 0133A	KARL ROBIN
Merkeregister	N 0133V	GARSBØEN
Merkeregister	N 0133VV	HAVBRIS JR
Merkeregister	N 0134A	SJARMØREN
Merkeregister	N 0134LN	NORAFJELL
Merkeregister	N 0134MS	KARL CHRISTIAN

Merkeregister	N 0134VV	NORPYNT
Merkeregister	N 0134Ø	RAINER
Merkeregister	N 0135A	HAVSKØY I
Merkeregister	N 0135B	NORDLYS
Merkeregister	N 0135F	NY-TERJE
Merkeregister	N 0135V	ODD TERJE
Merkeregister	N 0135VV	HAVJO
Merkeregister	N 0136A	HAVSKØY 2
Merkeregister	N 0136MS	LAIKA
Merkeregister	N 0136VV	LOBO
Merkeregister	N 0136Ø	VORNESVÆRING
Merkeregister	N 0137MS	LOFOTINGEN
Merkeregister	N 0137V	BÅRSKJÆR
Merkeregister	N 0137VV	TOMINE
Merkeregister	N 0138L	KVITBJØRN
Merkeregister	N 0138SG	VITAMIN
Merkeregister	N 0139MS	ROWENTA II
Merkeregister	N 0139VV	HEREVI
Merkeregister	N 0139Ø	BALDER
Merkeregister	N 0140B	ØYVIKING
Merkeregister	N 0140F	SNØGG
Merkeregister	N 0140V	KRANEGUTT
Merkeregister	N 0140VV	ADRIAN
Merkeregister	N 0140Ø	LONGYEAR
Merkeregister	N 0141BØ	BØTIND
Merkeregister	N 0141HR	KARI
Merkeregister	N 0141V	SVANEN
Merkeregister	N 0141VV	SPIRREVIPP
Merkeregister	N 0141Ø	BJØRNSTEIN
Merkeregister	N 0142L	SØRHOLMEN
Merkeregister	N 0142ME	SJØGUTTEN
Merkeregister	N 0142SO	TRYGVE B
Merkeregister	N 0142VV	SJØGUTTEN
Merkeregister	N 0142Ø	HAVBRIS
Merkeregister	N 0143B	ROS
Merkeregister	N 0143F	MALIN
Merkeregister	N 0143MS	ØRNA
Merkeregister	N 0143SG	FIX
Merkeregister	N 0143V	IDA BEATE
Merkeregister	N 0143VV	KONGSHOLM
Merkeregister	N 0144MS	VALTIN JR
Merkeregister	N 0144VV	LAGUN
Merkeregister	N 0144Ø	HAVBØEN
Merkeregister	N 0145B	MALIN
Merkeregister	N 0145H	NYGRUND
Merkeregister	N 0145MS	KVALVIKVÆRING
Merkeregister	N 0145VR	JOHAN BERG
Merkeregister	N 0145VV	JIM-ROGER
Merkeregister	N 0146F	JUVEL
Merkeregister	N 0146V	TONY
Merkeregister	N 0146VV	LEIBØEN
Merkeregister	N 0146Ø	STORØY
Merkeregister	N 0147MS	ODD ROGER
Merkeregister	N 0147V	LAILA
Merkeregister	N 0147VR	VICTORIA
Merkeregister	N 0147VV	BORGVÆR
Merkeregister	N 0147Ø	LANGNESVÆRING
Merkeregister	N 0148F	MALIN

Merkeregister	N 0148SG	AKTERØY
Merkeregister	N 0148V	AGNETHE
Merkeregister	N 0148VV	UNSTAD JUNIOR
Merkeregister	N 0148Ø	AURORA
Merkeregister	N 0150A	FREDRIK
Merkeregister	N 0150MS	REINEFJORD
Merkeregister	N 0150V	KYSTEN
Merkeregister	N 0150VV	ELIN-TORIL
Merkeregister	N 0150Ø	KLONES
Merkeregister	N 0151B	LENE K
Merkeregister	N 0151BØ	SOLSTRÅLEN
Merkeregister	N 0151F	NYBØEN
Merkeregister	N 0151L	ØYBUEN
Merkeregister	N 0151MS	NY-MÅTIND
Merkeregister	N 0151V	KLONES
Merkeregister	N 0151VV	KLOGRUNN
Merkeregister	N 0151Ø	KVANHOLMEN
Merkeregister	N 0152A	HEIDRUN
Merkeregister	N 0152MS	DEMRING
Merkeregister	N 0152V	NYBØEN
Merkeregister	N 0152VA	FLATSKJÆR
Merkeregister	N 0152VV	TRYM
Merkeregister	N 0152Ø	SKUMRING
Merkeregister	N 0153V	ARIADNE
Merkeregister	N 0153VV	FESKARGUTTEN
Merkeregister	N 0153Ø	KLONES
Merkeregister	N 0154VV	JOHAN MARTIN
Merkeregister	N 0154Ø	JOHAN MARTIN
Merkeregister	N 0155ME	HAVØRNA
Merkeregister	N 0155VV	MONICA
Merkeregister	N 0155Ø	BRUTUS
Merkeregister	N 0156BØ	LUNDUNGEN
Merkeregister	N 0156VV	VIKSKJÆR
Merkeregister	N 0157F	NYBØEN
Merkeregister	N 0157MS	ODDNY
Merkeregister	N 0157V	LINE
Merkeregister	N 0157VV	DØNNLAND
Merkeregister	N 0158V	STRANDVÆR
Merkeregister	N 0158VV	KLOBUEN
Merkeregister	N 0159MS	CARINA
Merkeregister	N 0159V	KJARTAN K.
Merkeregister	N 0159VV	CARISMA
Merkeregister	N 0160DA	EMILIE
Merkeregister	N 0160MS	VESTHOLM
Merkeregister	N 0160VV	VESLA
Merkeregister	N 0161BØ	SNARSETVÅG
Merkeregister	N 0161V	JUNI
Merkeregister	N 0161VV	ZETA
Merkeregister	N 0162B	ADRIAN
Merkeregister	N 0162BØ	REINSBÅEN
Merkeregister	N 0162V	HÅVARD
Merkeregister	N 0162VR	VÆRØYGUTT
Merkeregister	N 0162VV	STRAUMEN
Merkeregister	N 0163BØ	ARNE EINAR
Merkeregister	N 0163VV	AMIGO
Merkeregister	N 0164B	ØRA
Merkeregister	N 0164VA	LILJA
Merkeregister	N 0164VV	EMMA GISKE

Merkeregister	N 0165H	STRANDEGGA
Merkeregister	N 0165MS	SANDVÆR
Merkeregister	N 0165V	KEISTOR
Merkeregister	N 0165VV	NIKKO
Merkeregister	N 0165Ø	OLINE
Merkeregister	N 0166F	SKJELHOLM
Merkeregister	N 0166MS	SOLVANG
Merkeregister	N 0166VV	MATHIAS
Merkeregister	N 0167A	OLE ELVAN
Merkeregister	N 0167B	LIV HALDIS
Merkeregister	N 0167L	RAINER
Merkeregister	N 0167MS	RAINER
Merkeregister	N 0167VV	FORTUNA
Merkeregister	N 0168Ø	MYREBUEN
Merkeregister	N 0169F	ASTRID MARIE
Merkeregister	N 0169L	TARHOLMEN
Merkeregister	N 0169VV	TARHOLMEN
Merkeregister	N 0169Ø	MYREBAS
Merkeregister	N 0170V	SIRO
Merkeregister	N 0170VV	SANDHOLMEN
Merkeregister	N 0171L	BRINCA
Merkeregister	N 0172F	BØLGEN
Merkeregister	N 0172MS	MARIUS
Merkeregister	N 0172VV	ØYSKJÆR
Merkeregister	N 0172Ø	LEAH
Merkeregister	N 0173A	THERESE
Merkeregister	N 0173MS	HELLODDEN
Merkeregister	N 0173VV	HELEN
Merkeregister	N 0173Ø	SILJE
Merkeregister	N 0174F	KUNTZEGUTT
Merkeregister	N 0174ME	FLØSKJÆR
Merkeregister	N 0174VV	MORTSUNDVÆRING
Merkeregister	N 0175B	REMSKJÆR
Merkeregister	N 0175VV	RØAGUTT
Merkeregister	N 0176B	CAMILLA
Merkeregister	N 0176V	EIEVÆRING
Merkeregister	N 0176Ø	DAINORA
Merkeregister	N 0177F	SIMAR
Merkeregister	N 0177VV	SJØGUTTEN
Merkeregister	N 0178L	KARAT
Merkeregister	N 0178TN	KARAT
Merkeregister	N 0178Ø	EMMY
Merkeregister	N 0179F	FISKELADDEN
Merkeregister	N 0179H	ALF MARTIN
Merkeregister	N 0179VV	RAINER
Merkeregister	N 0179Ø	VIVA
Merkeregister	N 0180B	REMI
Merkeregister	N 0180F	SUNDMANN
Merkeregister	N 0180MS	ERIK ANDRÉ
Merkeregister	N 0180V	CECILIE
Merkeregister	N 0180VV	NONSTIND
Merkeregister	N 0181BØ	VARDEN
Merkeregister	N 0181H	LILLEGUTT
Merkeregister	N 0181ME	GRØNØYTRÅL
Merkeregister	N 0182ME	MIRA
Merkeregister	N 0182VV	RESCUE
Merkeregister	N 0182Ø	NORHAVET
Merkeregister	N 0183MS	FJORDGUTT

Merkeregister	N 0183VV	EMIL ANDRE
Merkeregister	N 0184F	ANGELSEN SR.
Merkeregister	N 0184VV	JORUNN ANNE
Merkeregister	N 0184Ø	ARKTOS
Merkeregister	N 0185MS	JAN BJØRN
Merkeregister	N 0185VV	BALLSTADØY I
Merkeregister	N 0185Ø	BÅR-SAMUEL
Merkeregister	N 0186V	TEKLA
Merkeregister	N 0186VV	NONSTIND
Merkeregister	N 0187VV	BRITT
Merkeregister	N 0188ME	MELØYBAS
Merkeregister	N 0188V	FRANK INGAR
Merkeregister	N 0188Ø	NONSTIND
Merkeregister	N 0190A	SOLTIND
Merkeregister	N 0190BR	MÅKEN
Merkeregister	N 0190MS	FANTORANGEN
Merkeregister	N 0191A	SOLTIND
Merkeregister	N 0191MS	BÅEGGA
Merkeregister	N 0191SO	SENHOLMBUEN
Merkeregister	N 0191Ø	T.O. SENIOR
Merkeregister	N 0192V	RAPPEN
Merkeregister	N 0192VV	MATHILDE
Merkeregister	N 0192Ø	MARTIN
Merkeregister	N 0195MS	KVITUNGEN
Merkeregister	N 0195VV	ASIA
Merkeregister	N 0196B	BARSKIÆR
Merkeregister	N 0196Ø	TORBÅEN
Merkeregister	N 0197B	GIVÆR
Merkeregister	N 0197V	SARAH
Merkeregister	N 0197VV	VÅRBRIS
Merkeregister	N 0198A	SANDVÆR
Merkeregister	N 0198ME	SANDVÆR
Merkeregister	N 0198VV	VÅRBRIS
Merkeregister	N 0199ME	SKÅREN
Merkeregister	N 0199VV	SALTVÆRING
Merkeregister	N 0200A	ANDØYGUTT
Merkeregister	N 0200B	SENIOR (UTGÅTT)
Merkeregister	N 0200DA	ÅKERØY
Merkeregister	N 0200ME	ØRNA
Merkeregister	N 0200MS	SJØFISK
Merkeregister	N 0200N	GENERAL`N
Merkeregister	N 0200V	HESTHOLMEN
Merkeregister	N 0200VV	HIMMELTIND
Merkeregister	N 0200Ø	LIVE ELISE
Merkeregister	N 0201DA	ARNE JOHAN
Merkeregister	N 0201MS	REX
Merkeregister	N 0201V	ARNE GUNNAR
Merkeregister	N 0201VV	HELLE
Merkeregister	N 0202A	KETHO
Merkeregister	N 0202ME	ØYGUTT
Merkeregister	N 0202SO	KETHO
Merkeregister	N 0202V	GUNN-LOTTE
Merkeregister	N 0202VV	LOFOTVÆRING
Merkeregister	N 0203A	GINA MARIE
Merkeregister	N 0203F	RINGSKJÆR NORD
Merkeregister	N 0204A	LINNEA
Merkeregister	N 0205R	HAVBRIS
Merkeregister	N 0206BR	TORGARNES

Merkeregister	N 0206DA	REFORM
Merkeregister	N 0206F	MINIBANKEN
Merkeregister	N 0206MS	OLSTIND
Merkeregister	N 0206R	FRØYABUEN
Merkeregister	N 0206VV	VESTRI
Merkeregister	N 0207MS	PEON
Merkeregister	N 0207V	AUSTNESFJORD
Merkeregister	N 0208MS	VESTRI
Merkeregister	N 0210A	ELISE
Merkeregister	N 0210BR	FLIPPER
Merkeregister	N 0210MS	PEDER (UTGÅTT)
Merkeregister	N 0210SF	MARINA
Merkeregister	N 0210V	GEORG SENIOR
Merkeregister	N 0210VV	PEDER
Merkeregister	N 0210Ø	DEMRING
Merkeregister	N 0211V	LEIF JUNIOR
Merkeregister	N 0211Ø	FJORDBAS
Merkeregister	N 0212SO	FJORDBAS
Merkeregister	N 0212Ø	SANDY
Merkeregister	N 0213A	SANDRA MARIE
Merkeregister	N 0213V	VIKAGUTT
Merkeregister	N 0213Ø	ROS
Merkeregister	N 0214V	LINDA-MARI
Merkeregister	N 0214VV	LINDA-MARI
Merkeregister	N 0214Ø	REGNBUEN
Merkeregister	N 0215F	BØRØY II
Merkeregister	N 0215V	GULVIK
Merkeregister	N 0216V	BALDER
Merkeregister	N 0216VR	TRIO
Merkeregister	N 0217ME	NATHANIEL
Merkeregister	N 0218SF	HILDRING
Merkeregister	N 0219VV	NORDHAUG SENIOR
Merkeregister	N 0220F	LOFOTFISK
Merkeregister	N 0220MS	REINEFJORD
Merkeregister	N 0220VV	HEMMINGODDEN JR
Merkeregister	N 0221V	FISKEBØEN
Merkeregister	N 0222ME	SANDRA
Merkeregister	N 0222V	MORILD
Merkeregister	N 0222VV	AUKRAVÆRING
Merkeregister	N 0223BR	ODIN
Merkeregister	N 0223ME	SANDRA
Merkeregister	N 0223Ø	NORDGRUNN
Merkeregister	N 0225B	RÅNES JR
Merkeregister	N 0225BØ	INGA
Merkeregister	N 0226Ø	SKREIEN
Merkeregister	N 0227B	NILS MØRK
Merkeregister	N 0227Ø	LILLEGUTT
Merkeregister	N 0228Ø	LILLEGUTT
Merkeregister	N 0229A	ROALDSEN JUNIOR
Merkeregister	N 0230H	BALDER
Merkeregister	N 0230MS	HEBE II (UTGÅTT)
Merkeregister	N 0230V	BALDER
Merkeregister	N 0230Ø	LINN
Merkeregister	N 0231A	LINNEA
Merkeregister	N 0232MS	KVALVIKVÆRING
Merkeregister	N 0232V	SJÅBØEN
Merkeregister	N 0232VV	SENJATUN
Merkeregister	N 0233ME	MARIE

Merkeregister	N 0233VV	LASSE
Merkeregister	N 0233Ø	LYNGØYBUEN
Merkeregister	N 0235A	MAJA
Merkeregister	N 0237VA	VESTHAV
Merkeregister	N 0238Ø	ASTRID CHRISTINA
Merkeregister	N 0239Ø	JUNIOR
Merkeregister	N 0240B	HORISONT
Merkeregister	N 0240F	NORDEGG
Merkeregister	N 0240Ø	RYVINGEN
Merkeregister	N 0242V	SKOGNES
Merkeregister	N 0243B	ROS
Merkeregister	N 0243F	ORION
Merkeregister	N 0243SF	SKREIEN
Merkeregister	N 0243VV	ORION
Merkeregister	N 0246Ø	GUNNAR K
Merkeregister	N 0248B	CAKO
Merkeregister	N 0248V	URHOLM
Merkeregister	N 0250F	GUNN
Merkeregister	N 0250L	GUNN
Merkeregister	N 0250V	LAUPSTADVÆRING
Merkeregister	N 0250VV	MARIE
Merkeregister	N 0251B	VILMA
Merkeregister	N 0251V	EA
Merkeregister	N 0251Ø	JOHANNES
Merkeregister	N 0253F	NY-KVIKK
Merkeregister	N 0253V	SVATIND
Merkeregister	N 0253VV	LEIF OLE
Merkeregister	N 0254VV	JOHAN MARTIN
Merkeregister	N 0255Ø	ISABELL
Merkeregister	N 0257BØ	SIGURDSON
Merkeregister	N 0258BØ	JENNY
Merkeregister	N 0258V	TRYGG III
Merkeregister	N 0260V	WILLASSEN
Merkeregister	N 0260Ø	RYVARDEN
Merkeregister	N 0261VV	LANGSKJÆRET
Merkeregister	N 0262B	ASTRID
Merkeregister	N 0262ME	HAVSULA
Merkeregister	N 0262Ø	GLIMT
Merkeregister	N 0263VV	NORØY
Merkeregister	N 0264Ø	LILL RAINER
Merkeregister	N 0265H	ALF MARTIN
Merkeregister	N 0265V	ARNE
Merkeregister	N 0267VV	BÅTSFJORD
Merkeregister	N 0268VV	TRINE
Merkeregister	N 0270B	LAKSHMI
Merkeregister	N 0270VR	SKOGSØYVÆRING
Merkeregister	N 0270Ø	ADENA
Merkeregister	N 0271V	SAGØY
Merkeregister	N 0272MS	FRØYBANKEN
Merkeregister	N 0273Ø	JOHANNE
Merkeregister	N 0276Ø	OLAV DALEN
Merkeregister	N 0277V	RAFN
Merkeregister	N 0277VV	THOMAS
Merkeregister	N 0279BØ	FRAM
Merkeregister	N 0279V	CAMILLA
Merkeregister	N 0280Ø	KLOTIND
Merkeregister	N 0282VV	LINE MARI
Merkeregister	N 0286A	RAYMOND

Merkeregister	N 0287ME	OLAV SELVÅG
Merkeregister	N 0288B	NYHEIM
Merkeregister	N 0289B	ARGUS
Merkeregister	N 0291VV	VÅRSOL
Merkeregister	N 0293B	LINN CHARLOTTE
Merkeregister	N 0295V	NORDLYS
Merkeregister	N 0296BR	FJORDVÅG
Merkeregister	N 0298MS	ANN BRITA
Merkeregister	N 0299F	STRANDVÆRING
Merkeregister	N 0300B	RÅNES VIKING
Merkeregister	N 0300BØ	BØVÆRING
Merkeregister	N 0300DA	ÅKERØY II
Merkeregister	N 0300F	RESCUE
Merkeregister	N 0300MS	NY-PERLON
Merkeregister	N 0300V	SIVERTSEN JR
Merkeregister	N 0300VV	TANGSTADVÆRING
Merkeregister	N 0300Ø	ØYVÆR
Merkeregister	N 0301F	SPURVEN TO
Merkeregister	N 0301VV	SAGA SEA
Merkeregister	N 0302F	BUARØ SENIOR
Merkeregister	N 0302Ø	LANGENES
Merkeregister	N 0304V	VOLLEN
Merkeregister	N 0307LN	M.YTTERSTAD
Merkeregister	N 0310SG	TERNA
Merkeregister	N 0310VV	VIKBERG
Merkeregister	N 0311V	EGILSON
Merkeregister	N 0316L	VON
Merkeregister	N 0316V	ØYULF
Merkeregister	N 0320Ø	LYKKEN
Merkeregister	N 0321A	ALVESTAD
Merkeregister	N 0323ME	EDVIND OLAI
Merkeregister	N 0325MS	BREISUND
Merkeregister	N 0325VA	TVERRØY
Merkeregister	N 0325VV	NYGRUNN
Merkeregister	N 0326Ø	SKIPNES
Merkeregister	N 0328A	FUGLØYBUEN
Merkeregister	N 0328ME	LARS-GØRAN
Merkeregister	N 0330BØ	HEBE II
Merkeregister	N 0330H	HEBE II
Merkeregister	N 0330V	HEBE II
Merkeregister	N 0330VV	LOFOTHAV
Merkeregister	N 0330Ø	ALF MARTIN
Merkeregister	N 0331V	SKARVEN
Merkeregister	N 0333VV	VAREID
Merkeregister	N 0333Ø	SPURVEN TO
Merkeregister	N 0335A	MALIN
Merkeregister	N 0335HR	TROND ROAR
Merkeregister	N 0335VV	STRAUMVÆRING
Merkeregister	N 0336VV	STRAUMVÆRING
Merkeregister	N 0337SG	PER-EGIL
Merkeregister	N 0340V	MÅKEN
Merkeregister	N 0340VV	MEFJORD
Merkeregister	N 0345V	HELLE
Merkeregister	N 0348G	HELLE
Merkeregister	N 0348V	HELLE
Merkeregister	N 0349V	RISVÆR
Merkeregister	N 0350SG	BLINK
Merkeregister	N 0350V	MIA

Merkeregister	N 0354Ø	ANN KARIN
Merkeregister	N 0360VV	AMORIN
Merkeregister	N 0361H	ØYULF
Merkeregister	N 0362Ø	TERNEN
Merkeregister	N 0364V	VIKING
Merkeregister	N 0366V	FJORKAILL
Merkeregister	N 0370Ø	DYNSKJÆR
Merkeregister	N 0371ME	MELØYTIND
Merkeregister	N 0372ME	STRØMTIND
Merkeregister	N 0372Ø	SANDER
Merkeregister	N 0376ME	VAARHEIM
Merkeregister	N 0376VV	VÅRHEIM
Merkeregister	N 0376Ø	VÅRHEIM
Merkeregister	N 0380B	ANNE HEIDI
Merkeregister	N 0382A	SENNHOLMEN
Merkeregister	N 0386VV	TEKLA
Merkeregister	N 0400B	KVANNØY
Merkeregister	N 0400VV	ANNE-GRETHE
Merkeregister	N 0400Ø	NORDMELAVÆRING
Merkeregister	N 0401B	HØVDING
Merkeregister	N 0404A	TOM ROGER
Merkeregister	N 0412B	VILJEN
Merkeregister	N 0415V	STJERNTIND
Merkeregister	N 0417B	KARIANNE
Merkeregister	N 0417L	KLEPPABAS
Merkeregister	N 0431Ø	KLOEGGA
Merkeregister	N 0438V	FISKHOLMEN
Merkeregister	N 0440ME	MELØYVÆRING
Merkeregister	N 0443B	ØYFISK
Merkeregister	N 0443Ø	SPUTNIK
Merkeregister	N 0444ME	MAGNY
Merkeregister	N 0445Ø	PRESTFJORD
Merkeregister	N 0449B	REISENFJORD
Merkeregister	N 0450MS	VIKING
Merkeregister	N 0450V	S JOHANSEN
Merkeregister	N 0450VR	ØYASKJÆR
Merkeregister	N 0454R	LIV GERD
Merkeregister	N 0458HR	MAGNE
Merkeregister	N 0458Ø	FRØYA
Merkeregister	N 0459V	SKÅRUNGEN
Merkeregister	N 0460Ø	LASSE KERO
Merkeregister	N 0465V	NESODD
Merkeregister	N 0466VV	ODD
Merkeregister	N 0469Ø	SNØGGEN
Merkeregister	N 0470B	RUBICON
Merkeregister	N 0472A	HAVBRIS
Merkeregister	N 0472V	STAR
Merkeregister	N 0474Ø	ØYABUEN
Merkeregister	N 0475VV	STORFJORDVÆRING
Merkeregister	N 0477ME	NORDLYS
Merkeregister	N 0479ME	NORDLYS
Merkeregister	N 0481G	SIRIUS
Merkeregister	N 0487V	BREMVÆRING
Merkeregister	N 0510MS	TROND GAUTE
Merkeregister	N 0510VV	TROND GAUTE (UTGÅTT)
Merkeregister	N 0534SG	HILDE
Merkeregister	N 0555BØ	STATTEGG
Merkeregister	N 0555VV	TROND-ANTON

Merkeregister	N 0568HR	SKJÆRBUEN
Merkeregister	N 0619V	MAGNA
Merkeregister	NT0001F	BLÅMANN
Merkeregister	NT0001I	MAY VANJA
Merkeregister	NT0001L	GUNBJØRG
Merkeregister	NT0001LV	SJØNES
Merkeregister	NT0001N	SOLBAS
Merkeregister	NT0001NL	BROMLE
Merkeregister	NT0001NR	MARØYVÅG
Merkeregister	NT0001V	VESLEPER
Merkeregister	NT0001VL	MARIELL
Merkeregister	NT0001VN	JAN IVAR
Merkeregister	NT0002F	MORILD
Merkeregister	NT0002L	NYHOLM
Merkeregister	NT0002LA	LEKAGUTT
Merkeregister	NT0002N	STJERNA
Merkeregister	NT0002NR	STINE SOFIE
Merkeregister	NT0002V	VALØ SENIOR
Merkeregister	NT0002VN	VERRAFJORD
Merkeregister	NT0003F	ROY
Merkeregister	NT0003L	VÅGEN
Merkeregister	NT0003LA	MAJA
Merkeregister	NT0003N	ORION
Merkeregister	NT0003NR	TINE
Merkeregister	NT0003V	IDA
Merkeregister	NT0003VN	TERNA
Merkeregister	NT0004L	DRONEN
Merkeregister	NT0004LA	RØINGEN
Merkeregister	NT0004NR	ALEXIS
Merkeregister	NT0004V	HÅVTIND
Merkeregister	NT0005F	OK
Merkeregister	NT0005FA	TRYGVASON
Merkeregister	NT0005LA	LEKNESBUEN
Merkeregister	NT0005NR	BIRGER JOHAN
Merkeregister	NT0005V	LIBU
Merkeregister	NT0006NR	RASKEN
Merkeregister	NT0006V	MALMEN
Merkeregister	NT0007F	VIKAGUTT
Merkeregister	NT0007FA	KAMERAT
Merkeregister	NT0007NR	FRIHETEN
Merkeregister	NT0007V	SOFIE
Merkeregister	NT0008F	NEBBEN
Merkeregister	NT0008NR	SARE
Merkeregister	NT0008SD	ROCKMANN
Merkeregister	NT0008V	BALA
Merkeregister	NT0009NR	LOMSØY
Merkeregister	NT0009SD	BRAVOUR
Merkeregister	NT0010F	BIG BOSS
Merkeregister	NT0010FA	JUNITA
Merkeregister	NT0010L	MEHAV
Merkeregister	NT0010NR	GULLFISK
Merkeregister	NT0010S	PEGASUS
Merkeregister	NT0010V	ELDORADO
Merkeregister	NT0010VL	JUNITA
Merkeregister	NT0011N	SILD
Merkeregister	NT0011NR	TRIO
Merkeregister	NT0011S	JONAS
Merkeregister	NT0011V	SULAVÅG I

Merkeregister	NT0012F	SVANEN
Merkeregister	NT0012FA	KATO
Merkeregister	NT0012L	MEHAV
Merkeregister	NT0012NR	SILVER
Merkeregister	NT0012V	ORION
Merkeregister	NT0014LA	ØRNSKJÆR
Merkeregister	NT0014NR	SANDHOLM
Merkeregister	NT0014V	GURO
Merkeregister	NT0015NR	OTTESEN JUNIOR
Merkeregister	NT0015V	HOPEN
Merkeregister	NT0016F	ARINA
Merkeregister	NT0016N	NYDØNNING
Merkeregister	NT0016NR	TIKA
Merkeregister	NT0016V	SANDER
Merkeregister	NT0016VL	THORALF
Merkeregister	NT0017F	SOFIE-BEATE
Merkeregister	NT0017L	BODIL
Merkeregister	NT0017V	ORYX
Merkeregister	NT0018F	VALCO
Merkeregister	NT0018NR	BØLGEN
Merkeregister	NT0018SD	ROCKMANN
Merkeregister	NT0018V	KIM ROGER
Merkeregister	NT0019NR	SANDER
Merkeregister	NT0019SD	GUTTA BOYS
Merkeregister	NT0019V	HYDRA
Merkeregister	NT0020FA	LISBETH
Merkeregister	NT0020NR	MARITHA
Merkeregister	NT0020V	VIKING
Merkeregister	NT0021NR	SJØBRIS
Merkeregister	NT0022NR	RASKEN
Merkeregister	NT0022V	REMY
Merkeregister	NT0023NR	NYVÅG
Merkeregister	NT0023V	BAKKEBUEN
Merkeregister	NT0024V	KVALØYFJORD
Merkeregister	NT0025NR	ARNØYVÆR
Merkeregister	NT0025V	ELIAS
Merkeregister	NT0026NR	THOR
Merkeregister	NT0026V	HAVBLOMST
Merkeregister	NT0027NR	KNOTTIND
Merkeregister	NT0028NR	KNØTTE
Merkeregister	NT0029NR	FLAMINGO
Merkeregister	NT0029V	LISSBUEN
Merkeregister	NT0030NR	ARNØYFJORD
Merkeregister	NT0030V	DINA
Merkeregister	NT0031V	SKARVEN
Merkeregister	NT0032NR	BØLGEN
Merkeregister	NT0032V	FLYFISK
Merkeregister	NT0033NR	MIKAEL 2
Merkeregister	NT0033V	NOGVAGUTT
Merkeregister	NT0034V	INGER
Merkeregister	NT0035N	OTTERØYBUEN
Merkeregister	NT0035V	GRIMSBØ
Merkeregister	NT0036V	BRUSØYSKJÆR
Merkeregister	NT0037LA	HAVSØLV
Merkeregister	NT0039V	TUNFISK
Merkeregister	NT0040F	SAFIR
Merkeregister	NT0041NR	BREIVIK JUNIOR
Merkeregister	NT0041V	ANTON JUNIOR

Merkeregister	NT0042NR	BUØY
Merkeregister	NT0043V	HAVBLIKK
Merkeregister	NT0044NR	BREIVIK JUNIOR
Merkeregister	NT0044V	BREIVIK JUNIOR
Merkeregister	NT0045NR	DOLMAUNE
Merkeregister	NT0045V	STRØMVÆRING
Merkeregister	NT0046V	VESLEMØY
Merkeregister	NT0048N	ARON
Merkeregister	NT0048V	ODD
Merkeregister	NT0050NR	ARNØYFJORD
Merkeregister	NT0051NR	SILJE
Merkeregister	NT0052V	STEFAN
Merkeregister	NT0055NR	HEGE
Merkeregister	NT0058LA	LEKABUEN
Merkeregister	NT0058V	VÅGØYBUEN
Merkeregister	NT0060LA	LEIHOLM
Merkeregister	NT0060NR	HASTING
Merkeregister	NT0060V	BELL ROCK
Merkeregister	NT0064NR	ØRNSKJÆR
Merkeregister	NT0064V	LYNN MARY
Merkeregister	NT0067NR	JANKO
Merkeregister	NT0068FS	KJELLABUEN
Merkeregister	NT0068NR	TORODD
Merkeregister	NT0069F	MERLIN
Merkeregister	NT0070F	IKAROS
Merkeregister	NT0070NR	JANNE KARINA
Merkeregister	NT0070V	WILLIKSEN SENIOR
Merkeregister	NT0071N	ALTEBUEN
Merkeregister	NT0071V	FROVÆRING
Merkeregister	NT0072NR	MARØYSKJÆR
Merkeregister	NT0072V	HAVBØEN
Merkeregister	NT0074NR	MIKAEL
Merkeregister	NT0075V	HARALD BERGE
Merkeregister	NT0076V	HARALD BERGE
Merkeregister	NT0077NR	REAL
Merkeregister	NT0079V	TERNEN
Merkeregister	NT0080NR	JANNE KARINA
Merkeregister	NT0080V	SETTNØY-JUNIOR
Merkeregister	NT0081NR	OTTESEN-JUNIOR
Merkeregister	NT0081V	BAKKEVÆRING
Merkeregister	NT0082NR	ALBING
Merkeregister	NT0086V	GRIMSHOLM
Merkeregister	NT0088N	BUSTER
Merkeregister	NT0088NR	ABELVÆRING
Merkeregister	NT0088V	MALO
Merkeregister	NT0093V	JULIE
Merkeregister	NT0094V	SNEFJELL
Merkeregister	NT0096V	ØYVÆR
Merkeregister	NT0098V	GRIMSHOLM
Merkeregister	NT0100V	STIG HARRY
Merkeregister	NT0102V	JUNIOR
Merkeregister	NT0107F	AUKEN
Merkeregister	NT0108V	K.R. SENIOR
Merkeregister	NT0111V	BUHOLMEN
Merkeregister	NT0112F	KVALØYSKJÆR
Merkeregister	NT0118V	KIM ROGER I
Merkeregister	NT0120V	VESTHAV
Merkeregister	NT0121LA	LEKAVÆRING

Merkeregister	NT0121NR	NORVEIG
Merkeregister	NT0122V	ONSØYGUTT
Merkeregister	NT0124V	STORVIK
Merkeregister	NT0125NR	OLE J
Merkeregister	NT0125V	SJØBRIS
Merkeregister	NT0126V	SETTNØY JUNIOR
Merkeregister	NT0127V	VIKNAFJORD
Merkeregister	NT0129NR	NORDLYS
Merkeregister	NT0129V	SANNAJENTA
Merkeregister	NT0130NR	STEINSØY
Merkeregister	NT0130V	NYHAV
Merkeregister	NT0136V	GISUND
Merkeregister	NT0141V	SIGNAL
Merkeregister	NT0143V	MÅKEN
Merkeregister	NT0151V	SØRØYA
Merkeregister	NT0157V	NORDLYS
Merkeregister	NT0161V	AUNSKJÆR
Merkeregister	NT0164V	ANDERØY
Merkeregister	NT0169V	VANDSØYVÅG
Merkeregister	NT0175NR	HAVBUEN
Merkeregister	NT0177V	FRYD
Merkeregister	NT0180V	VIKNAFISK
Merkeregister	NT0181V	BAKKETIND
Merkeregister	NT0185V	FESTUS
Merkeregister	NT0186V	VIKNAFISK
Merkeregister	NT0188V	TOMMY
Merkeregister	NT0200F	SIV HEGE
Merkeregister	NT0200V	TRØNDERKARI
Merkeregister	NT0208V	HAVLINER
Merkeregister	NT0215V	JØRGINE II
Merkeregister	NT0226V	LANGHOLMSUND
Merkeregister	NT0230LA	LEKNES
Merkeregister	NT0233V	ODIN OLIVER
Merkeregister	NT0242V	SULATIND
Merkeregister	NT0246V	VITO
Merkeregister	NT0251V	MAJA
Merkeregister	NT0255V	KRISTIN
Merkeregister	NT0260V	JANNE-LISE
Merkeregister	NT0261V	AUNSKJÆR
Merkeregister	NT0262V	PERLON
Merkeregister	NT0301NR	A-BAS
Merkeregister	NT0301V	STÅLE II
Merkeregister	NT0330V	PER
Merkeregister	NT0338V	STORBOEN
Merkeregister	NT0339V	MERETE
Merkeregister	NT0346V	BRATTSKJÆR
Merkeregister	NT0349V	BUSTEIN
Merkeregister	NT0359V	SINGSHOLM
Merkeregister	NT0364V	BALDUSKA
Merkeregister	NT0400V	EMMA
Merkeregister	NT0401NR	LOPPA
Merkeregister	NT0401V	SØRSTEIN
Merkeregister	NT0410NR	HAVBUEN
Merkeregister	NT0413NR	KJELL
Merkeregister	NT0455V	ØYVÆRING
Merkeregister	NT0467V	SEFRA
Merkeregister	NT0500V	TRØNDERBAS
Merkeregister	O 0003O	LUNA

Merkeregister	O 0004O	LEIK
Merkeregister	O 0005O	PELIKAN
Merkeregister	O 0006O	FJORDGUTT
Merkeregister	O 0007O	RÅN
Merkeregister	O 0008O	HÅKON
Merkeregister	O 0010O	LISA
Merkeregister	O 0011O	LIV III
Merkeregister	O 0012O	LAILA EMILIE
Merkeregister	O 0014O	HELENE
Merkeregister	O 0019O	TRIO
Merkeregister	O 0029O	SJØFUGLEN
Merkeregister	R 0001ES	SJARKE
Merkeregister	R 0001F	BREIFOT
Merkeregister	R 0001HA	MIA
Merkeregister	R 0001HM	TRYGG
Merkeregister	R 0001KP	GUNNY
Merkeregister	R 0001R	TORØY
Merkeregister	R 0001RB	HAVSOL
Merkeregister	R 0001S	SIGNAL
Merkeregister	R 0001SK	BUEN 2
Merkeregister	R 0001SO	KURTI
Merkeregister	R 0001SS	ANNE KATHARINA
Merkeregister	R 0001ST	KARINO
Merkeregister	R 0001TV	NESBUEN
Merkeregister	R 0001V	TOLLAK
Merkeregister	R 0002B	NILSSAGUT
Merkeregister	R 0002ES	EBENEZER
Merkeregister	R 0002F	SELVÅGBUEN
Merkeregister	R 0002FD	ÅS SJØEN
Merkeregister	R 0002G	RONNY
Merkeregister	R 0002H	ANDUNGEN
Merkeregister	R 0002HA	NYSUND
Merkeregister	R 0002HM	MADELEN
Merkeregister	R 0002K	E.J.K
Merkeregister	R 0002KP	GLADLAKSEN
Merkeregister	R 0002S	LEVI
Merkeregister	R 0002SK	BUEN
Merkeregister	R 0002SO	CARISA
Merkeregister	R 0002ST	LAKVA
Merkeregister	R 0002TV	NESKVIKKEN
Merkeregister	R 0002U	MATHILDE
Merkeregister	R 0002V	VESTMØY
Merkeregister	R 0003B	ARSBUEN
Merkeregister	R 0003ES	GULDRINGNES
Merkeregister	R 0003F	VALLAFLUD
Merkeregister	R 0003FD	SOFIE
Merkeregister	R 0003H	EMO
Merkeregister	R 0003K	VIKINGBANK
Merkeregister	R 0003KV	LANGØY
Merkeregister	R 0003S	ELLA
Merkeregister	R 0003SD	DAMASKUS
Merkeregister	R 0003SK	DANI
Merkeregister	R 0003SO	HAVDUR
Merkeregister	R 0003ST	KRABBEN
Merkeregister	R 0003TV	KROLEI
Merkeregister	R 0003U	VIBI
Merkeregister	R 0003V	SANDEIDBUEN
Merkeregister	R 0004B	NILSSABAS

Merkeregister	R 0004ES	LEPPEFISK
Merkeregister	R 0004F	KLEPPEN
Merkeregister	R 0004FD	BERGEVIK
Merkeregister	R 0004H	FINN
Merkeregister	R 0004HA	FLOSKJÆR
Merkeregister	R 0004K	BUØY
Merkeregister	R 0004R	SJØTROLL
Merkeregister	R 0004S	B.VASSØY
Merkeregister	R 0004SD	BØEN II
Merkeregister	R 0004SK	LINDA
Merkeregister	R 0004SO	BASTIAN
Merkeregister	R 0004SS	TANITA
Merkeregister	R 0004ST	KRISTINA
Merkeregister	R 0004TV	GULASKJÆR
Merkeregister	R 0005B	HÅFLU II
Merkeregister	R 0005ES	FISKEBØEN
Merkeregister	R 0005FD	LYSEFJORD
Merkeregister	R 0005HM	JØSNESBUEN
Merkeregister	R 0005K	HOLM
Merkeregister	R 0005S	SANGIS
Merkeregister	R 0005SA	ROGER
Merkeregister	R 0005SD	TØSSEN
Merkeregister	R 0005SK	JB
Merkeregister	R 0005SO	ROTTFISK
Merkeregister	R 0005ST	FALKVINGE
Merkeregister	R 0005TV	KNAUSEN
Merkeregister	R 0005V	TERNA
Merkeregister	R 0006B	VESTERVÅG
Merkeregister	R 0006H	STINTO
Merkeregister	R 0006HM	KONGSNES
Merkeregister	R 0006K	TØRRFISK
Merkeregister	R 0006S	THOMAS
Merkeregister	R 0006SD	MARVIKBUEN
Merkeregister	R 0006ST	HENIA
Merkeregister	R 0006TV	DOWNBEACH
Merkeregister	R 0006V	SVANEN
Merkeregister	R 0007ES	RAMONA
Merkeregister	R 0007F	NORDFLU
Merkeregister	R 0007H	KRABBEN
Merkeregister	R 0007K	VEA
Merkeregister	R 0007R	LARS GUNNAR
Merkeregister	R 0007S	ÅSGUTT
Merkeregister	R 0007SK	MARTOR
Merkeregister	R 0007SO	SOLAGUTT
Merkeregister	R 0007U	ERLING
Merkeregister	R 0007V	RAPPEN
Merkeregister	R 0008ES	INGEBORG
Merkeregister	R 0008F	FOSSEKALLEN
Merkeregister	R 0008HM	CB
Merkeregister	R 0008K	VESTLENDING
Merkeregister	R 0008S	ELDORADO III
Merkeregister	R 0008SD	SILDEN
Merkeregister	R 0008SK	VESTAVIND
Merkeregister	R 0008SO	VEST
Merkeregister	R 0008TV	ARVE
Merkeregister	R 0008U	UNI
Merkeregister	R 0008V	LAKSEN
Merkeregister	R 0009ES	ELINE

Merkeregister	R 0009F	KLEPPEVIK
Merkeregister	R 0009H	SCOMBRUS JR
Merkeregister	R 0009HA	VÅGSBUEN
Merkeregister	R 0009HM	LABRUS
Merkeregister	R 0009K	OLTER
Merkeregister	R 0009S	VASSØYGUTT
Merkeregister	R 0009SD	MÅSEN
Merkeregister	R 0009SK	TEODOR
Merkeregister	R 0009ST	SILVER II
Merkeregister	R 0009TV	KAVRINGEN
Merkeregister	R 0009U	GULDRINGNES
Merkeregister	R 0009V	KOBBEN
Merkeregister	R 0010B	LOMMEN
Merkeregister	R 0010ES	SEGLEM
Merkeregister	R 0010K	HAVLYN
Merkeregister	R 0010S	ABYSS
Merkeregister	R 0010SK	SOLSTRAND
Merkeregister	R 0010SO	HUGEN
Merkeregister	R 0011B	NORAVIND
Merkeregister	R 0011ES	MALENE
Merkeregister	R 0011F	RAVNØY
Merkeregister	R 0011H	LIBERO
Merkeregister	R 0011K	FJORDTRÅL
Merkeregister	R 0011KV	TJELD
Merkeregister	R 0011SD	MÅSAFINN
Merkeregister	R 0011SK	STRANNO
Merkeregister	R 0011ST	IDSE JR
Merkeregister	R 0011TV	NESBUEN
Merkeregister	R 0012B	JARSTEIN
Merkeregister	R 0012ES	TANGBUEN
Merkeregister	R 0012H	ØYGUTT
Merkeregister	R 0012R	VIGGO JR.
Merkeregister	R 0012S	HAVBRIS
Merkeregister	R 0012SK	GLIMT
Merkeregister	R 0012ST	ANFIELD
Merkeregister	R 0012TV	TEIST
Merkeregister	R 0013ES	CAPRICE
Merkeregister	R 0013HA	ALF MAGNE
Merkeregister	R 0013K	OLE ANNA
Merkeregister	R 0013SK	TRULS
Merkeregister	R 0013TV	VITO
Merkeregister	R 0013U	SMÅTTEN
Merkeregister	R 0013V	TOLLAK JUNIOR
Merkeregister	R 0014B	BRIO
Merkeregister	R 0014F	VESSIBUEN
Merkeregister	R 0014H	JULIA
Merkeregister	R 0014HA	NITA
Merkeregister	R 0014K	ATHENA
Merkeregister	R 0014KP	SINDRE
Merkeregister	R 0014SD	RODIAN JUNIOR
Merkeregister	R 0014TV	NESØY
Merkeregister	R 0014V	RISHOLM
Merkeregister	R 0015B	BØLGEN
Merkeregister	R 0015ES	MYKLEBUST
Merkeregister	R 0015H	BOFFEN
Merkeregister	R 0015K	CETUS
Merkeregister	R 0015S	HÅBET
Merkeregister	R 0015SD	OLAV

Merkeregister	R 0015SK	STINE
Merkeregister	R 0015TV	FANGST
Merkeregister	R 0016ES	BRAVO 2
Merkeregister	R 0016HA	VESTRI
Merkeregister	R 0016K	MARISSA
Merkeregister	R 0016SK	NINA
Merkeregister	R 0016ST	LILLEGUTT
Merkeregister	R 0017H	SCOMBRUS
Merkeregister	R 0017HA	VÅGEN
Merkeregister	R 0017K	DRISTIG
Merkeregister	R 0017ST	IDSEGUTT
Merkeregister	R 0017TV	KRAKK
Merkeregister	R 0017V	ZICO
Merkeregister	R 0018ES	KRABBEN
Merkeregister	R 0018HM	MAREIS
Merkeregister	R 0018K	IKATO
Merkeregister	R 0018R	TORØY II
Merkeregister	R 0018S	VASSØYGUTT
Merkeregister	R 0018SO	OPTIMIST
Merkeregister	R 0018ST	LAMO
Merkeregister	R 0018U	LOBSTER KING
Merkeregister	R 0019B	KUFFEN
Merkeregister	R 0019ES	ELINE
Merkeregister	R 0019F	MERKEL
Merkeregister	R 0019R	FLUSTEIN
Merkeregister	R 0019V	TEISTEN
Merkeregister	R 0020B	VÅGHOLM
Merkeregister	R 0020ES	SVANEN
Merkeregister	R 0020K	MOLINERGUTT
Merkeregister	R 0020KP	STORLAKSEN
Merkeregister	R 0020R	UTSTEIN
Merkeregister	R 0020S	JAMA
Merkeregister	R 0020SD	RODIAN
Merkeregister	R 0020SK	DELFIN
Merkeregister	R 0020SO	JOREMO
Merkeregister	R 0020ST	TEIS
Merkeregister	R 0020TV	VESTSTEIN
Merkeregister	R 0021ES	RITA S
Merkeregister	R 0021H	VIGDIS
Merkeregister	R 0021K	IRENE
Merkeregister	R 0021R	TORDENSKJOLD
Merkeregister	R 0021SD	VÅGAN
Merkeregister	R 0021ST	SØRBAS
Merkeregister	R 0022B	HÅFLU
Merkeregister	R 0022ES	GLIMT
Merkeregister	R 0022HA	TONNY
Merkeregister	R 0022K	LYN
Merkeregister	R 0022KV	GÅSHOLM
Merkeregister	R 0022SK	MERSEY
Merkeregister	R 0022U	SIGRID MARIE
Merkeregister	R 0023B	KANSAS
Merkeregister	R 0023ES	SILJE
Merkeregister	R 0023K	KANSAS
Merkeregister	R 0023SK	ELIN
Merkeregister	R 0024B	VÅGAN
Merkeregister	R 0024HA	VESTRI
Merkeregister	R 0024K	MJØLNER
Merkeregister	R 0025ES	ARA

Merkeregister	R 0025K	EMO
Merkeregister	R 0026K	PINGVIN II
Merkeregister	R 0026ST	FRIMAR
Merkeregister	R 0027B	VÅGANES
Merkeregister	R 0027H	RUSKEN
Merkeregister	R 0027K	OPHELIA
Merkeregister	R 0027ST	SVINTEN
Merkeregister	R 0027TV	ØSTEBØVIK
Merkeregister	R 0028K	EMO
Merkeregister	R 0028SK	SINE
Merkeregister	R 0029ES	SVÅHOLM
Merkeregister	R 0029KV	EIMA
Merkeregister	R 0029S	RASKEN
Merkeregister	R 0030ES	ASTERIX
Merkeregister	R 0030F	HOVDAGUT
Merkeregister	R 0030K	KARMØYFISK
Merkeregister	R 0030S	VASSØYBUEN
Merkeregister	R 0031ES	SKADBERG
Merkeregister	R 0031R	SOLAAS
Merkeregister	R 0031TV	TENDHOLM
Merkeregister	R 0033ES	VÅRSOL
Merkeregister	R 0033K	VEIFLU
Merkeregister	R 0033SK	SANDSBUEN
Merkeregister	R 0033SO	FREIDIG
Merkeregister	R 0034ES	SIRAFISK
Merkeregister	R 0034K	HOLMEN
Merkeregister	R 0035ES	GAMA
Merkeregister	R 0035K	GUNNER
Merkeregister	R 0035SO	BLÅMANN
Merkeregister	R 0036ES	FANNY
Merkeregister	R 0036KV	LEIABU
Merkeregister	R 0036TV	LANGØYSUND
Merkeregister	R 0037K	JANNE
Merkeregister	R 0037TV	LAIKA
Merkeregister	R 0038ES	NYSUND
Merkeregister	R 0038SK	DONNA
Merkeregister	R 0038SO	BOIE
Merkeregister	R 0039H	CHRISTINA
Merkeregister	R 0040B	MIRA
Merkeregister	R 0040H	RADAR
Merkeregister	R 0040K	HOPHOLM
Merkeregister	R 0040S	ROLLEIVSON
Merkeregister	R 0041ES	SVEIN
Merkeregister	R 0041K	VEAFISK
Merkeregister	R 0041TV	SJØSTJERNA
Merkeregister	R 0042K	JIM
Merkeregister	R 0043K	EILEN
Merkeregister	R 0043SD	FLYNDRÅ
Merkeregister	R 0043U	VIKING
Merkeregister	R 0044B	KVIKKEN
Merkeregister	R 0044H	HAVØY
Merkeregister	R 0045ES	FLONI
Merkeregister	R 0045K	SOLGLYTT
Merkeregister	R 0046K	LUCKY
Merkeregister	R 0047ES	KRABBEN
Merkeregister	R 0047K	KVARTNES
Merkeregister	R 0048SK	ANN KRISTIN
Merkeregister	R 0049K	WAARØY

Merkeregister	R 0050B	VARHOLM
Merkeregister	R 0050F	KVIKK
Merkeregister	R 0050K	QUO VADIS
Merkeregister	R 0051ES	JOHN JUNIOR
Merkeregister	R 0051K	SYREBUEN
Merkeregister	R 0052K	NORLI
Merkeregister	R 0053K	SJØGLIMT
Merkeregister	R 0055ES	SMÅEN
Merkeregister	R 0055K	HOPVÅG
Merkeregister	R 0056V	LOMVI
Merkeregister	R 0057ES	GETA
Merkeregister	R 0057K	HARALD
Merkeregister	R 0058K	MATEL
Merkeregister	R 0058SK	KARINA
Merkeregister	R 0059ES	ØYESTEIN
Merkeregister	R 0059K	FJORDTRÅL
Merkeregister	R 0060H	CONVOY JUNIOR
Merkeregister	R 0060ST	TRIO
Merkeregister	R 0061K	TERJE
Merkeregister	R 0062ES	TRÅSAVIK
Merkeregister	R 0062K	STRAUMBAS
Merkeregister	R 0063K	ANNA CHRISTINE
Merkeregister	R 0064K	MALI
Merkeregister	R 0065H	CONVOY
Merkeregister	R 0065K	BUKKØY
Merkeregister	R 0066H	CONVOY
Merkeregister	R 0066K	ELVIRA
Merkeregister	R 0066SO	SJØLYST
Merkeregister	R 0067K	ELISABETH
Merkeregister	R 0068K	ÅKRABUEN
Merkeregister	R 0068TV	TEISTEN
Merkeregister	R 0069ES	ULKEN
Merkeregister	R 0069K	VEIDING
Merkeregister	R 0069ST	HÅKON
Merkeregister	R 0070ES	NYSKJÆR
Merkeregister	R 0070H	JOHN KARINA
Merkeregister	R 0070K	VEIFLU
Merkeregister	R 0070TV	PALMER
Merkeregister	R 0071H	ØYMON
Merkeregister	R 0071R	LARS GUNNAR
Merkeregister	R 0071SK	KVALEN
Merkeregister	R 0072K	REPSØY
Merkeregister	R 0073K	HAVBRIS
Merkeregister	R 0074ES	SAW
Merkeregister	R 0075F	SJØSPRØYT
Merkeregister	R 0076K	LOM
Merkeregister	R 0077B	LYKKEN
Merkeregister	R 0077ES	SKÅRHOLM
Merkeregister	R 0077K	SKÅRHOLM
Merkeregister	R 0077R	HERKULES
Merkeregister	R 0077SK	VESTAVIND
Merkeregister	R 0078HA	BJØRN
Merkeregister	R 0080ES	ROALDSEN
Merkeregister	R 0081K	CHANTELLE
Merkeregister	R 0082TV	FJORDGUTT
Merkeregister	R 0084ES	BØEN JUNIOR
Merkeregister	R 0085ES	BØEN
Merkeregister	R 0085K	LAIKA

Merkeregister	R 0085SD	BØEN
Merkeregister	R 0087K	SKÅRHOLM
Merkeregister	R 0090B	MIRA
Merkeregister	R 0090K	AGATHE
Merkeregister	R 0094K	CETUS
Merkeregister	R 0095K	TRIO
Merkeregister	R 0100K	KONSIS
Merkeregister	R 0100ST	BAS
Merkeregister	R 0105K	DUØY
Merkeregister	R 0110K	FLØSUND
Merkeregister	R 0111K	RIMA
Merkeregister	R 0112ES	SAILOR
Merkeregister	R 0112K	SEISKJER
Merkeregister	R 0115K	NOTMANN
Merkeregister	R 0117K	ELI R
Merkeregister	R 0118K	GANTHI
Merkeregister	R 0120K	NINA
Merkeregister	R 0122K	SJØVIK
Merkeregister	R 0123K	BLANCO
Merkeregister	R 0128K	VIGGO
Merkeregister	R 0129K	SJØBAS
Merkeregister	R 0130K	TUENES
Merkeregister	R 0132K	ERLY
Merkeregister	R 0133K	ERLY
Merkeregister	R 0134K	MONICA SENIOR
Merkeregister	R 0139K	MONICA SENIOR
Merkeregister	R 0140K	ROLLEIVSON
Merkeregister	R 0144K	ANTOVE
Merkeregister	R 0148K	SOLVIK
Merkeregister	R 0149ES	EKKO
Merkeregister	R 0151ES	VIDAR
Merkeregister	R 0151K	VÅGAVIK
Merkeregister	R 0156K	DØLØY
Merkeregister	R 0157K	SKUDE
Merkeregister	R 0162K	LYN
Merkeregister	R 0168K	STRAND
Merkeregister	R 0170K	ANN CARINA
Merkeregister	R 0172K	TORINO
Merkeregister	R 0176K	HÅSKJER
Merkeregister	R 0178K	HELENA
Merkeregister	R 0179K	TRIO
Merkeregister	R 0180K	LOBSTER
Merkeregister	R 0182K	VICMA
Merkeregister	R 0183K	NYBØE
Merkeregister	R 0188K	MONICA SENIOR
Merkeregister	R 0189K	MONICA SENIOR
Merkeregister	R 0193K	GLIMT
Merkeregister	R 0196K	SKUDE SENIOR
Merkeregister	R 0222K	DRIVENES
Merkeregister	R 0233K	SÆVIKTRÅL
Merkeregister	R 0257K	HARALD
Merkeregister	R 0273K	DIMANN
Merkeregister	R 0282K	REIDUN
Merkeregister	R 0286ES	TEKLA
Merkeregister	R 0333K	SALVØY
Merkeregister	R 0344K	TOYA
Merkeregister	R 0349K	LUDO
Merkeregister	R 0359K	JENNY

Merkeregister	R 0403K	JENSEMANN
Merkeregister	R 0408K	NALEY
Merkeregister	R 0409K	JENS
Merkeregister	R 0672K	SKUDEJENTA
Merkeregister	R 0734K	SILVERVÅG
Merkeregister	R 0784K	SILVERVÅG
Merkeregister	R 0790K	ESKIMO
Merkeregister	R 0847TV	MIX
Merkeregister	R 0856K	OLTER
Merkeregister	SF0001A	VESTERHAV
Merkeregister	SF0001B	LINDHOLM
Merkeregister	SF0001BS	ODIN
Merkeregister	SF0001F	NEMO
Merkeregister	SF0001FL	FJORDGLANS
Merkeregister	SF0001GR	TEA
Merkeregister	SF0001H	VÅGHOLM
Merkeregister	SF0001S	FRØYANES
Merkeregister	SF0001ST	MATHILDE
Merkeregister	SF0001SU	LENDING JUNIOR
Merkeregister	SF0001VK	HANNA
Merkeregister	SF0002A	SJØGLANS
Merkeregister	SF0002B	JON-TORE
Merkeregister	SF0002F	J.R. MARITA
Merkeregister	SF0002G	ØYVIND
Merkeregister	SF0002S	BERGHOLM
Merkeregister	SF0002SD	BUKKEN
Merkeregister	SF0002SU	LENDING JUNIOR
Merkeregister	SF0002V	KVALSTEIN
Merkeregister	SF0003B	HAVBÅRA
Merkeregister	SF0003E	LEFDALBUEN
Merkeregister	SF0003F	FRØY
Merkeregister	SF0003FL	BENJAMIN
Merkeregister	SF0003SD	HAVELLA
Merkeregister	SF0003SU	BIKINI
Merkeregister	SF0004A	TOR
Merkeregister	SF0004FD	EIVIND
Merkeregister	SF0004N	ZETA II
Merkeregister	SF0004S	HOVDEN VIKING
Merkeregister	SF0004SD	ARTNES
Merkeregister	SF0004SU	LENDING JUNIOR
Merkeregister	SF0004V	TORBAS
Merkeregister	SF0005A	NYBLOM
Merkeregister	SF0005B	VESTFART
Merkeregister	SF0005FL	ARALDEN JUNIOR
Merkeregister	SF0005N	ZETA
Merkeregister	SF0005S	VESTLINER
Merkeregister	SF0005SU	ØYBAS
Merkeregister	SF0006A	SJØVÆR
Merkeregister	SF0006B	FRØYABUEN
Merkeregister	SF0006N	ODIN
Merkeregister	SF0006S	BRIMØY
Merkeregister	SF0006SU	PINTO
Merkeregister	SF0006V	GAMBLER
Merkeregister	SF0007B	MONICA SENIOR
Merkeregister	SF0007F	SKJONGHOLM
Merkeregister	SF0007SU	ØYGUTT
Merkeregister	SF0007V	YMER
Merkeregister	SF0008A	ATLØY VIKING

Merkeregister	SF0008B	HEIMEN II
Merkeregister	SF0008FL	SANDSKJÆR
Merkeregister	SF0008S	LENDING JUNIOR
Merkeregister	SF0008SU	SVEBAS
Merkeregister	SF0008V	IDA MARIE
Merkeregister	SF0009A	UREDD
Merkeregister	SF0009F	HEDDA
Merkeregister	SF0009SU	SABBEN
Merkeregister	SF0009V	ATLANTIC
Merkeregister	SF0010A	SARA LINNEA
Merkeregister	SF0010B	FRØYHAV
Merkeregister	SF0010FL	SEAFAST
Merkeregister	SF0010G	NATALIE
Merkeregister	SF0010HØ	SOLSUND
Merkeregister	SF0010SU	MARI
Merkeregister	SF0011B	SAM
Merkeregister	SF0011SU	TORGUNNA
Merkeregister	SF0011V	TIN
Merkeregister	SF0011VK	ANDRE
Merkeregister	SF0012A	MOSSNES
Merkeregister	SF0012B	JON-TORE
Merkeregister	SF0012F	BLUEFIN
Merkeregister	SF0012SU	FJORDFISKEREN
Merkeregister	SF0013A	BENJAMIN
Merkeregister	SF0013FL	ØYSUND
Merkeregister	SF0013SU	SULEBOM
Merkeregister	SF0014A	FIX
Merkeregister	SF0014B	SOLBAS
Merkeregister	SF0014F	SJØBAS
Merkeregister	SF0014S	FRØYANES SENIOR
Merkeregister	SF0014SU	SULØY
Merkeregister	SF0014V	MIRJO
Merkeregister	SF0015A	MILLA
Merkeregister	SF0015B	IGLAND
Merkeregister	SF0015F	SOLBUEN
Merkeregister	SF0015N	SÆTHER JUNIOR
Merkeregister	SF0015SU	LYNGØY
Merkeregister	SF0016A	SJØBLOMST
Merkeregister	SF0016B	IGLAND
Merkeregister	SF0016F	ALDA
Merkeregister	SF0016S	BJØRNHAUG
Merkeregister	SF0016SU	VÅRBUD
Merkeregister	SF0016V	HENDANES JR
Merkeregister	SF0017A	BERGØY
Merkeregister	SF0017B	SONJA
Merkeregister	SF0017F	TOMAS
Merkeregister	SF0017SU	SJARMØR
Merkeregister	SF0017V	HENDANES
Merkeregister	SF0018A	JONATHAN
Merkeregister	SF0018B	FØRDE
Merkeregister	SF0018F	ALBACORE
Merkeregister	SF0018SU	SOLEI
Merkeregister	SF0018V	TERJE VIKEN
Merkeregister	SF0019A	MAREN SOFIE
Merkeregister	SF0019B	LINEBAS
Merkeregister	SF0019F	JANICA
Merkeregister	SF0019S	LIKO
Merkeregister	SF0019SU	SKARØY

Merkeregister	SF0020A	CAMPELLA
Merkeregister	SF0020B	VESTSTEINEN
Merkeregister	SF0020F	SOL MAR
Merkeregister	SF0020FL	VIKBAS
Merkeregister	SF0020G	TELO
Merkeregister	SF0020S	ARGO JUNIOR
Merkeregister	SF0020SU	SOLGLYTT
Merkeregister	SF0020V	CARISMA VIKING
Merkeregister	SF0021A	OLE MORTEN
Merkeregister	SF0021B	KELTIC
Merkeregister	SF0021F	RASKEN
Merkeregister	SF0021G	KNOTTEN
Merkeregister	SF0021S	KELTIC
Merkeregister	SF0021V	SJARKE
Merkeregister	SF0022A	ATLØY VIKING
Merkeregister	SF0022B	VESTSTEINEN
Merkeregister	SF0022F	LINDSJØ
Merkeregister	SF0022G	OLEMANN
Merkeregister	SF0022S	SOLSTEIN
Merkeregister	SF0022V	VESTSTEINEN
Merkeregister	SF0023A	DRAKEN
Merkeregister	SF0023B	BRUSEN
Merkeregister	SF0023H	REAL
Merkeregister	SF0023S	ARGOS GEORGIA
Merkeregister	SF0023V	KELTIC
Merkeregister	SF0024A	MAGNUS
Merkeregister	SF0024B	RAYA
Merkeregister	SF0024G	TOBIAS 21
Merkeregister	SF0024S	FRØYANES SENIOR
Merkeregister	SF0024SU	RESØY
Merkeregister	SF0024V	LEPPELINE
Merkeregister	SF0025F	FANØYVÅG
Merkeregister	SF0025SU	LEIK
Merkeregister	SF0025V	NYBAS
Merkeregister	SF0026A	ALISØY
Merkeregister	SF0026B	HARINGBAS
Merkeregister	SF0026F	OLE ERIK
Merkeregister	SF0026SU	MALTON
Merkeregister	SF0027B	JENNY
Merkeregister	SF0027F	MERKUR
Merkeregister	SF0027G	ZICO
Merkeregister	SF0027HØ	HØYANG BJØNN
Merkeregister	SF0028A	INGRID
Merkeregister	SF0028B	VESTFART
Merkeregister	SF0028F	FANØYVÅG (UTGÅTT)
Merkeregister	SF0028SU	JAN-OVE
Merkeregister	SF0030B	STORMHAV
Merkeregister	SF0031G	KOBBEN
Merkeregister	SF0031SU	SALARFISK
Merkeregister	SF0032B	NYHOLM
Merkeregister	SF0032S	FISKUR
Merkeregister	SF0032V	FUREN
Merkeregister	SF0033B	LUN
Merkeregister	SF0033G	VIBEKE HELENE
Merkeregister	SF0033S	LINDISFARNE
Merkeregister	SF0033SU	NÅREBAS
Merkeregister	SF0034A	HAVRO
Merkeregister	SF0034B	KLITTEN

Merkeregister	SF0034F	VILDE
Merkeregister	SF0035B	BREM
Merkeregister	SF0035F	FORSØK
Merkeregister	SF0035S	SELJEVÆR
Merkeregister	SF0036A	ELSY
Merkeregister	SF0036G	ALI
Merkeregister	SF0037B	ANNJO
Merkeregister	SF0038A	SONJA
Merkeregister	SF0038B	RANDI
Merkeregister	SF0038SU	SOLYS
Merkeregister	SF0038V	HAVBÅRA
Merkeregister	SF0039A	NADIA
Merkeregister	SF0040F	YTTERØY
Merkeregister	SF0040G	KATRINE
Merkeregister	SF0040SU	SULINGEN
Merkeregister	SF0041F	ÆSØYBUEN
Merkeregister	SF0041G	OLE
Merkeregister	SF0041S	SKJOLD
Merkeregister	SF0042A	KATRINE
Merkeregister	SF0042B	SVANEN
Merkeregister	SF0042G	KATRINE
Merkeregister	SF0042S	STERLING
Merkeregister	SF0043G	AMANDUS
Merkeregister	SF0043S	BINGO
Merkeregister	SF0044A	OTTOBAS
Merkeregister	SF0045A	BUEFJORD
Merkeregister	SF0045F	BASNES
Merkeregister	SF0046A	VITO
Merkeregister	SF0046B	SJØBREM
Merkeregister	SF0046G	HANSLIV
Merkeregister	SF0046V	GAMBLER
Merkeregister	SF0047B	SHIK
Merkeregister	SF0047F	TOM-ROBERT
Merkeregister	SF0048A	JUNO
Merkeregister	SF0048F	HETLEVIKING
Merkeregister	SF0048G	ØYAVÅG
Merkeregister	SF0048V	DAN
Merkeregister	SF0049A	KOGGEN
Merkeregister	SF0050B	VESTVÆR
Merkeregister	SF0050G	VESTBRIS
Merkeregister	SF0050S	SELJEFISK
Merkeregister	SF0051B	LINDA
Merkeregister	SF0051F	ATHENE
Merkeregister	SF0051SU	SJONGLØR
Merkeregister	SF0052B	SMØYSUND
Merkeregister	SF0052E	HAVSULA
Merkeregister	SF0054A	MARTILDE
Merkeregister	SF0054F	BRIM II
Merkeregister	SF0054V	ATINA
Merkeregister	SF0055F	LENNART
Merkeregister	SF0055S	STATTEGG
Merkeregister	SF0056F	ORION
Merkeregister	SF0056V	BEATE
Merkeregister	SF0057F	HARALD
Merkeregister	SF0057S	TARA
Merkeregister	SF0058A	AUVÆR
Merkeregister	SF0058B	FRIGGEN
Merkeregister	SF0058S	PION

Merkeregister	SF0060A	VESTPYNT
Merkeregister	SF0060B	FISKAREN
Merkeregister	SF0060F	BREIVIK JUNIOR
Merkeregister	SF0060V	REGGY
Merkeregister	SF0061G	AADNE
Merkeregister	SF0062S	STÅLHOLM
Merkeregister	SF0063S	JATOBUEN
Merkeregister	SF0065F	BASNES
Merkeregister	SF0069B	ØYSUND
Merkeregister	SF0069F	HÅSKJÆR
Merkeregister	SF0069SU	BARSTEIN
Merkeregister	SF0070S	ARGO JUNIOR
Merkeregister	SF0070SU	TÅRNSKJER
Merkeregister	SF0071F	TAIFUN
Merkeregister	SF0071SU	PLØY
Merkeregister	SF0072B	VERNING
Merkeregister	SF0073B	KYSTLINER
Merkeregister	SF0075B	FRØYBAS
Merkeregister	SF0075F	VEIBAS
Merkeregister	SF0076S	DJUPAVIK
Merkeregister	SF0077B	FISKEBAS
Merkeregister	SF0077SU	YMER
Merkeregister	SF0077V	HAVFLUNA
Merkeregister	SF0078B	ØYVIND
Merkeregister	SF0078V	SJØGLIMT
Merkeregister	SF0080S	HAVBRIS
Merkeregister	SF0081V	SEIR
Merkeregister	SF0083F	FISKØRN
Merkeregister	SF0083V	CARO
Merkeregister	SF0084G	SJØGUTT
Merkeregister	SF0085SU	MODIG
Merkeregister	SF0085V	TORILL
Merkeregister	SF0086S	HAVBRIS
Merkeregister	SF0087F	BREIVIK
Merkeregister	SF0087S	SAILOR
Merkeregister	SF0088A	LIAVÅG
Merkeregister	SF0088B	GROTLE
Merkeregister	SF0088F	MUNIN
Merkeregister	SF0088S	KATO
Merkeregister	SF0088V	HAVBÅRA
Merkeregister	SF0089V	TOBBEN
Merkeregister	SF0090A	TEVIK
Merkeregister	SF0090S	FJELLMØY
Merkeregister	SF0093S	DRIFTIG
Merkeregister	SF0096B	ANNA
Merkeregister	SF0099G	JOMAR
Merkeregister	SF0100G	RANI
Merkeregister	SF0100S	KVITNES
Merkeregister	SF0100SU	SULEBAS
Merkeregister	SF0100V	SMÅSUND
Merkeregister	SF0101A	TET
Merkeregister	SF0101V	RAGLEFANTEN
Merkeregister	SF0104V	KAMARO
Merkeregister	SF0108V	OPAL
Merkeregister	SF0112V	HAVFLUD
Merkeregister	SF0113SU	SKIVEBOM
Merkeregister	SF0114V	VESTPYNT
Merkeregister	SF0122V	STRANDGUTT

Merkeregister	SF0124V	FRØYANES SENIOR
Merkeregister	SF0125SU	SKARØY
Merkeregister	SF0127S	HARALD JUNIOR
Merkeregister	SF0127V	RINGBAS
Merkeregister	SF0130A	STAVFJORD
Merkeregister	SF0131A	TORE
Merkeregister	SF0131SU	RØSTHOLMEN
Merkeregister	SF0133A	ORIANA
Merkeregister	SF0133B	VIKINGFJOR
Merkeregister	SF0135A	SEIFLU
Merkeregister	SF0137A	EVA KARIN
Merkeregister	SF0139A	SJØFLU
Merkeregister	SF0140V	HAVBLINK
Merkeregister	SF0141B	TORHAV
Merkeregister	SF0142V	ANNE KATRIN
Merkeregister	SF0147V	JANNE
Merkeregister	SF0149A	KODUR
Merkeregister	SF0152S	MYKLEN
Merkeregister	SF0152V	HAVSET
Merkeregister	SF0156V	BEATE
Merkeregister	SF0161F	DAGUR
Merkeregister	SF0161S	ARGO SENIOR
Merkeregister	SF0168V	EKKO
Merkeregister	SF0170V	VESTGUTT
Merkeregister	SF0171B	GROTLAREN
Merkeregister	SF0174A	SVALEN
Merkeregister	SF0174V	BRODD
Merkeregister	SF0175B	IGLAND
Merkeregister	SF0177SU	HAVFLUNA
Merkeregister	SF0180S	KAMØYFISK
Merkeregister	SF0181A	LOLLE
Merkeregister	SF0181SU	NEPTUN
Merkeregister	SF0187S	BERGNEBB
Merkeregister	SF0188S	LIAVÅG
Merkeregister	SF0198S	THERESE
Merkeregister	SF0200B	STEIL
Merkeregister	SF0205SU	SULEGUTT
Merkeregister	SF0206A	TONE HEIDI
Merkeregister	SF0209A	GULASKJÆR
Merkeregister	SF0209B	SKOM
Merkeregister	SF0210V	VESTER JUNIOR
Merkeregister	SF0213S	ODIN
Merkeregister	SF0213V	ODIN
Merkeregister	SF0218V	DRAGON
Merkeregister	SF0220A	HILLERSØY
Merkeregister	SF0220B	NIGARDSØY
Merkeregister	SF0220V	VITO
Merkeregister	SF0221A	JOHN IVAR
Merkeregister	SF0222B	LENDING
Merkeregister	SF0222SU	LOSFISK
Merkeregister	SF0226A	SKÅR SENIOR
Merkeregister	SF0227V	NYKEN
Merkeregister	SF0230F	FISKEBAS
Merkeregister	SF0230S	SAGABRIS
Merkeregister	SF0230V	SAGABRIS
Merkeregister	SF0260S	HOVDEN SENIOR
Merkeregister	SF0263S	KNUT-ARNE
Merkeregister	SF0264B	KATO

Merkeregister	SF0267V	VICTORIA MAY
Merkeregister	SF0270B	SHANTY
Merkeregister	SF0277V	HAVFLUNA
Merkeregister	SF0285V	SATURN
Merkeregister	SF0304S	SELJEØY
Merkeregister	SF0308A	SELVIK JUNIOR
Merkeregister	SF0314SU	SJØMANN S
Merkeregister	SF0411SU	SVEINEGUTT
Merkeregister	SF0460B	EKKO
Merkeregister	SF0488SU	RA II
Merkeregister	ST0001A	AGDENES
Merkeregister	ST0001F	JAN HALVAR
Merkeregister	ST0001H	H.A.H.
Merkeregister	ST0001O	HEPSØHAV
Merkeregister	ST0001OL	KRISTINE
Merkeregister	ST0001R	TYR
Merkeregister	ST0001RS	FRENGEN
Merkeregister	ST0001SI	BORGENFJORD
Merkeregister	ST0002AA	VITO
Merkeregister	ST0002H	VEDØEN
Merkeregister	ST0002HE	LIV MARVIN
Merkeregister	ST0002O	DJUPASKJÆR
Merkeregister	ST0002OL	RYDNINGEN
Merkeregister	ST0002R	MELØYPYNT
Merkeregister	ST0002SK	BOREAS
Merkeregister	ST0002T	LUNA
Merkeregister	ST0002Ø	HELLEFISK
Merkeregister	ST0003AA	ALBION
Merkeregister	ST0003B	VASØYFISK
Merkeregister	ST0003F	PECTEN HARVESTER
Merkeregister	ST0003H	AUD ANITA
Merkeregister	ST0003OL	BORGENFJORD
Merkeregister	ST0003T	AUKNES
Merkeregister	ST0004AA	DANIEL
Merkeregister	ST0004F	NORDHOLMEN
Merkeregister	ST0004H	VERONIKA
Merkeregister	ST0004R	SJØBRIS
Merkeregister	ST0004T	TONY ANDRE
Merkeregister	ST0004Ø	MARIA HELEN
Merkeregister	ST0005AA	NINA
Merkeregister	ST0005F	FRØYSTEIN
Merkeregister	ST0005H	WILMA
Merkeregister	ST0005R	JENTOFT THEODOR
Merkeregister	ST0005SI	VIKING
Merkeregister	ST0005T	HVITSAND SENIOR
Merkeregister	ST0005Ø	SJØHELT
Merkeregister	ST0006B	ZENIT
Merkeregister	ST0006F	SCALLOPS HARVESTER
Merkeregister	ST0006H	ARIEL
Merkeregister	ST0006O	TVERRPLUGGEN
Merkeregister	ST0006R	VIKAGUT
Merkeregister	ST0006SI	VIKASKJÆR
Merkeregister	ST0006T	STRØMØYVÅG
Merkeregister	ST0006Ø	RØKKEBUEN
Merkeregister	ST0007F	FRØYVÆRING
Merkeregister	ST0007H	LILJEN
Merkeregister	ST0007R	RINGSKJÆR
Merkeregister	ST0007T	EMIL

Merkeregister	ST0008AA	VESTRI (UTGÅTT)
Merkeregister	ST0008B	ERVIK
Merkeregister	ST0008F	INGRID-HELEN
Merkeregister	ST0008H	MEGRUNN
Merkeregister	ST0008HE	GAUTE
Merkeregister	ST0008O	RAV
Merkeregister	ST0008R	INGER LISE
Merkeregister	ST0008T	TORSHAV
Merkeregister	ST0008Ø	POLARLYS
Merkeregister	ST0009F	SOLØY
Merkeregister	ST0009H	FÆTTEN
Merkeregister	ST0009O	SJØSTJERNA
Merkeregister	ST0009T	VARNA 4
Merkeregister	ST0010B	HAVBRIS
Merkeregister	ST0010F	MÅSØGUTT
Merkeregister	ST0010O	KVERSØ
Merkeregister	ST0010R	BRANDSØY
Merkeregister	ST0010T	KRISTINE
Merkeregister	ST0010Ø	THOR
Merkeregister	ST0011B	HELLEM JR
Merkeregister	ST0011F	HOLMEN
Merkeregister	ST0011R	HELETO
Merkeregister	ST0012B	MARIA-JULIE
Merkeregister	ST0012F	MÅKEN
Merkeregister	ST0012H	SJØSVANEN
Merkeregister	ST0012R	HAMNAHOLM
Merkeregister	ST0012T	KAI OVE
Merkeregister	ST0012Ø	MARIA-JULIE
Merkeregister	ST0013F	LIBJAN
Merkeregister	ST0013O	CONAN
Merkeregister	ST0013R	SENIOR
Merkeregister	ST0013T	KAI OVE
Merkeregister	ST0014F	TOBIAS
Merkeregister	ST0014H	MARI
Merkeregister	ST0014O	AUNHOLM
Merkeregister	ST0014R	VIKAGUT
Merkeregister	ST0014T	FARK
Merkeregister	ST0015B	HUBORG
Merkeregister	ST0015F	ORMSKJÆR
Merkeregister	ST0015H	SOLØYBUEN
Merkeregister	ST0015R	MONA
Merkeregister	ST0015RS	SALMOBAS
Merkeregister	ST0015T	MAREN
Merkeregister	ST0016AA	ROSENBORGER
Merkeregister	ST0016F	FRIDA
Merkeregister	ST0016H	HEGE-CARINA
Merkeregister	ST0016R	SIV
Merkeregister	ST0016T	ERLE
Merkeregister	ST0017AA	ROSENBORG
Merkeregister	ST0017F	PERO
Merkeregister	ST0017H	MATHILDE
Merkeregister	ST0017O	HAVELLA
Merkeregister	ST0017R	VIMAX
Merkeregister	ST0017SI	LISE
Merkeregister	ST0017T	HAVØRN
Merkeregister	ST0017Ø	HUGNAD
Merkeregister	ST0018AA	VESTVÅG
Merkeregister	ST0018F	EDNA SYNNØVE

Merkeregister	ST0018H	TINZI
Merkeregister	ST0018HE	MAAKEN
Merkeregister	ST0018O	ØYASKJÆR
Merkeregister	ST0018R	SKAGEN
Merkeregister	ST0018T	THEA
Merkeregister	ST0019F	SVANAUG ELISE
Merkeregister	ST0019H	ANDRE
Merkeregister	ST0019O	STEVEN
Merkeregister	ST0019R	RAVNA
Merkeregister	ST0020F	FESKARGUTTEN
Merkeregister	ST0020H	HEGE
Merkeregister	ST0020O	ANITA
Merkeregister	ST0021B	STEINMAR
Merkeregister	ST0021F	SNOOPY
Merkeregister	ST0021O	ANNE-BJØRG
Merkeregister	ST0021R	LOTHE
Merkeregister	ST0021T	VARNA2
Merkeregister	ST0022F	MATHIAS
Merkeregister	ST0022H	AUKAN
Merkeregister	ST0022HE	BSK
Merkeregister	ST0022O	LILLEGUTT
Merkeregister	ST0022T	RUGGEN
Merkeregister	ST0023F	VESTASKJÆR
Merkeregister	ST0023H	WENCHE IRENE
Merkeregister	ST0023T	BARKO
Merkeregister	ST0024AA	FARFAR
Merkeregister	ST0024B	MAILEN
Merkeregister	ST0024F	SYLVIA
Merkeregister	ST0024H	EINVIKBUEN
Merkeregister	ST0025F	ADRIAN
Merkeregister	ST0025H	SANDRA
Merkeregister	ST0025T	RAVN
Merkeregister	ST0026B	GRIMSØY
Merkeregister	ST0026F	HEGE ANITA
Merkeregister	ST0026H	AURORA
Merkeregister	ST0026R	GEIR
Merkeregister	ST0026RS	HEIKO
Merkeregister	ST0027F	ARIEL
Merkeregister	ST0027H	STARFISH
Merkeregister	ST0027R	KÅPA
Merkeregister	ST0028F	RUNAR
Merkeregister	ST0028H	MEA
Merkeregister	ST0028R	MOEN
Merkeregister	ST0029AA	LANGHOLM
Merkeregister	ST0029F	GUNDA
Merkeregister	ST0029H	VASS
Merkeregister	ST0029R	MOEN
Merkeregister	ST0029T	BÅTSMANN
Merkeregister	ST0030F	MONA
Merkeregister	ST0030O	SKIPSON
Merkeregister	ST0030R	BRANDY
Merkeregister	ST0030T	JOLINE
Merkeregister	ST0031F	SALMOBAS
Merkeregister	ST0031O	TERNEN
Merkeregister	ST0031RS	TRØNDERHAV
Merkeregister	ST0032F	VIGRUNN 4
Merkeregister	ST0033F	ARNØY
Merkeregister	ST0033H	TALYN

Merkeregister	ST0033T	RITA MARIE
Merkeregister	ST0034F	SJØROSA II
Merkeregister	ST0034H	ØYHOLM
Merkeregister	ST0034R	WILMANN SEN
Merkeregister	ST0035F	FRAM
Merkeregister	ST0035O	BROR
Merkeregister	ST0036F	MÅKEN
Merkeregister	ST0036O	THORY
Merkeregister	ST0037F	LILL MARIANN
Merkeregister	ST0038F	BÅTSKJÆR
Merkeregister	ST0038H	BENTE-ANNIE
Merkeregister	ST0038HE	ODIN
Merkeregister	ST0038O	MÅKEN
Merkeregister	ST0039F	VALØYSKJÆR
Merkeregister	ST0039T	BÅTSMANN III
Merkeregister	ST0040F	FROAN
Merkeregister	ST0040H	STRØMSKJÆR
Merkeregister	ST0040O	HEPSØFJORD
Merkeregister	ST0041A	SOLBRIS
Merkeregister	ST0041F	KARI
Merkeregister	ST0041O	UNCLE JOHN
Merkeregister	ST0042F	TAMARA
Merkeregister	ST0042H	ELIN ANITA
Merkeregister	ST0043AA	BERGEBUEN
Merkeregister	ST0043F	SENIOR
Merkeregister	ST0044AA	SARE
Merkeregister	ST0044F	NYBERG
Merkeregister	ST0044H	JUTINA
Merkeregister	ST0044T	VARNA
Merkeregister	ST0045AA	ØYBAS
Merkeregister	ST0045F	GRANAT
Merkeregister	ST0045H	MARIUS
Merkeregister	ST0045R	EIVÆRING
Merkeregister	ST0046F	TORIL
Merkeregister	ST0046O	ØYSJARK
Merkeregister	ST0047F	ISAK
Merkeregister	ST0048F	FRØYMANN
Merkeregister	ST0048O	BUHOLMSKJÆR
Merkeregister	ST0049F	KYA
Merkeregister	ST0049T	TRØNDERFISK
Merkeregister	ST0050F	VIGRUNN II
Merkeregister	ST0050O	HOLMEN
Merkeregister	ST0051F	HAVGUTT
Merkeregister	ST0051T	SJØ-LIV
Merkeregister	ST0052F	AGNES
Merkeregister	ST0052H	HITTERVÆRING
Merkeregister	ST0053F	SEIODD
Merkeregister	ST0054F	VASSØY
Merkeregister	ST0055F	FRØYVÆRING
Merkeregister	ST0055H	HITTERØ
Merkeregister	ST0055O	JUNIOR
Merkeregister	ST0055T	PHILIP
Merkeregister	ST0056F	VITO
Merkeregister	ST0056R	HØVDING
Merkeregister	ST0056Ø	RAGNA ELIN
Merkeregister	ST0057AA	LEIKNY
Merkeregister	ST0057F	BOA
Merkeregister	ST0057H	TONJE KRISTIN

Merkeregister	ST0058F	JANN GEORG
Merkeregister	ST0058O	ONSØYGUTT
Merkeregister	ST0059F	EVA-ANNE
Merkeregister	ST0060F	FRØYMANN
Merkeregister	ST0060H	HENRIK
Merkeregister	ST0060O	SKIPSON
Merkeregister	ST0060R	FJORDBAS
Merkeregister	ST0061F	MAXIMUS HARVESTER
Merkeregister	ST0062F	SULØY
Merkeregister	ST0063F	TUNGVÅG
Merkeregister	ST0064F	JOHAN HÅKON
Merkeregister	ST0066F	NEMO
Merkeregister	ST0067F	HØGNI
Merkeregister	ST0067H	STINE SOFIE
Merkeregister	ST0068F	CECILIA
Merkeregister	ST0069F	REMO
Merkeregister	ST0069O	FORSØK
Merkeregister	ST0070F	TELLUS
Merkeregister	ST0070O	HØVIK
Merkeregister	ST0071F	FROVÆRING
Merkeregister	ST0072F	HØVIK
Merkeregister	ST0073F	ORION
Merkeregister	ST0074F	FRIDA
Merkeregister	ST0074T	BERG-LILL
Merkeregister	ST0075F	SOLAN
Merkeregister	ST0075R	EIVÆRING
Merkeregister	ST0076F	FAY ELISABETH
Merkeregister	ST0077F	HEGO
Merkeregister	ST0078F	NINA
Merkeregister	ST0079F	INGEBORG
Merkeregister	ST0080F	FRØYFISK
Merkeregister	ST0080H	MJØLNER 2
Merkeregister	ST0081F	HALTENFISK
Merkeregister	ST0082F	SATURN
Merkeregister	ST0083H	MONICA
Merkeregister	ST0084F	VESTØY
Merkeregister	ST0085F	WIGHT WARRIOR
Merkeregister	ST0085H	TINE MERETHE
Merkeregister	ST0087F	EMMA
Merkeregister	ST0087H	KVERNØYFISK
Merkeregister	ST0088F	ÅRVAK
Merkeregister	ST0090F	VALØYSKJÆR
Merkeregister	ST0091F	ØYGUTT
Merkeregister	ST0092F	GUTTEN
Merkeregister	ST0093F	BRAKAR
Merkeregister	ST0094AA	STORSTEIN
Merkeregister	ST0094F	HELLEFISK
Merkeregister	ST0095F	LUNA
Merkeregister	ST0095H	LEIF
Merkeregister	ST0096F	SJØROSA
Merkeregister	ST0096T	RANDI-HELEN
Merkeregister	ST0098F	MALIN
Merkeregister	ST0100F	LEON OLAI
Merkeregister	ST0101F	MAXIMUS
Merkeregister	ST0102F	BUARØ SENIOR
Merkeregister	ST0103F	ANN KATHRIN
Merkeregister	ST0105H	FRODE
Merkeregister	ST0106F	HILMARSON

Merkeregister	ST0109F	MARIANN
Merkeregister	ST0110F	ALBATROSS
Merkeregister	ST0111H	TERNEN
Merkeregister	ST0111O	BÅTSKJÆR
Merkeregister	ST0111RS	SWANSEA
Merkeregister	ST0115F	VIGGO
Merkeregister	ST0116F	MISAK
Merkeregister	ST0117F	BETTINA
Merkeregister	ST0117O	KALLE
Merkeregister	ST0118F	TIVÅG
Merkeregister	ST0121H	PÅL
Merkeregister	ST0122F	ØYAVÅG
Merkeregister	ST0124F	HAVNEVÅG
Merkeregister	ST0130F	NORDVIK
Merkeregister	ST0133F	SPOSA
Merkeregister	ST0140F	TITRAN
Merkeregister	ST0143F	LUNA
Merkeregister	ST0145F	SULVÆRING
Merkeregister	ST0147F	OLAV JUNIOR
Merkeregister	ST0149F	GÅRDSØY
Merkeregister	ST0150F	HAVLYS
Merkeregister	ST0155F	BARMFJORD
Merkeregister	ST0159AA	FREMAD
Merkeregister	ST0160F	VESTASKJÆR
Merkeregister	ST0161F	HEIKAR
Merkeregister	ST0165F	CAPRI
Merkeregister	ST0166F	FRØYLAND
Merkeregister	ST0168F	KIRSTEN TOVE
Merkeregister	ST0177F	BOGØYVÆRING
Merkeregister	ST0180F	BERGEBAS
Merkeregister	ST0185R	JENNY
Merkeregister	ST0188AA	VESTVÅG
Merkeregister	ST0188F	HAVBRIS
Merkeregister	ST0188H	MARTHE
Merkeregister	ST0188R	VESTVÅG
Merkeregister	ST0195F	MONICA
Merkeregister	ST0201F	SOLVÆR
Merkeregister	ST0214F	MIKAEL
Merkeregister	ST0220F	VIGRUNN
Merkeregister	ST0227H	HJERTØYBUEN
Merkeregister	ST0231F	ASKATI
Merkeregister	ST0233F	VANJA
Merkeregister	ST0234F	SJØBLOMSTEN
Merkeregister	ST0240F	ASTRID
Merkeregister	ST0264F	TONJE
Merkeregister	ST0265F	WÅGØY
Merkeregister	ST0270H	AMALIE
Merkeregister	ST0284F	HANS-ROALD
Merkeregister	ST0300F	JONAS
Merkeregister	ST0301F	LANOFISK
Merkeregister	ST0312F	FALK
Merkeregister	ST0313F	STRØMØYVÅG
Merkeregister	ST0333F	NEPTUN
Merkeregister	ST0340H	MORVIK SEN.
Merkeregister	ST0347F	FALK
Merkeregister	ST0348H	ELIJENTA
Merkeregister	ST0400F	MEHOLM
Merkeregister	ST0488F	ARILDSON

Merkeregister	ST0491F	VESTASKJÆR
Merkeregister	ST0500F	MERCUR
Merkeregister	ST0525H	HITTERØ
Merkeregister	ST0555F	MARIA
Merkeregister	ST0600F	NEPTUN
Merkeregister	ST0711F	AURSØY
Merkeregister	ST0847F	VONAR
Merkeregister	T 0001BG	FLÆSBUEN
Merkeregister	T 0001H	J.BERGVOLL
Merkeregister	T 0001K	NORA
Merkeregister	T 0001KF	NESBUEN
Merkeregister	T 0001KN	SVANEN
Merkeregister	T 0001LK	BALDER
Merkeregister	T 0001N	VIKEN II
Merkeregister	T 0001S	KARL WOLMAR
Merkeregister	T 0001T	BARSUND
Merkeregister	T 0001TK	ULA
Merkeregister	T 0002B	SNETIND
Merkeregister	T 0002H	TØNSNES
Merkeregister	T 0002K	ARCTIC OCEAN
Merkeregister	T 0002KD	NORDNES
Merkeregister	T 0002KF	AMALIE
Merkeregister	T 0002L	FUGLØYFJORD
Merkeregister	T 0002LK	ROLF ASBJØRN
Merkeregister	T 0002N	STORENGBUEN
Merkeregister	T 0002S	SMÅBAS I
Merkeregister	T 0002SD	ØYGAR
Merkeregister	T 0002SK	NYSTART
Merkeregister	T 0002SL	BRATTØY
Merkeregister	T 0002T	HAUNES
Merkeregister	T 0002TK	MÅNES
Merkeregister	T 0002TN	TRANØYJENTA
Merkeregister	T 0003BG	BEN HUR
Merkeregister	T 0003G	LOMEN II
Merkeregister	T 0003H	ELLEN
Merkeregister	T 0003K	LISSBETH
Merkeregister	T 0003KD	TINGANES
Merkeregister	T 0003KF	FRISCO
Merkeregister	T 0003LK	VESTFISK
Merkeregister	T 0003N	REISAVÆRINGEN
Merkeregister	T 0003S	SEGLVIK
Merkeregister	T 0003SD	EKENBORG
Merkeregister	T 0003SK	NICO
Merkeregister	T 0003T	VIKTORIA H
Merkeregister	T 0003TN	RENATE
Merkeregister	T 0004B	SAMSON
Merkeregister	T 0004BG	FRØGRUNN
Merkeregister	T 0004H	VÅGAR
Merkeregister	T 0004K	STEINNESVÆRING
Merkeregister	T 0004KD	SKROTNES
Merkeregister	T 0004KF	BJØRNHAV
Merkeregister	T 0004KN	ASBJØRNSONN
Merkeregister	T 0004LK	ALISA
Merkeregister	T 0004N	LITEN JUNIOR
Merkeregister	T 0004SA	BREMSJØ
Merkeregister	T 0004T	ODD LINDBERG
Merkeregister	T 0005B	FJORDFISK
Merkeregister	T 0005BG	FJORDFANGST

Merkeregister	T 0005D	LANGHAMN
Merkeregister	T 0005H	OLE-ARVID NERGÅRD
Merkeregister	T 0005K	JANNE-MARIE
Merkeregister	T 0005KD	MIRA
Merkeregister	T 0005KF	WILLYSON
Merkeregister	T 0005L	ØRAFISK
Merkeregister	T 0005LK	EINARSON
Merkeregister	T 0005MV	ARN
Merkeregister	T 0005N	GRETEA
Merkeregister	T 0005S	LUNA
Merkeregister	T 0005SA	GLADIATOR
Merkeregister	T 0005SD	ORBIT
Merkeregister	T 0005T	SKJERODDEN
Merkeregister	T 0005TK	CEBU
Merkeregister	T 0005TN	LOMSTIND
Merkeregister	T 0006BG	BERGLIBUEN (UTGÅTT)
Merkeregister	T 0006H	KJELL OTTO
Merkeregister	T 0006I	VALLY
Merkeregister	T 0006KD	YLVA
Merkeregister	T 0006KN	STRØMØY
Merkeregister	T 0006LK	HUSØYSUND
Merkeregister	T 0006N	BALDER
Merkeregister	T 0006S	SEGLVIK
Merkeregister	T 0006SA	MONSUN
Merkeregister	T 0006SD	FJORDFISK
Merkeregister	T 0006SK	GEIR
Merkeregister	T 0006T	KVITUNGEN
Merkeregister	T 0006TK	SIFJORD
Merkeregister	T 0007D	SPURVEN
Merkeregister	T 0007H	KASFJORD
Merkeregister	T 0007K	BIRGITTE
Merkeregister	T 0007KD	BASSØY
Merkeregister	T 0007L	ISICA
Merkeregister	T 0007N	SOIANA
Merkeregister	T 0007S	HAVGLIMT 3
Merkeregister	T 0007SA	HARMONI
Merkeregister	T 0007SD	COLLIN
Merkeregister	T 0007SK	NOVATIND
Merkeregister	T 0007T	SAGA K
Merkeregister	T 0007TK	ADRIAN
Merkeregister	T 0007TN	SARNES
Merkeregister	T 0008BG	BERGLIBUEN
Merkeregister	T 0008H	BERGSVÅG
Merkeregister	T 0008K	SJÅVIKNES
Merkeregister	T 0008KD	IVAN
Merkeregister	T 0008KF	KRISTINE
Merkeregister	T 0008L	ROLLNES
Merkeregister	T 0008LK	LARS-AINA
Merkeregister	T 0008S	ARNØYTIND
Merkeregister	T 0008SA	EDVARD SENIOR
Merkeregister	T 0008SD	SELJELI
Merkeregister	T 0008T	FAGERVÆR
Merkeregister	T 0008TK	MONIKA
Merkeregister	T 0009B	FRØY
Merkeregister	T 0009BG	BRINGTIND
Merkeregister	T 0009G	SOLSKJÆR
Merkeregister	T 0009H	VERA MARIA
Merkeregister	T 0009K	VANNØYVÆRINGEN

Merkeregister	T 0009LK	LEIVEN
Merkeregister	T 0009N	RUSKEN
Merkeregister	T 0009S	TIGERGUTT
Merkeregister	T 0009SA	JENS BERG
Merkeregister	T 0009SD	BJØRNØY
Merkeregister	T 0009SK	HAVFRUEN
Merkeregister	T 0009T	OCEAN BLUE
Merkeregister	T 0009TK	ADRIAN
Merkeregister	T 0010H	SEA QUEST
Merkeregister	T 0010I	DUNØY
Merkeregister	T 0010K	KAROLINE
Merkeregister	T 0010KF	MINIBANKEN
Merkeregister	T 0010L	MIRIAM
Merkeregister	T 0010LK	SENJA
Merkeregister	T 0010SA	AUD-J
Merkeregister	T 0010SD	SULEGGA
Merkeregister	T 0010SK	SVANEN
Merkeregister	T 0010T	WIOL
Merkeregister	T 0010TK	THOR
Merkeregister	T 0011BG	PER-EMIL
Merkeregister	T 0011H	PIR
Merkeregister	T 0011I	LONGYEAR (UTGÅTT)
Merkeregister	T 0011K	HARD MERCHANDISE
Merkeregister	T 0011KD	KJAPP
Merkeregister	T 0011KN	SJØFUGL
Merkeregister	T 0011L	TAMPEN
Merkeregister	T 0011LK	BRENNÅJENTA
Merkeregister	T 0011N	HEGE
Merkeregister	T 0011S	LEISKJÆR
Merkeregister	T 0011SK	ØRA
Merkeregister	T 0011T	MARI
Merkeregister	T 0011TK	FRODE
Merkeregister	T 0012B	ALICE ANDREA
Merkeregister	T 0012D	KLOMPEN
Merkeregister	T 0012H	SJØBAKK
Merkeregister	T 0012K	EILIAH
Merkeregister	T 0012KN	ODD JONNY II
Merkeregister	T 0012L	FJORDBAS
Merkeregister	T 0012N	SOIANA
Merkeregister	T 0012S	SJARKE
Merkeregister	T 0012SA	STORVIKBUEN
Merkeregister	T 0012SK	SEGELTIND
Merkeregister	T 0012T	LAKSTIND
Merkeregister	T 0012TK	EIDEGUTT
Merkeregister	T 0013BG	FRAM
Merkeregister	T 0013K	TERESE
Merkeregister	T 0013LK	PÅL-ERIK
Merkeregister	T 0013S	HAUKØY
Merkeregister	T 0014G	EBENEZER
Merkeregister	T 0014I	ANNBIDA
Merkeregister	T 0014K	MARIANNE
Merkeregister	T 0014N	SIGNE
Merkeregister	T 0014S	SKARSOL
Merkeregister	T 0014SA	SJÅNES
Merkeregister	T 0014SD	PERHOLM
Merkeregister	T 0014SK	HAVBRIS
Merkeregister	T 0014T	BØVÆRING
Merkeregister	T 0015B	STAR

Merkeregister	T 0015BG	FRØGRUNN
Merkeregister	T 0015H	ALTEVAAG
Merkeregister	T 0015K	SOFUS
Merkeregister	T 0015KN	ELISABETH
Merkeregister	T 0015L	SOFUS
Merkeregister	T 0015LK	SARI
Merkeregister	T 0015S	LISTER
Merkeregister	T 0015SA	HAVØRNA
Merkeregister	T 0015SD	LUNA
Merkeregister	T 0015T	SMÅVÆR
Merkeregister	T 0016B	SVEINEGUTT
Merkeregister	T 0016BG	POLO
Merkeregister	T 0016I	SPURVEN
Merkeregister	T 0016K	LIPELLA
Merkeregister	T 0016KD	BEKKA
Merkeregister	T 0016L	SOFUS
Merkeregister	T 0016LK	NILS EIVIND
Merkeregister	T 0016N	ØYÅD
Merkeregister	T 0016S	SJØVERK
Merkeregister	T 0016T	HÅR-BÅEN
Merkeregister	T 0016TK	RYPA
Merkeregister	T 0017K	VARG
Merkeregister	T 0017L	DELFIN
Merkeregister	T 0017LK	MEIBEL
Merkeregister	T 0017N	VALLY
Merkeregister	T 0017S	SKJERVØYFISK
Merkeregister	T 0017TK	SENJALAND JUNIOR
Merkeregister	T 0018H	HARSTADVÆRING
Merkeregister	T 0018I	NORDSILD
Merkeregister	T 0018K	MIE
Merkeregister	T 0018L	ØYTIND
Merkeregister	T 0018LK	DUNØY
Merkeregister	T 0018S	SJARKE
Merkeregister	T 0018T	AVANSE
Merkeregister	T 0018TK	ODDVAR
Merkeregister	T 0019BG	BÅEGGA
Merkeregister	T 0019K	HAVNES
Merkeregister	T 0019KF	SJØGUTTEN
Merkeregister	T 0019KN	EVA KRISTINE
Merkeregister	T 0019LK	BALDER
Merkeregister	T 0019SA	KARL MARTIN
Merkeregister	T 0019T	SVANEN
Merkeregister	T 0019TK	TRITON
Merkeregister	T 0020B	LAX
Merkeregister	T 0020BG	AID-ELIN
Merkeregister	T 0020G	HAVSULA
Merkeregister	T 0020H	BLÅTIND
Merkeregister	T 0020I	DRIVAR
Merkeregister	T 0020K	OTTOBÅTEN
Merkeregister	T 0020KD	OLIAN
Merkeregister	T 0020LK	VIKABUKT
Merkeregister	T 0020N	LYKKEN
Merkeregister	T 0020S	FJORDSTRAUM
Merkeregister	T 0020SA	NORSUND
Merkeregister	T 0020SD	TRONDBUEN
Merkeregister	T 0020T	TERNINGEN
Merkeregister	T 0020TK	BRIAN
Merkeregister	T 0020TN	KONVOY

Merkeregister	T 0021BG	TIN
Merkeregister	T 0021H	ALKEN
Merkeregister	T 0021K	MT SENIOR
Merkeregister	T 0021L	FJORDBUEN
Merkeregister	T 0021LK	TRAPANI
Merkeregister	T 0021LV	PER ARVID
Merkeregister	T 0021N	AMATØR
Merkeregister	T 0021S	MEREDIAN
Merkeregister	T 0021T	JULIANNE III (UTGÅTT)
Merkeregister	T 0021TK	FRODE
Merkeregister	T 0022B	NILS EIVIND
Merkeregister	T 0022BG	FLIPPER
Merkeregister	T 0022H	KAROLINE
Merkeregister	T 0022I	ØYGUTT
Merkeregister	T 0022K	KJAPP
Merkeregister	T 0022KN	NÆVERNES
Merkeregister	T 0022L	MERKUR
Merkeregister	T 0022LK	HUSØYVÆRING II
Merkeregister	T 0022S	ULØYBUEN
Merkeregister	T 0022SD	NORFJELL
Merkeregister	T 0022T	GRIMEN
Merkeregister	T 0022TK	ANDERS RAGNAR
Merkeregister	T 0023B	NILS EIVIND
Merkeregister	T 0023BG	MALOGUTT
Merkeregister	T 0023H	SJØLIV
Merkeregister	T 0023I	HAVBRIS
Merkeregister	T 0023K	LARISSA
Merkeregister	T 0023LK	AVANSE
Merkeregister	T 0023S	SK JUNIOR
Merkeregister	T 0023T	SKAGØYSUND
Merkeregister	T 0024BG	KJÆRFJORD
Merkeregister	T 0024H	RIRO
Merkeregister	T 0024K	ANN TOVE
Merkeregister	T 0024KN	RØSTJENTA
Merkeregister	T 0024LK	MICHELLE
Merkeregister	T 0024N	LOMSØY
Merkeregister	T 0024S	FINNVIK
Merkeregister	T 0024T	SKOGØY
Merkeregister	T 0024TK	STEINAR
Merkeregister	T 0025B	MÅRFJELL
Merkeregister	T 0025H	STIG MAGNAR
Merkeregister	T 0025I	FRANTSEN JUNIOR
Merkeregister	T 0025K	SJØLILL
Merkeregister	T 0025L	SARA
Merkeregister	T 0025LK	BREIVIK SENIOR
Merkeregister	T 0025N	FLUTIND
Merkeregister	T 0025S	FLUTIND
Merkeregister	T 0025T	SOLSTEIN
Merkeregister	T 0025TK	GUNN SISSEL
Merkeregister	T 0025TN	SULA
Merkeregister	T 0026B	MÅRFJELL
Merkeregister	T 0026K	BLANKFISK
Merkeregister	T 0026KN	MARELIUSSON
Merkeregister	T 0026L	EDELFISK
Merkeregister	T 0026LK	DUNØY
Merkeregister	T 0026N	ØYÅD
Merkeregister	T 0026S	KAMØ
Merkeregister	T 0026T	HELGE VIDAR

Merkeregister	T 0026TK	NYBÅEN
Merkeregister	T 0027BG	STEIN-OLE
Merkeregister	T 0027K	RIKKE
Merkeregister	T 0027L	GLIMT
Merkeregister	T 0027LK	WENCHE P
Merkeregister	T 0027S	KAMPEN
Merkeregister	T 0027T	SLETTHAV
Merkeregister	T 0027TK	FRIDA
Merkeregister	T 0028H	SIMEN H
Merkeregister	T 0028I	REMI JUNIOR
Merkeregister	T 0028K	VÅRHEIM
Merkeregister	T 0028KF	LYSÅ JR.
Merkeregister	T 0028LK	VIKAGUTT
Merkeregister	T 0028N	KARL OSKAR
Merkeregister	T 0028SK	HARSTADKYST
Merkeregister	T 0028T	JAN-KJETIL
Merkeregister	T 0028TK	JOHNNY DAG
Merkeregister	T 0029H	HARSTADKYST
Merkeregister	T 0029K	GÅSEGGA II
Merkeregister	T 0029LK	STORM
Merkeregister	T 0029T	LILLA
Merkeregister	T 0030I	ALEXI
Merkeregister	T 0030K	GUDMUNDUR
Merkeregister	T 0030LK	KRISTIAN T
Merkeregister	T 0030N	HELENA
Merkeregister	T 0030S	RAGNHILD
Merkeregister	T 0030T	ROSKJÆR
Merkeregister	T 0030TK	FISKENES
Merkeregister	T 0031K	MAIBLOMSTEN
Merkeregister	T 0031KD	GREI
Merkeregister	T 0031L	JESSICA
Merkeregister	T 0031LK	HUSØY
Merkeregister	T 0031T	BORGHEIM
Merkeregister	T 0031TK	KARL ROBIN
Merkeregister	T 0032LK	JM SENIOR
Merkeregister	T 0032T	TEISTEN
Merkeregister	T 0032TK	BAKKEN
Merkeregister	T 0033BG	SPURVEN TO
Merkeregister	T 0033K	KLUBBEN
Merkeregister	T 0033KN	FLYFISK
Merkeregister	T 0033L	VAGGAS
Merkeregister	T 0033LK	SOLSTRAND
Merkeregister	T 0033N	JIM
Merkeregister	T 0033SA	MARIUS
Merkeregister	T 0033T	LOFOTVÆRING
Merkeregister	T 0033TK	KARL ROBIN
Merkeregister	T 0034D	DYRØY
Merkeregister	T 0034K	MULTIND
Merkeregister	T 0034KN	SNEBERG 1
Merkeregister	T 0034LK	LEGØY
Merkeregister	T 0034S	BJØRNTIND
Merkeregister	T 0034T	HAVUR
Merkeregister	T 0034TN	ROGNKAILN
Merkeregister	T 0035B	NYFLØ
Merkeregister	T 0035D	MISUND
Merkeregister	T 0035K	VIKANES
Merkeregister	T 0035KF	SIGURD
Merkeregister	T 0035KN	MAIA SOFIE

Merkeregister	T 0035LK	ERATO
Merkeregister	T 0035T	MULTIND
Merkeregister	T 0035TK	SENJALAND
Merkeregister	T 0036BG	GARSBØEN
Merkeregister	T 0036H	ELIN CECILIE
Merkeregister	T 0036K	MORTEN
Merkeregister	T 0036L	DUNØY
Merkeregister	T 0036LK	HUSØYSUND
Merkeregister	T 0036S	QVIVE
Merkeregister	T 0036T	ØRNFLØY
Merkeregister	T 0036TK	BERGEBAS
Merkeregister	T 0037BG	OLSEN JUNIOR
Merkeregister	T 0037H	KÅGTIND
Merkeregister	T 0037K	SARAH
Merkeregister	T 0037KF	BITS
Merkeregister	T 0037LK	VÆKJA
Merkeregister	T 0037T	TVIBURDAR
Merkeregister	T 0038K	KRISTINE
Merkeregister	T 0038KD	ÅRØYBUEN
Merkeregister	T 0038KN	NORBÅEN
Merkeregister	T 0038LK	FJORDVÆRING
Merkeregister	T 0038S	EA
Merkeregister	T 0038T	KÅRØY
Merkeregister	T 0038TK	JOHNNY DAG
Merkeregister	T 0039BG	MONSNES
Merkeregister	T 0039D	DYRØY
Merkeregister	T 0039K	DINA
Merkeregister	T 0039KD	ÅRØYBUEN
Merkeregister	T 0039KN	FJORDVÆRING
Merkeregister	T 0039LK	STARKO
Merkeregister	T 0039S	SNØGGEN
Merkeregister	T 0039T	MIRIAM
Merkeregister	T 0039TK	KRISTIN
Merkeregister	T 0040BG	MAGNARSON
Merkeregister	T 0040K	CHUBBA
Merkeregister	T 0040KD	TOVE
Merkeregister	T 0040KN	NYLAND
Merkeregister	T 0040LK	KAIA
Merkeregister	T 0040S	ODA
Merkeregister	T 0040T	IDA THERESE
Merkeregister	T 0041B	GULLFJELL
Merkeregister	T 0041BG	KIM-ANDRE
Merkeregister	T 0041K	MILLE
Merkeregister	T 0041L	ANNE-LISE
Merkeregister	T 0041LK	JOHAN MARTIN
Merkeregister	T 0041N	SNØGGEN
Merkeregister	T 0041S	IDUNSON
Merkeregister	T 0041T	CARINA
Merkeregister	T 0042H	NORDBUEN
Merkeregister	T 0042K	MAGNARSON
Merkeregister	T 0042LK	KVITHOLMEN
Merkeregister	T 0042S	SKARTIND
Merkeregister	T 0042T	ASBJØRN SELSBANE
Merkeregister	T 0042TN	SKROLSVIKBUEN
Merkeregister	T 0043BG	SPURVEN TO (UTGÅTT)
Merkeregister	T 0043K	CARINA
Merkeregister	T 0043L	MÅKEN
Merkeregister	T 0043LK	GULLFESKEN

Merkeregister	T 0043S	LOPPHAV
Merkeregister	T 0043T	IDA
Merkeregister	T 0043TK	TEXAS
Merkeregister	T 0043TN	ERLEND
Merkeregister	T 0044BG	SARI
Merkeregister	T 0044K	ODD YNGVE
Merkeregister	T 0044LK	SKREIGRUNN
Merkeregister	T 0044N	TOVE MARIE
Merkeregister	T 0044TN	SOLSIG
Merkeregister	T 0045B	NYFLØ
Merkeregister	T 0045H	STOREGUTT
Merkeregister	T 0045I	SVANA
Merkeregister	T 0045K	LYKKELITEN
Merkeregister	T 0045L	GULLFJELL
Merkeregister	T 0045LK	STUFUNES
Merkeregister	T 0045T	TÅRNØY
Merkeregister	T 0046BG	MAGNARSON
Merkeregister	T 0046K	ADA-SOFIE
Merkeregister	T 0046KD	ARNT-STIAN
Merkeregister	T 0046L	SARA KARIN
Merkeregister	T 0046LK	ØYFJORD
Merkeregister	T 0046T	TOR WERNER
Merkeregister	T 0047K	JANNE-MARIE
Merkeregister	T 0047LK	DYRØY
Merkeregister	T 0047S	IDUN
Merkeregister	T 0047T	ÅMØY
Merkeregister	T 0048BG	HANS H (UTGÅTT)
Merkeregister	T 0048I	BENTEMOR
Merkeregister	T 0048K	ERLINGSON
Merkeregister	T 0048LK	VÅRSOL
Merkeregister	T 0048T	TØFFEN
Merkeregister	T 0049BG	MARITA
Merkeregister	T 0049I	ANN-LINE
Merkeregister	T 0049K	EIRIK
Merkeregister	T 0049LK	FRANK
Merkeregister	T 0049S	OTELIE
Merkeregister	T 0049T	MEKTI
Merkeregister	T 0050I	NORDTORSK
Merkeregister	T 0050K	TORSHAV
Merkeregister	T 0050L	THULE
Merkeregister	T 0050LK	SEGLA
Merkeregister	T 0050T	CARDINAL
Merkeregister	T 0050TN	LEIF HELGE
Merkeregister	T 0051K	BURØY
Merkeregister	T 0051N	OLE ANDRE
Merkeregister	T 0051S	GRY JANNE
Merkeregister	T 0051T	FURBÅEN
Merkeregister	T 0052K	NINA MARI
Merkeregister	T 0052LK	PREBEN
Merkeregister	T 0052S	MANIITSOQ
Merkeregister	T 0052SA	JENS BERG
Merkeregister	T 0052T	SKARTIND
Merkeregister	T 0053BG	KIM ROBIN
Merkeregister	T 0053K	ESPEN
Merkeregister	T 0053KD	FRAM
Merkeregister	T 0053LK	ELIN
Merkeregister	T 0053SA	KALLEMANN
Merkeregister	T 0053T	TOM ARNE

Merkeregister	T 0054H	VÅGAR
Merkeregister	T 0054K	SOLBUEN
Merkeregister	T 0054L	SJØPYNT
Merkeregister	T 0054LK	KJÆRFJORD
Merkeregister	T 0054N	SJØPYNT
Merkeregister	T 0054S	VARDEN
Merkeregister	T 0054T	MORTENVIK
Merkeregister	T 0055BG	BREITIND 1
Merkeregister	T 0055H	ODIN
Merkeregister	T 0055I	STRAUMVÆRING
Merkeregister	T 0055K	DÅSA
Merkeregister	T 0055L	TRONDSKJÆR
Merkeregister	T 0055LK	HUSØY
Merkeregister	T 0055S	TUR
Merkeregister	T 0055SD	ÅRØYBUEN
Merkeregister	T 0055T	KAPP LAILA
Merkeregister	T 0056K	ANNE-MERETE
Merkeregister	T 0056LK	SANDERMAN
Merkeregister	T 0056T	NONSTIND
Merkeregister	T 0056TK	SOLNESBUEN
Merkeregister	T 0057K	ESKIL
Merkeregister	T 0057KD	SJØSPRØYT
Merkeregister	T 0057LK	ØYANES
Merkeregister	T 0057T	MARINA
Merkeregister	T 0058K	BURØYVÆRING
Merkeregister	T 0058LK	MARINA
Merkeregister	T 0058T	MARIUS
Merkeregister	T 0058TK	SENJAGUTTEN
Merkeregister	T 0059BG	GLENN-STÅLE
Merkeregister	T 0059K	HAVSJØ
Merkeregister	T 0059T	CELINA
Merkeregister	T 0059TK	KJÆRFJORD
Merkeregister	T 0060H	CADO
Merkeregister	T 0060K	KIM
Merkeregister	T 0060LK	EMILIE
Merkeregister	T 0060T	ØYVÆRING
Merkeregister	T 0060TK	IVER JUNIOR
Merkeregister	T 0061H	SILJE HELEN
Merkeregister	T 0061K	ELISE MARIE
Merkeregister	T 0061N	SARNES
Merkeregister	T 0061T	KING
Merkeregister	T 0062K	GOD VIND
Merkeregister	T 0062LK	JENSEGUTT
Merkeregister	T 0062N	GULLONGEN
Merkeregister	T 0062T	SOLSKJÆR
Merkeregister	T 0063K	NYSTADBUEN
Merkeregister	T 0063LK	PIA
Merkeregister	T 0063T	KVITVÆR
Merkeregister	T 0064BG	VARNES
Merkeregister	T 0064K	PAUL KJETIL
Merkeregister	T 0064T	SANDVÆR JUNIOR
Merkeregister	T 0065H	KILSTAD
Merkeregister	T 0065K	MILLE
Merkeregister	T 0065L	HEBE II
Merkeregister	T 0065LK	LEIKNESBUEN
Merkeregister	T 0065T	SVEINEGUTT
Merkeregister	T 0065TK	ØYASUND
Merkeregister	T 0066K	ASTRID II

Merkeregister	T 0066L	CONVOY
Merkeregister	T 0066LK	SIMEN
Merkeregister	T 0066T	AVANSE
Merkeregister	T 0067K	MARTINE
Merkeregister	T 0067LK	KUTTER-UNGEN
Merkeregister	T 0067T	VÅRBRIS
Merkeregister	T 0068B	ØYBUEN
Merkeregister	T 0068I	MALOFISK
Merkeregister	T 0068K	SIMSON
Merkeregister	T 0068LK	MATIAS
Merkeregister	T 0068T	SKAGA
Merkeregister	T 0068TK	VIKTORIA
Merkeregister	T 0069K	VINDROSA
Merkeregister	T 0069KD	KÅFJORD
Merkeregister	T 0069S	APOLLO
Merkeregister	T 0069T	TROMSØY
Merkeregister	T 0070BG	MULEGGA
Merkeregister	T 0070KN	DUNVIK
Merkeregister	T 0070LK	JOKKE
Merkeregister	T 0070N	ASK
Merkeregister	T 0070T	CONNY
Merkeregister	T 0070TN	ELRITA
Merkeregister	T 0071LK	KARL-ENOK
Merkeregister	T 0071S	KJELL HUGO
Merkeregister	T 0071T	ANDREAS
Merkeregister	T 0072H	VARØYTIND
Merkeregister	T 0072K	AMATØR
Merkeregister	T 0072KD	STRØNVIK
Merkeregister	T 0072LK	POSEIDON
Merkeregister	T 0072S	OLDERFJORD
Merkeregister	T 0072T	HARINGBUEN
Merkeregister	T 0073B	VESLE-SISSEL
Merkeregister	T 0073K	ALENMAR
Merkeregister	T 0073L	OLSEN JUNIOR
Merkeregister	T 0073LK	OLSEN JUNIOR
Merkeregister	T 0073S	BALDER
Merkeregister	T 0073T	ØYBAS
Merkeregister	T 0074BG	KJELL-ARNE (UTGÅTT)
Merkeregister	T 0074H	HØKEN
Merkeregister	T 0074I	INGE
Merkeregister	T 0074LK	KJELL-ARNE
Merkeregister	T 0074T	VÅRSOL
Merkeregister	T 0075BG	SANDVIKBUEN
Merkeregister	T 0075K	HAVELLA
Merkeregister	T 0075LK	LEX GRANDE
Merkeregister	T 0075S	SKARBERG (UTGÅTT)
Merkeregister	T 0075T	BRATTFJELL
Merkeregister	T 0076BG	AKSELSON
Merkeregister	T 0076H	ELJAN
Merkeregister	T 0076K	AMATØR
Merkeregister	T 0076KF	NEMINE
Merkeregister	T 0076LK	PAX
Merkeregister	T 0076S	THINA
Merkeregister	T 0076T	VILDE
Merkeregister	T 0077K	LISSBETH
Merkeregister	T 0077KD	HOGAS
Merkeregister	T 0077LK	JUVEL
Merkeregister	T 0077T	KUTTER-UNGEN

Merkeregister	T 0078BG	TURID
Merkeregister	T 0078K	LIBRA
Merkeregister	T 0078KD	YLVA
Merkeregister	T 0078L	VESTERBØEN
Merkeregister	T 0078LK	PER
Merkeregister	T 0078T	SIGVALDSON
Merkeregister	T 0079K	ANITA
Merkeregister	T 0079S	THINA IRENE
Merkeregister	T 0079T	GRIMSHOLM
Merkeregister	T 0079TN	PER-IVAR
Merkeregister	T 0080H	SOLBRIS
Merkeregister	T 0080I	STRAUMVANG
Merkeregister	T 0080K	ALISE
Merkeregister	T 0080L	FJORDHUNTER
Merkeregister	T 0080LK	TRONBØEN
Merkeregister	T 0080T	MARIBELL
Merkeregister	T 0081K	VANNTIND
Merkeregister	T 0081KF	SIGLAR
Merkeregister	T 0081L	SVEBÅEN
Merkeregister	T 0081LK	FJORDFANGST
Merkeregister	T 0081T	ARCTIC OCEAN
Merkeregister	T 0082K	AKULA
Merkeregister	T 0082LK	NØRINGEN
Merkeregister	T 0082T	ØRJO
Merkeregister	T 0083K	FLATVÆR
Merkeregister	T 0083LK	HANS H
Merkeregister	T 0083S	ÅRNES
Merkeregister	T 0083T	SUTIND
Merkeregister	T 0084LK	ADELE
Merkeregister	T 0084T	FJORDFISK
Merkeregister	T 0085H	TOMMY
Merkeregister	T 0085I	SVANFJELL
Merkeregister	T 0085K	ØYBAS
Merkeregister	T 0085KN	RINGO
Merkeregister	T 0085LK	HAVBRYN
Merkeregister	T 0085N	HÅREK
Merkeregister	T 0085S	SKOGNES
Merkeregister	T 0085T	H. LINDRUP
Merkeregister	T 0086H	MARIA
Merkeregister	T 0086I	ENGENESVÆRING
Merkeregister	T 0086K	LABAN
Merkeregister	T 0086LK	SENJAFJELL
Merkeregister	T 0086T	MARION HELEN
Merkeregister	T 0087K	SUTIND
Merkeregister	T 0087LK	EINAR JOHAN
Merkeregister	T 0087T	VESLEMØY
Merkeregister	T 0088B	MAIKEN
Merkeregister	T 0088K	TØFFE
Merkeregister	T 0088LK	HAVTERNA
Merkeregister	T 0088N	SOLVÆR
Merkeregister	T 0088T	K.AMALIE
Merkeregister	T 0089K	TORSTIND
Merkeregister	T 0089LK	RUNDSKJÆR
Merkeregister	T 0089S	FISKEN
Merkeregister	T 0089T	MAGNARSON
Merkeregister	T 0089TK	SJÅNES
Merkeregister	T 0090K	TORNADO
Merkeregister	T 0090KN	VÅGEN

Merkeregister	T 0090LK	REKYL
Merkeregister	T 0090N	TORNADO
Merkeregister	T 0090T	SOMMARØYBUEN
Merkeregister	T 0090TK	TOR HELGE
Merkeregister	T 0091K	VALAJENTA
Merkeregister	T 0091LK	MORFAR
Merkeregister	T 0091T	STIAN JR
Merkeregister	T 0092B	SAILOR
Merkeregister	T 0092K	VÅGEN (UTGÅTT)
Merkeregister	T 0092LK	KRAVIK
Merkeregister	T 0092S	BIRGERSON
Merkeregister	T 0092SA	BAAEN
Merkeregister	T 0092T	MATHIAS
Merkeregister	T 0093K	LUNDE
Merkeregister	T 0093LK	SNØGG
Merkeregister	T 0093T	SVENØR
Merkeregister	T 0094K	TUVA
Merkeregister	T 0094KN	RENATO III
Merkeregister	T 0094LK	MARIANNE
Merkeregister	T 0094T	M. JENSEN
Merkeregister	T 0095I	LANGENES
Merkeregister	T 0095K	EINAR
Merkeregister	T 0095LK	JOPPE
Merkeregister	T 0095T	FALKEN
Merkeregister	T 0096LK	ØYASUND
Merkeregister	T 0096S	TRINE JOHANNE
Merkeregister	T 0096T	AUSMA
Merkeregister	T 0097LK	MARIE
Merkeregister	T 0097S	ARNØYBAS
Merkeregister	T 0097T	LILLEBAKK
Merkeregister	T 0098K	NOAH
Merkeregister	T 0098KN	VÅGEN
Merkeregister	T 0098LK	PER
Merkeregister	T 0098N	STABBEN
Merkeregister	T 0098S	STØAGUTT
Merkeregister	T 0098T	SVERRESON
Merkeregister	T 0098TK	KARIN
Merkeregister	T 0099LK	FJORDCAT
Merkeregister	T 0099T	TOR-HENRIK
Merkeregister	T 0100H	SENJAVÆRING
Merkeregister	T 0100K	KAROLINE
Merkeregister	T 0100KN	RANA
Merkeregister	T 0100L	STIAN-ANDRE
Merkeregister	T 0100LK	LISE-BEATE
Merkeregister	T 0100T	BÅRAGUTT
Merkeregister	T 0100TN	SENJAGUTT
Merkeregister	T 0101LK	SKJEGGESTEIN
Merkeregister	T 0101T	HAVBÅEN
Merkeregister	T 0102K	SILVER
Merkeregister	T 0102L	SOFIE
Merkeregister	T 0102T	MAIRE
Merkeregister	T 0102TK	ØRJA
Merkeregister	T 0103LK	BRIMØY SENIOR
Merkeregister	T 0103S	JELI
Merkeregister	T 0103TK	LOKE
Merkeregister	T 0104LK	ROGER
Merkeregister	T 0104S	GEIR ROGER
Merkeregister	T 0104T	HERSØY

Merkeregister	T 0105L	RAMONA
Merkeregister	T 0105S	BRIS
Merkeregister	T 0105T	LENA TERESE
Merkeregister	T 0105TK	TRYGG
Merkeregister	T 0106H	VESLEVÅG
Merkeregister	T 0106K	ROGNKJEKSA
Merkeregister	T 0106L	SOLVANG
Merkeregister	T 0106LK	LANDØYFISK
Merkeregister	T 0106T	JUBÅEN
Merkeregister	T 0107BG	SOLSKJÆR (UTGÅTT)
Merkeregister	T 0107K	THERESE
Merkeregister	T 0107LK	RENNEBUEN
Merkeregister	T 0107T	TOM FRODE
Merkeregister	T 0108K	ROHNY
Merkeregister	T 0108S	ÅRVIKGUTT
Merkeregister	T 0108T	SPURVEN TO
Merkeregister	T 0109B	ØVRINGEN
Merkeregister	T 0109K	SKOGSFJORDINGEN
Merkeregister	T 0109T	ØVRINGEN
Merkeregister	T 0110K	SKOGARØY
Merkeregister	T 0110L	FUGLØYFJELL (UTGÅTT)
Merkeregister	T 0110LK	HELGE
Merkeregister	T 0110T	HØKEN
Merkeregister	T 0111B	VETA LUCIA
Merkeregister	T 0111G	ODD LUNDBERG
Merkeregister	T 0111T	SKULBAREN
Merkeregister	T 0112KN	HAVGUTT
Merkeregister	T 0112L	MORILD
Merkeregister	T 0112LK	HUSA
Merkeregister	T 0112S	JAN TORE
Merkeregister	T 0112T	STRAUMEN
Merkeregister	T 0114I	VONHEIM
Merkeregister	T 0114K	HÅKON
Merkeregister	T 0115K	EINAR
Merkeregister	T 0115T	TRANØY
Merkeregister	T 0116T	ANNE
Merkeregister	T 0117K	VIKING
Merkeregister	T 0117LK	VIKABUEN
Merkeregister	T 0117T	CAMILLA
Merkeregister	T 0118L	TROND HARALD
Merkeregister	T 0118S	ISBÅEN
Merkeregister	T 0118T	ØYTIND
Merkeregister	T 0119B	SELFANGST
Merkeregister	T 0119KN	NYEGGA
Merkeregister	T 0119L	TROND HARALD
Merkeregister	T 0119T	BENTSJORDTINDEN
Merkeregister	T 0119TK	TROND HARALD
Merkeregister	T 0120H	SJØBAKK
Merkeregister	T 0120I	MAJA IREN
Merkeregister	T 0120LK	MODDY
Merkeregister	T 0120S	FRØYDIS MARIE
Merkeregister	T 0120T	FRU JANNE
Merkeregister	T 0120TK	HANS HENRIK
Merkeregister	T 0121LK	SOLBRIS
Merkeregister	T 0121T	VIBEKE
Merkeregister	T 0121TK	JOHAN F
Merkeregister	T 0122T	FISKER`N
Merkeregister	T 0122TK	AMANDA

Merkeregister	T 0123BG	STORVIKBUEN
Merkeregister	T 0123K	VARØY
Merkeregister	T 0123T	STRANDBUEN
Merkeregister	T 0124K	KIM DANIEL
Merkeregister	T 0124LK	DALGÅRD
Merkeregister	T 0124T	JANO
Merkeregister	T 0125L	NJORD
Merkeregister	T 0125LK	BREIVIK SENIOR
Merkeregister	T 0126S	TOYA
Merkeregister	T 0126T	RØKKEBUEN
Merkeregister	T 0127K	RANGO
Merkeregister	T 0127L	BRIS
Merkeregister	T 0127T	SNETIND
Merkeregister	T 0128K	HEDDA
Merkeregister	T 0128LK	VARNES
Merkeregister	T 0128S	FIA
Merkeregister	T 0128SA	STORVIKBUEN
Merkeregister	T 0128T	OTERNES
Merkeregister	T 0129K	GOTLAND
Merkeregister	T 0129LK	RAMPEN
Merkeregister	T 0129T	SJÅBÅEN
Merkeregister	T 0130H	STIG-MAGNAR
Merkeregister	T 0130K	RIO
Merkeregister	T 0130LK	HAVFLORA
Merkeregister	T 0130T	ROBIN
Merkeregister	T 0131T	ARIEL
Merkeregister	T 0132K	SANDNES
Merkeregister	T 0132LK	SENIOR
Merkeregister	T 0132S	ANSNES
Merkeregister	T 0132T	MARJELLA
Merkeregister	T 0133T	KRISTOFFER
Merkeregister	T 0134LK	MIKI
Merkeregister	T 0134T	RØSNES
Merkeregister	T 0135KF	SIGURD
Merkeregister	T 0135LK	KARINA
Merkeregister	T 0135N	MERETHE II
Merkeregister	T 0135S	ANITA
Merkeregister	T 0135T	SJØBLOMSTEN
Merkeregister	T 0136LK	WANGSGUTTEN
Merkeregister	T 0136T	ANFIELD
Merkeregister	T 0137L	MARITA
Merkeregister	T 0137T	VIPA
Merkeregister	T 0138H	MYRA
Merkeregister	T 0138K	VESTPYNT
Merkeregister	T 0138LK	EMMA-SOFIE
Merkeregister	T 0138S	KATLA
Merkeregister	T 0139L	RUBIN
Merkeregister	T 0139LK	LOFOTHAV
Merkeregister	T 0139N	HÅBET
Merkeregister	T 0139T	KVITBJØRN
Merkeregister	T 0139TK	ODDBJØRN
Merkeregister	T 0140LK	HANS-LUDVIG
Merkeregister	T 0140T	KOBBA
Merkeregister	T 0141KN	SKIMRING
Merkeregister	T 0141LK	ANNE SOFIE
Merkeregister	T 0141S	EKKO
Merkeregister	T 0141T	KJÆRFJORD
Merkeregister	T 0142LK	STØBUEN

Merkeregister	T 0142S	RALINA
Merkeregister	T 0142T	ARNT IVAR
Merkeregister	T 0143K	ALANGEN
Merkeregister	T 0143LK	VARNES
Merkeregister	T 0143T	KARINA
Merkeregister	T 0144LK	ALENMAR
Merkeregister	T 0144T	JUNIOR
Merkeregister	T 0145LK	SVANHILD MARIE
Merkeregister	T 0145T	POLARSTAR
Merkeregister	T 0146LK	HEKKINGEN
Merkeregister	T 0147K	VARNA
Merkeregister	T 0148T	ÅRSBÅEN
Merkeregister	T 0149KN	FJELLNES
Merkeregister	T 0149LK	SMÅVÆR
Merkeregister	T 0149T	NORDFJORD
Merkeregister	T 0150T	ÅRSGUTT
Merkeregister	T 0151K	TROY ARON
Merkeregister	T 0151LK	KLONES
Merkeregister	T 0151T	TENNHOLMEN
Merkeregister	T 0152K	TERNA
Merkeregister	T 0152T	VÅGAR
Merkeregister	T 0153K	TERNA
Merkeregister	T 0153T	FLUA
Merkeregister	T 0154KD	BUSTER
Merkeregister	T 0154T	HEIDI
Merkeregister	T 0155T	KVALØYGUTT
Merkeregister	T 0156LK	GRUNNBØEN
Merkeregister	T 0156T	ISFLORA
Merkeregister	T 0157T	LØKSTIND
Merkeregister	T 0158L	SLETTENBERG
Merkeregister	T 0158LK	KJØLEN
Merkeregister	T 0158T	MILLE
Merkeregister	T 0160T	MAIKEN
Merkeregister	T 0160TK	IVER JUNIOR
Merkeregister	T 0161LK	FORTUNA
Merkeregister	T 0162KN	LIV
Merkeregister	T 0162T	PLUTO
Merkeregister	T 0163K	STENALINE
Merkeregister	T 0164BG	RAGNVALSON
Merkeregister	T 0164K	SJØTUN
Merkeregister	T 0164KD	KLUBBEN
Merkeregister	T 0164LK	RAGNVALSON
Merkeregister	T 0165LK	RAINER
Merkeregister	T 0165T	DRAGEN
Merkeregister	T 0166LK	FLÅGRUNN
Merkeregister	T 0166T	KATHRIN G
Merkeregister	T 0167KD	BUKTAGUTT
Merkeregister	T 0167N	SOLBUEN
Merkeregister	T 0167T	VARNES
Merkeregister	T 0168LK	GUBBEN
Merkeregister	T 0169B	STAR
Merkeregister	T 0169L	ERNST MAGNE
Merkeregister	T 0169LK	ELISE KRISTIN
Merkeregister	T 0169T	TROMSBAS
Merkeregister	T 0170H	VESTERBØEN
Merkeregister	T 0170T	VEGARD
Merkeregister	T 0171T	SVÅHOLM
Merkeregister	T 0172BG	ALBATROSS

Merkeregister	T 0172K	ELSE EDEL
Merkeregister	T 0172T	VESLEVÅG
Merkeregister	T 0173K	PRIMUS
Merkeregister	T 0173LK	TROLLVIK
Merkeregister	T 0173T	SKARSTEIN
Merkeregister	T 0174K	STÅLBAS
Merkeregister	T 0174L	CAMILLA
Merkeregister	T 0175K	HAVGLIMT
Merkeregister	T 0175T	SNIPA
Merkeregister	T 0176B	LARS-ANDREAS
Merkeregister	T 0176T	BJØRNES
Merkeregister	T 0177K	VEST-TIND
Merkeregister	T 0177S	HILDE
Merkeregister	T 0177T	JOHN YNGVE
Merkeregister	T 0178K	TUNFISK
Merkeregister	T 0178KN	LILJEN
Merkeregister	T 0178T	VESLEMØY
Merkeregister	T 0180KD	HELENE
Merkeregister	T 0180T	FIDEL
Merkeregister	T 0181LK	GRIM
Merkeregister	T 0181S	BROTT
Merkeregister	T 0181T	SALARØY
Merkeregister	T 0182BG	MEFJORD
Merkeregister	T 0182LK	GRIM
Merkeregister	T 0182T	TRÅLFISK
Merkeregister	T 0183K	ALF-ANDRE
Merkeregister	T 0183T	IRINA MARIE
Merkeregister	T 0184K	VATNAN
Merkeregister	T 0184T	HILDEGUNN
Merkeregister	T 0185LK	KATRINE
Merkeregister	T 0185T	STORMFUGLEN
Merkeregister	T 0186T	TINA
Merkeregister	T 0188LK	VEBJØRN
Merkeregister	T 0188S	SØRHOLMEN
Merkeregister	T 0189LK	SENJAVÆRING
Merkeregister	T 0189T	NESHOLMEN
Merkeregister	T 0190T	KLEIVA
Merkeregister	T 0190TK	SOLTIND
Merkeregister	T 0191H	GRØTAVÆRING
Merkeregister	T 0191LK	ODDBJØRN
Merkeregister	T 0191T	RUBEN M
Merkeregister	T 0192T	FRAM
Merkeregister	T 0193T	ISAC ALEXANDER
Merkeregister	T 0194T	RØSNES
Merkeregister	T 0195BG	VENGSØYBUEN
Merkeregister	T 0195LK	H LARSEN
Merkeregister	T 0195T	TINA KRISTINE
Merkeregister	T 0196S	MARTINE
Merkeregister	T 0196T	MIA
Merkeregister	T 0198K	ROLF-ÅGE
Merkeregister	T 0198L	FJORDBUEN
Merkeregister	T 0198LK	TRESSY
Merkeregister	T 0198N	VIKSKJÆR
Merkeregister	T 0198T	KARINA
Merkeregister	T 0199K	MJØNES
Merkeregister	T 0199T	BAIAS
Merkeregister	T 0200H	MISTER OLSEN
Merkeregister	T 0200K	SKOGSFJORDINGEN

Merkeregister	T 0200T	GIGGEN
Merkeregister	T 0201K	DUSJA
Merkeregister	T 0201T	REKORD
Merkeregister	T 0202H	ADMIRAL F.
Merkeregister	T 0202N	SKOGSHOLMEN
Merkeregister	T 0202T	MJOSUND
Merkeregister	T 0203BG	HADARFISK
Merkeregister	T 0203LK	HADARFISK
Merkeregister	T 0203T	BJØRG-JORUNN
Merkeregister	T 0204K	FLORRY
Merkeregister	T 0205K	ALISE
Merkeregister	T 0205S	KARINA
Merkeregister	T 0205T	JORUNN B
Merkeregister	T 0206K	STORNES
Merkeregister	T 0206T	AXEL B. (UTGÅTT)
Merkeregister	T 0207LK	LILL
Merkeregister	T 0208T	SOLSTRAND
Merkeregister	T 0209T	TERNA
Merkeregister	T 0210LK	VÅRFISK
Merkeregister	T 0210T	TERNA III
Merkeregister	T 0211LK	SOLØY
Merkeregister	T 0211S	STANGNES
Merkeregister	T 0211T	MATILDE
Merkeregister	T 0212K	EINAR MAGNUS
Merkeregister	T 0212LK	TRINTO
Merkeregister	T 0212T	VIKING
Merkeregister	T 0213N	KØLABAS
Merkeregister	T 0214T	AMIGO
Merkeregister	T 0215T	LEIF ROALD (UTGÅTT)
Merkeregister	T 0216T	KAROLINE
Merkeregister	T 0217T	SVINØY
Merkeregister	T 0218LK	KORSHOLM
Merkeregister	T 0218T	SLOGMÅSEN
Merkeregister	T 0219T	GRØTØY
Merkeregister	T 0220LK	ÅRVIKSAND
Merkeregister	T 0220T	MARKUS
Merkeregister	T 0221K	KARLO
Merkeregister	T 0221T	ÅRVIKSAND
Merkeregister	T 0222T	SIGNAL
Merkeregister	T 0223T	LILLEFJORD
Merkeregister	T 0224K	ANN TOVE
Merkeregister	T 0227K	ROHIT
Merkeregister	T 0228T	REGNBUEN
Merkeregister	T 0229T	RYDNINGEN
Merkeregister	T 0230LK	HEBE II
Merkeregister	T 0230T	SOLBU
Merkeregister	T 0231K	ERLEND
Merkeregister	T 0231LK	PÅL-STIAN
Merkeregister	T 0234T	STØDIG
Merkeregister	T 0236T	HAVSULA
Merkeregister	T 0238N	NORDGUTT
Merkeregister	T 0238T	ARCTIC PIONEER
Merkeregister	T 0240T	O.SVENDSEN
Merkeregister	T 0241T	HAVGULL
Merkeregister	T 0244T	HAVTUN
Merkeregister	T 0245T	HELNES
Merkeregister	T 0248T	BAKKEBÅEN
Merkeregister	T 0249T	DELFIN

Merkeregister	T 0250I	GUNN SISSEL
Merkeregister	T 0250TK	KRISTOFFER
Merkeregister	T 0251KN	PLUTO
Merkeregister	T 0251T	JOHANNES
Merkeregister	T 0253K	FRANKLIN
Merkeregister	T 0254T	ØRNES
Merkeregister	T 0255T	VÅGSTRAND
Merkeregister	T 0258K	SOLGLIMT
Merkeregister	T 0258S	FAVORITT
Merkeregister	T 0260G	ODD LUNDBERG
Merkeregister	T 0261T	KYSTBAS
Merkeregister	T 0263T	INGVILL
Merkeregister	T 0265T	FØYKEN
Merkeregister	T 0269T	HAVBRIS
Merkeregister	T 0270K	KNOTTIND
Merkeregister	T 0271S	RØDØY
Merkeregister	T 0271TK	HAVBUEN
Merkeregister	T 0274LK	VARNES
Merkeregister	T 0275T	MARIE LIE
Merkeregister	T 0276K	LANGNES
Merkeregister	T 0282K	VERONICA
Merkeregister	T 0282T	TONEBØEN
Merkeregister	T 0284T	BREMNES
Merkeregister	T 0285LK	BALLSTADØY I
Merkeregister	T 0288T	NOATUN
Merkeregister	T 0289L	UNNI
Merkeregister	T 0293T	VEROSY
Merkeregister	T 0294S	NORDFISK
Merkeregister	T 0297LK	HEIDI KRISTIN
Merkeregister	T 0300T	STORHOLMEN
Merkeregister	T 0300TK	E.H. SENIOR
Merkeregister	T 0301T	SKAGØY
Merkeregister	T 0303K	TWIGG
Merkeregister	T 0303T	MYRNES SENIOR
Merkeregister	T 0306T	BENTE
Merkeregister	T 0311K	SNOKEN
Merkeregister	T 0311T	TOPPEN
Merkeregister	T 0313T	JARA
Merkeregister	T 0315S	JADE
Merkeregister	T 0322T	DAGFINN
Merkeregister	T 0323K	NORDBY
Merkeregister	T 0327T	MADS-STIAN
Merkeregister	T 0330K	ERGO
Merkeregister	T 0330T	REMO
Merkeregister	T 0331K	ADA-SOFIE
Merkeregister	T 0331KN	MYRENG
Merkeregister	T 0338K	BANGA
Merkeregister	T 0338T	RADIAN
Merkeregister	T 0343T	OTTERØY
Merkeregister	T 0350S	HAVÅL
Merkeregister	T 0351T	JULINE
Merkeregister	T 0353T	TOROLV
Merkeregister	T 0361T	ROBINE
Merkeregister	T 0364K	GEIRONGEN
Merkeregister	T 0365K	SILJE
Merkeregister	T 0367T	BØLGEN
Merkeregister	T 0371K	NIKE
Merkeregister	T 0373T	RENNEBÅEN

Merkeregister	T 0378K	RAMON
Merkeregister	T 0378T	JON ÅGE
Merkeregister	T 0381S	KIMMEN
Merkeregister	T 0382K	LOBO
Merkeregister	T 0382T	LOBO
Merkeregister	T 0389LK	TRÆLVIK
Merkeregister	T 0390K	SJØHESTEN
Merkeregister	T 0392K	MALIN AMANDA
Merkeregister	T 0395K	SKOGNES
Merkeregister	T 0395T	SKOGNES
Merkeregister	T 0399K	LENA
Merkeregister	T 0400T	KURT-ENDRE
Merkeregister	T 0402K	GOURI
Merkeregister	T 0402T	LINDA MERETE
Merkeregister	T 0403K	LIN
Merkeregister	T 0404K	GAMVIK
Merkeregister	T 0404LK	BREITIND
Merkeregister	T 0405T	BØLGEN
Merkeregister	T 0408T	LEIF HARALD
Merkeregister	T 0411S	ENES
Merkeregister	T 0420LK	TOR-MORTEN
Merkeregister	T 0424T	FJORDBUEN
Merkeregister	T 0431T	FANTEN
Merkeregister	T 0441K	TORGEIRSON
Merkeregister	T 0444K	FLIPPER
Merkeregister	T 0444T	BÅEGGA
Merkeregister	T 0447LK	VÆRING
Merkeregister	T 0462S	JILL-BENITA
Merkeregister	T 0464LK	YAMAHA
Merkeregister	T 0465T	NINA MARI
Merkeregister	T 0475T	BERG SENIOR
Merkeregister	T 0481K	BLÅTIND
Merkeregister	T 0483K	SKORØYVÆRING
Merkeregister	T 0490K	TINKA
Merkeregister	T 0490T	ALM
Merkeregister	T 0493LK	TEZ
Merkeregister	T 0497K	STAR
Merkeregister	T 0499T	LANGØY
Merkeregister	T 0500K	SJØULK
Merkeregister	T 0500LK	HALLVARDSON
Merkeregister	T 0507K	ÅLEN
Merkeregister	T 0507T	STINE MARLEN
Merkeregister	T 0510T	TROND YNGVE
Merkeregister	T 0531T	LØVENG
Merkeregister	T 0537T	NYTUN JUNIOR
Merkeregister	T 0538T	TØNSVIKGUTT
Merkeregister	T 0550LK	TRONDSKJÆR
Merkeregister	T 0551T	ODD KRISTIAN
Merkeregister	T 0555LK	GAVELHOLMEN
Merkeregister	T 0561T	PLUTO
Merkeregister	T 0567K	TROND-ROGER
Merkeregister	T 0568K	MONA LISA
Merkeregister	T 0591K	GILL
Merkeregister	T 0607T	HELGESON
Merkeregister	T 0608K	SNEGLA
Merkeregister	T 0610T	GLIMT
Merkeregister	T 0657T	TYRIHANS
Merkeregister	T 0658T	KVALØY

Merkeregister	T 0684T	CAMILLA
Merkeregister	T 0691T	EISTEBÅEN
Merkeregister	T 0701T	GODØNES
Merkeregister	T 0712T	ØRA
Merkeregister	T 0718T	SØYLABUEN
Merkeregister	T 0720T	BROR
Merkeregister	T 0734T	SØRVIK
Merkeregister	T 0755T	FINNES
Merkeregister	T 0758T	LINN-PIA
Merkeregister	T 0768T	CAROLINE
Merkeregister	T 0771T	ANNE GRETHE
Merkeregister	T 0796T	ULVEN
Merkeregister	T 0825T	TERNA
Merkeregister	T 0845T	JANNE VIBEKE
Merkeregister	T 0891T	VENGSØYVÆRING
Merkeregister	T 0898T	BRUNVOLL
Merkeregister	T 0909T	HAVELLA
Merkeregister	T 0960T	ØYBÅEN
Merkeregister	T 0983T	OLASDATTER
Merkeregister	T 0999T	SALTBÅEN
Merkeregister	T 1104T	STANGNES
Merkeregister	T 1129T	MILDRID
Merkeregister	T 1145T	OLIVER
Merkeregister	T 1215K	TORGRIM
Merkeregister	T 1416T	TONNY
Merkeregister	T 1468T	BRIS
Merkeregister	TK0001BL	ORGINALEN
Merkeregister	TK0001K	PANDAEN
Merkeregister	TK0001P	MI17
Merkeregister	TK0002BL	MOSTEIN
Merkeregister	TK0002K	TRUTTA
Merkeregister	TK0003BL	ALF
Merkeregister	TK0003P	BULK
Merkeregister	TK0004BL	ORKAN
Merkeregister	TK0004P	ELLINORA
Merkeregister	TK0005BL	TORNADO
Merkeregister	TK0005P	TOBIAS
Merkeregister	TK0006BL	SIVA
Merkeregister	TK0006P	MÅRFJELL
Merkeregister	TK0007BL	TINIUS
Merkeregister	TK0007K	STRANDGUTT 2
Merkeregister	TK0008BL	BUELAND
Merkeregister	TK0009BL	ELIN
Merkeregister	TK0010BL	RØSTAGUTT
Merkeregister	TK0011K	RISØY
Merkeregister	TK0011P	BRUSEN
Merkeregister	TK0012BL	BRIS
Merkeregister	TK0014BL	HAVLYS
Merkeregister	TK0014K	MARIANN
Merkeregister	TK0014P	ELLINORA
Merkeregister	TK0015BL	FJORDBUEN
Merkeregister	TK0016P	ELSETH
Merkeregister	TK0017BL	SVANEN 2
Merkeregister	TK0018BL	STORM
Merkeregister	TK0019BL	DANHOLM
Merkeregister	TK0019P	TULLA
Merkeregister	TK0022BL	JOLLA
Merkeregister	TK0023BL	ORION

Merkeregister	TK0025BL	SANTOS
Merkeregister	TK0025P	BARRACUDA
Merkeregister	TK0026BL	NOREL
Merkeregister	TK0026P	JESPER
Merkeregister	TK0028BL	LEO
Merkeregister	TK0030BL	SILJE KRISTINA
Merkeregister	TK0031BL	VIBEKE
Merkeregister	TK0035BL	SKARVEN
Merkeregister	TK0037BL	VALHAL
Merkeregister	TK0038BL	KARI
Merkeregister	TK0042BL	NYTRAAL
Merkeregister	TK0042K	SKOMRING
Merkeregister	TK0044BL	SKARSUND
Merkeregister	TK0044K	EROS
Merkeregister	TK0046BL	MAKS
Merkeregister	TK0048BL	VIGRA
Merkeregister	TK0049BL	SIRI 2
Merkeregister	TK0049P	ARØYA
Merkeregister	TK0059BL	LUNIK
Merkeregister	TK0060BL	TINE MARLIN
Merkeregister	TK0063BL	VINDROSA
Merkeregister	TK0064BL	PANTER II
Merkeregister	TK0065BL	BEVER
Merkeregister	TK0068BL	MARITA
Merkeregister	TK0070BL	TRICO
Merkeregister	TK0076BL	FABIAN
Merkeregister	TK0084BL	KLIPTON
Merkeregister	TK0098BL	ROMI SENIOR
Merkeregister	TK0099BL	JUVENTUS
Merkeregister	V 0001HS	VIKINGEN
Merkeregister	V 0001L	BRENNING
Merkeregister	V 0001N	ÅRØ
Merkeregister	V 0001S	STAUPER
Merkeregister	V 0001T	SJØGLIMT
Merkeregister	V 0001TM	TRISTEIN
Merkeregister	V 0002L	SJØGUTT
Merkeregister	V 0002S	LINNEA
Merkeregister	V 0002TM	MIR
Merkeregister	V 0003HS	OBELIX
Merkeregister	V 0003L	HAVFRUEN
Merkeregister	V 0003S	STIGAR
Merkeregister	V 0003TM	BLÅ
Merkeregister	V 0004L	ULSVAAG
Merkeregister	V 0004N	MARIT
Merkeregister	V 0004S	KARI
Merkeregister	V 0004T	SJØGLIMT
Merkeregister	V 0004TM	JOHANNE 2
Merkeregister	V 0005L	VESLEPER
Merkeregister	V 0005S	BELLA MARICKEN
Merkeregister	V 0005T	LUCKY LIPS
Merkeregister	V 0005TM	DØLA
Merkeregister	V 0006BR	HAUKEN
Merkeregister	V 0006L	MILENE
Merkeregister	V 0006N	KNIVSKJÆR
Merkeregister	V 0006S	BUERØY
Merkeregister	V 0006TM	STRANDFJORD
Merkeregister	V 0007HS	HAVDUEN
Merkeregister	V 0007L	HAVFRUEN II

Merkeregister	V 0007N	ORION
Merkeregister	V 0007S	HUSKI
Merkeregister	V 0007TM	FÆRDER
Merkeregister	V 0008L	ZITA
Merkeregister	V 0008S	KARI
Merkeregister	V 0008TM	FRED AXEL
Merkeregister	V 0009S	SJØBRIS
Merkeregister	V 0009TM	FÆRDER II
Merkeregister	V 0010S	KAZAN
Merkeregister	V 0011L	LEIF
Merkeregister	V 0011N	ÅRØSUND
Merkeregister	V 0011S	CILIUS
Merkeregister	V 0011TM	SANDØ
Merkeregister	V 0012N	ULA
Merkeregister	V 0012TM	ULA
Merkeregister	V 0014L	KVALVÅG
Merkeregister	V 0014T	SMOLTEN
Merkeregister	V 0014TM	RØSSESUND
Merkeregister	V 0015L	MINI IRENE II
Merkeregister	V 0015TM	LINNEA
Merkeregister	V 0016S	VENI ACTIV
Merkeregister	V 0016TM	LILLEGUTT
Merkeregister	V 0017TM	OSKJÆR
Merkeregister	V 0020N	SANDØSUND
Merkeregister	V 0020S	JOLLA
Merkeregister	V 0020TM	FLO
Merkeregister	V 0023S	CATRAS
Merkeregister	V 0024S	ÆRØ
Merkeregister	V 0026L	VESLEPER
Merkeregister	V 0027S	FJORDGUTT
Merkeregister	V 0029S	VESLA
Merkeregister	V 0030L	ARJA
Merkeregister	V 0030S	TAREFRIME
Merkeregister	V 0031S	BRENTHOLMEN
Merkeregister	V 0032L	APOLLO
Merkeregister	V 0037S	MØTE
Merkeregister	V 0039L	ULAGUTTEN
Merkeregister	V 0040L	FLAMINGO
Merkeregister	V 0040S	LEPPA
Merkeregister	V 0043L	SANDVIND
Merkeregister	V 0045S	LØVEN
Merkeregister	V 0046L	OTERØY
Merkeregister	V 0047L	FLAMINGO
Merkeregister	V 0066N	ASTOR 1
Merkeregister	V 0078L	GULLIVER
Merkeregister	V 0088L	GULLIVER
Merkeregister	V 0098L	SIGFRED I
Merkeregister	VA0001F	HELGØYSUND
Merkeregister	VA0001FS	BAKKAN
Merkeregister	VA0001LD	BORGEN
Merkeregister	VA0001LS	BUCCANEER
Merkeregister	VA0001M	ANTILDE
Merkeregister	VA0001S	GLOMFJORD
Merkeregister	VA0002F	LIPTON BJØRNSEN
Merkeregister	VA0002FS	HOVLAND
Merkeregister	VA0002K	GRØNNVIK
Merkeregister	VA0002LD	EPSILON
Merkeregister	VA0002LS	SJØSKVETT

Merkeregister	VA0002M	ADELE
Merkeregister	VA0002S	HUNTER
Merkeregister	VA0003F	LINN
Merkeregister	VA0003FS	BYENS BÅTSENTER
Merkeregister	VA0003K	MUSTI
Merkeregister	VA0003LD	TERNEN
Merkeregister	VA0003LS	FISKUR
Merkeregister	VA0003M	SIKO
Merkeregister	VA0003S	SJAKK
Merkeregister	VA0004F	FIDJE
Merkeregister	VA0004FS	IDA
Merkeregister	VA0004K	KVISTHOLM
Merkeregister	VA0004M	VALLØY
Merkeregister	VA0004S	UDVAAR
Merkeregister	VA0005FS	LENE MARI
Merkeregister	VA0005K	FLANDER SR.
Merkeregister	VA0005LS	ØYSTEINSON
Merkeregister	VA0005M	GULLFISKEN
Merkeregister	VA0005S	TØFFE
Merkeregister	VA0006F	MARIT THERESE
Merkeregister	VA0006K	LISO
Merkeregister	VA0006LS	BESSEN
Merkeregister	VA0006M	NADDE
Merkeregister	VA0006S	SANDVIND
Merkeregister	VA0007F	HALLVARD
Merkeregister	VA0007FS	LIMBO
Merkeregister	VA0007K	SIGJOTO
Merkeregister	VA0007LS	MARIE EMILIE
Merkeregister	VA0007M	BIRTHE NATHALIA
Merkeregister	VA0007S	APOLLO
Merkeregister	VA0008F	FIDJE
Merkeregister	VA0008FS	CONDOR
Merkeregister	VA0008K	LEPPA
Merkeregister	VA0008LS	SJØSPRØYT
Merkeregister	VA0008M	RYA
Merkeregister	VA0008S	MORILD
Merkeregister	VA0009F	PIR
Merkeregister	VA0009FS	STELLA
Merkeregister	VA0009K	BROSMA
Merkeregister	VA0009LD	LYN
Merkeregister	VA0009LS	VICTORIA
Merkeregister	VA0009M	RONA
Merkeregister	VA0009S	NEPTUN
Merkeregister	VA0010FS	RØDLAND
Merkeregister	VA0010K	SPICA
Merkeregister	VA0010LS	NESEGUTTEN
Merkeregister	VA0010M	SEIKO
Merkeregister	VA0010S	MARINO
Merkeregister	VA0011F	FJORDBUEN
Merkeregister	VA0011K	PITBULL
Merkeregister	VA0011LD	EL MARINO
Merkeregister	VA0011LS	BELL-ROCK
Merkeregister	VA0011M	MARCUS
Merkeregister	VA0011S	JØLLE
Merkeregister	VA0012F	TIPPI
Merkeregister	VA0012K	SJARKE
Merkeregister	VA0012LD	AGATHE
Merkeregister	VA0012M	LILLEKVEITA

Merkeregister	VA0012S	PANTER
Merkeregister	VA0013F	OLE ANNA
Merkeregister	VA0013K	COBRA FISH
Merkeregister	VA0013M	ØSTVIK
Merkeregister	VA0013S	TAMARA
Merkeregister	VA0014F	MERETHE
Merkeregister	VA0014K	SILVER
Merkeregister	VA0014LS	BÅLYJENTA
Merkeregister	VA0014M	HJELMEN
Merkeregister	VA0014S	TRIVSEL
Merkeregister	VA0015F	SOLSKJÆR
Merkeregister	VA0015FS	ODIN
Merkeregister	VA0015K	STREIF
Merkeregister	VA0015LS	ROMERO
Merkeregister	VA0015M	RISØY
Merkeregister	VA0015S	HELLEVIG
Merkeregister	VA0016F	HIDRA
Merkeregister	VA0016FS	SOLVANG
Merkeregister	VA0016K	FANCY
Merkeregister	VA0016LS	KJORTEN
Merkeregister	VA0016M	HENRIK
Merkeregister	VA0016S	ROCKY
Merkeregister	VA0017F	HIDRASKJÆR
Merkeregister	VA0017K	INGER
Merkeregister	VA0017LS	GLUECIFER
Merkeregister	VA0017M	MARIELL
Merkeregister	VA0017S	TAMARA
Merkeregister	VA0018F	DANIANA
Merkeregister	VA0018FS	LASSE
Merkeregister	VA0018K	RANDØYJENTA
Merkeregister	VA0018LS	GLIMT
Merkeregister	VA0018M	SJANTI
Merkeregister	VA0018S	TEMPO
Merkeregister	VA0019F	ATHENA 2
Merkeregister	VA0019K	ELIAS
Merkeregister	VA0019M	HJELMEN
Merkeregister	VA0019S	THEA
Merkeregister	VA0020F	HAVSUND
Merkeregister	VA0020FS	KLO
Merkeregister	VA0020K	KARUNA
Merkeregister	VA0020LS	MÅKEN
Merkeregister	VA0020M	SKOGSØY
Merkeregister	VA0020S	LILLEVIG
Merkeregister	VA0021F	EGGLAND
Merkeregister	VA0021FS	EGGLAND
Merkeregister	VA0021K	LOMVIEN
Merkeregister	VA0021LS	LINN
Merkeregister	VA0021M	RONITO
Merkeregister	VA0021S	DIXIE
Merkeregister	VA0022F	NOORDVAERDER
Merkeregister	VA0022K	SJØVIK
Merkeregister	VA0022LS	RUSKEN
Merkeregister	VA0022M	MÅGA
Merkeregister	VA0022S	ASKEPOTT
Merkeregister	VA0023F	OLE ANNA
Merkeregister	VA0023K	VIK
Merkeregister	VA0023LS	VESLEPER
Merkeregister	VA0023S	OLE ANNA

Merkeregister	VA0024F	VARNES
Merkeregister	VA0024K	LUDVIG
Merkeregister	VA0024LS	PATRICIA
Merkeregister	VA0024M	TOBIAS
Merkeregister	VA0024S	POSEIDON
Merkeregister	VA0025FS	LØLAND
Merkeregister	VA0025K	MARIE
Merkeregister	VA0025M	POCA
Merkeregister	VA0025S	AÅ
Merkeregister	VA0026F	ANITA
Merkeregister	VA0026K	PLUTO
Merkeregister	VA0026M	TERNEN
Merkeregister	VA0026S	LOM
Merkeregister	VA0027FS	TRYGG
Merkeregister	VA0027K	KALIMAS
Merkeregister	VA0027S	VESLA
Merkeregister	VA0028K	STELLA NOVA
Merkeregister	VA0028LS	ROMI SENIOR
Merkeregister	VA0029LD	EIK
Merkeregister	VA0029LS	LINDA
Merkeregister	VA0029M	LUNDE SENIOR
Merkeregister	VA0029S	VESLA
Merkeregister	VA0030FS	LAGUN
Merkeregister	VA0030K	SKIPPY
Merkeregister	VA0030M	BOLETTE II
Merkeregister	VA0030S	LISE
Merkeregister	VA0031K	KENTY
Merkeregister	VA0031LS	KVISLA
Merkeregister	VA0031S	FYRIO
Merkeregister	VA0032F	BIBBI
Merkeregister	VA0032K	ERLY
Merkeregister	VA0032M	ANGELL
Merkeregister	VA0033F	NAPP
Merkeregister	VA0033K	SIGJO
Merkeregister	VA0033LS	LILLEJENTA
Merkeregister	VA0033M	REIDUN
Merkeregister	VA0033S	KNERTEN
Merkeregister	VA0034F	SILLE
Merkeregister	VA0034K	ALMA
Merkeregister	VA0034LS	MAREN BONANZA
Merkeregister	VA0034S	JENNY
Merkeregister	VA0035K	HUGLO
Merkeregister	VA0035M	MARI
Merkeregister	VA0035S	FISKUS
Merkeregister	VA0036K	CERTINA
Merkeregister	VA0036M	NATALIE
Merkeregister	VA0036S	TEMPO LETT
Merkeregister	VA0037K	BLÅMANN
Merkeregister	VA0037S	MARLIN
Merkeregister	VA0038FS	SUSANN
Merkeregister	VA0038K	LEPPA
Merkeregister	VA0038LS	BÅLY
Merkeregister	VA0038M	FRITHJOF
Merkeregister	VA0039FS	FALCON
Merkeregister	VA0039K	BROSMA II
Merkeregister	VA0039M	GAASA
Merkeregister	VA0039S	GORINE
Merkeregister	VA0040K	AASE

Merkeregister	VA0040M	ARCTIC
Merkeregister	VA0040S	TOMINE
Merkeregister	VA0041K	MONSUN
Merkeregister	VA0041LS	WAARØY
Merkeregister	VA0041M	LOVISE
Merkeregister	VA0041S	LILLEGUTT
Merkeregister	VA0042FS	KNYGGEN
Merkeregister	VA0042K	SETHO
Merkeregister	VA0043K	SJØFUGLEN
Merkeregister	VA0043M	PION
Merkeregister	VA0044K	GYLTA
Merkeregister	VA0044M	ROSENVOLL
Merkeregister	VA0045M	LOTTA
Merkeregister	VA0046F	FIDJE II
Merkeregister	VA0046FS	MILJØFISK
Merkeregister	VA0046M	ANQUILLA
Merkeregister	VA0047K	PYSEN
Merkeregister	VA0047LS	TJN
Merkeregister	VA0048FS	BUGDØY
Merkeregister	VA0048K	HUSVÆR
Merkeregister	VA0049K	VESLA
Merkeregister	VA0049M	MUNAAS
Merkeregister	VA0050M	TEINA II
Merkeregister	VA0050S	LOTTA
Merkeregister	VA0051K	VESTERØY
Merkeregister	VA0051M	TEINA III
Merkeregister	VA0051S	SLEIPNER
Merkeregister	VA0052S	TORDENSKJOLD
Merkeregister	VA0053K	LISBETH
Merkeregister	VA0056K	IRIS
Merkeregister	VA0056S	BELLA
Merkeregister	VA0057K	SILJANN III
Merkeregister	VA0060K	JANVI
Merkeregister	VA0061F	FELEX
Merkeregister	VA0061S	FLID
Merkeregister	VA0064K	GRØNNVIK JR
Merkeregister	VA0065S	BRIS JUNIOR
Merkeregister	VA0066F	FLUBAS
Merkeregister	VA0068K	OLD VIKING
Merkeregister	VA0068S	BRIS
Merkeregister	VA0071M	BRATTHOLM
Merkeregister	VA0071S	BINGO
Merkeregister	VA0074M	LEPPA
Merkeregister	VA0075K	STREIF 1
Merkeregister	VA0075M	SOLO
Merkeregister	VA0076K	TRYGG
Merkeregister	VA0076LS	STORVIG SENIOR
Merkeregister	VA0076M	SOLFUGLEN
Merkeregister	VA0077M	KVEITA
Merkeregister	VA0077S	PILOT
Merkeregister	VA0078K	PÅLITA
Merkeregister	VA0078M	MARIE
Merkeregister	VA0081F	MÅKEN
Merkeregister	VA0081LS	STORVIG
Merkeregister	VA0082K	HAVØRN
Merkeregister	VA0083F	RAMONA
Merkeregister	VA0084S	FLIPPER
Merkeregister	VA0085S	SØRLAND

Merkeregister	VA0086LS	ASTRID EMILIE
Merkeregister	VA0086M	INGER
Merkeregister	VA0087K	FRIEDA
Merkeregister	VA0087LS	NESEJENTA
Merkeregister	VA0088K	KVÅSEN
Merkeregister	VA0088M	ANNA
Merkeregister	VA0088S	TOBIAS
Merkeregister	VA0090K	RICHI
Merkeregister	VA0090M	HILLESUND
Merkeregister	VA0090S	JUMBO
Merkeregister	VA0091S	BRUS
Merkeregister	VA0095K	PIRAJA
Merkeregister	VA0097FS	ELDORADO
Merkeregister	VA0098K	OLAGUTT
Merkeregister	VA0099K	ØSTREM
Merkeregister	VA0110K	ANN MARI
Merkeregister	VA0110M	T.C.
Merkeregister	VA0110S	SILLE MARIE
Merkeregister	VA0111K	OLAGUTT
Merkeregister	VA0114F	ANETTE
Merkeregister	VA0114K	TOMALIE
Merkeregister	VA0116F	ELFI
Merkeregister	VA0116K	MALENA
Merkeregister	VA0118M	RANDI
Merkeregister	VA0119M	SJØLIV
Merkeregister	VA0122K	SJØVIK
Merkeregister	VA0131K	LUNA
Merkeregister	VA0134M	SKOGSØYJENTA
Merkeregister	VA0135K	RINGSKJÆR SØR
Merkeregister	VA0137F	TERNA
Merkeregister	VA0138K	MARIUS
Merkeregister	VA0138M	BLEGA II
Merkeregister	VA0139F	MONICA SENIOR
Merkeregister	VA0142K	SVÅHOLM
Merkeregister	VA0148F	TEODOR
Merkeregister	VA0148M	STRANDBUEN
Merkeregister	VA0151F	LYNGNES
Merkeregister	VA0170M	EIGENES
Merkeregister	VA0180F	SABB
Merkeregister	VA0188K	BUANE
Merkeregister	VA0193F	TINA
Merkeregister	VA0196K	HORISONT III
Merkeregister	VA0198FS	JØLLE
Merkeregister	VA0200K	ANN LOUISE
Merkeregister	VA0215K	SIRIUS
Merkeregister	VA0217K	LYSEMA
Merkeregister	VA0233S	UDVAAR II
Merkeregister	VA0256K	TOYA
Merkeregister	VA0264K	BETZY
Merkeregister	VA0269K	BETZY
Merkeregister	VA0311F	TARZAN
Merkeregister	VA0327F	TERNA
Merkeregister	VA0333LS	VAREID
Merkeregister	Ø 0001F	ENGELSVIKING
Merkeregister	Ø 0001H	SJØLIV
Merkeregister	Ø 0001HD	LIPPFISH
Merkeregister	Ø 0001M	GLAD
Merkeregister	Ø 0001S	CAMO

Merkeregister	Ø 0002H	MINI SPJÆRINGEN
Merkeregister	Ø 0002HD	DRH
Merkeregister	Ø 0002R	ÅRVIKEN
Merkeregister	Ø 0002S	MAGNUS
Merkeregister	Ø 0003F	MARTE
Merkeregister	Ø 0003H	THALASSA
Merkeregister	Ø 0003M	RINGSKJÆR
Merkeregister	Ø 0003R	MÅKEN
Merkeregister	Ø 0004F	WITO
Merkeregister	Ø 0005F	TRIGGER
Merkeregister	Ø 0005H	BUSTER
Merkeregister	Ø 0006F	LILLEBA
Merkeregister	Ø 0006H	BERIT
Merkeregister	Ø 0006HD	AUGUST
Merkeregister	Ø 0007F	SIVERT
Merkeregister	Ø 0007H	ELI R
Merkeregister	Ø 0007M	KULING
Merkeregister	Ø 0008F	TEDDY
Merkeregister	Ø 0008H	VICTHOR
Merkeregister	Ø 0009F	BEKKHUS
Merkeregister	Ø 0009H	TENHOLMSKJÆR
Merkeregister	Ø 0009R	BUSEN
Merkeregister	Ø 0009S	SMURFEN
Merkeregister	Ø 0010F	BALUBA
Merkeregister	Ø 0010H	ELI R
Merkeregister	Ø 0010R	ÅREFJORDBAS
Merkeregister	Ø 0011F	SKARVEN
Merkeregister	Ø 0011H	FRIDA
Merkeregister	Ø 0011RD	KROGSTAD 2
Merkeregister	Ø 0012F	OTER
Merkeregister	Ø 0012RD	KROGSTAD
Merkeregister	Ø 0012S	MAGNUS
Merkeregister	Ø 0014F	VIGDIS
Merkeregister	Ø 0015F	GUNDERS
Merkeregister	Ø 0016F	LORTEBALJO
Merkeregister	Ø 0017F	HÅKON
Merkeregister	Ø 0017H	ELI R
Merkeregister	Ø 0017R	ØRAGUTT
Merkeregister	Ø 0018F	KOGGEN
Merkeregister	Ø 0018R	FRIDA
Merkeregister	Ø 0019F	SVANESUND
Merkeregister	Ø 0019H	HENRIETTE
Merkeregister	Ø 0019R	AQUALON
Merkeregister	Ø 0020F	SNOOPY
Merkeregister	Ø 0020S	NELLA
Merkeregister	Ø 0021F	VALHALL
Merkeregister	Ø 0022F	ELLEN
Merkeregister	Ø 0022H	STANGHOLM
Merkeregister	Ø 0022S	MISTRAL
Merkeregister	Ø 0023H	VERONIKA
Merkeregister	Ø 0024H	HELENE
Merkeregister	Ø 0027H	TOBIAS
Merkeregister	Ø 0028F	VILLAND
Merkeregister	Ø 0028H	STRANDGUTT
Merkeregister	Ø 0029F	SVANESUND II
Merkeregister	Ø 0030H	SPJÆRØY
Merkeregister	Ø 0031F	MARTE-PERNILLE
Merkeregister	Ø 0031H	FUNDA

Merkeregister	Ø 0034F	PRIMUS
Merkeregister	Ø 0036H	HERA
Merkeregister	Ø 0039H	LURO
Merkeregister	Ø 0040R	ÅREFJORDGUTT
Merkeregister	Ø 0041H	COLIBRI
Merkeregister	Ø 0043H	STRATOS
Merkeregister	Ø 0044H	KIKKI
Merkeregister	Ø 0045F	SIVERT SENIOR
Merkeregister	Ø 0045H	ODDEN
Merkeregister	Ø 0047H	ASMALØ
Merkeregister	Ø 0048H	TENNSKJÆR
Merkeregister	Ø 0050H	SONBAS SENIOR
Merkeregister	Ø 0051H	YLVA
Merkeregister	Ø 0052R	VIGRA
Merkeregister	Ø 0056H	RUGGEN
Merkeregister	Ø 0060F	ANNE
Merkeregister	Ø 0060H	HAVELLA
Merkeregister	Ø 0062F	ANNE KARIN III
Merkeregister	Ø 0071H	PONNY
Merkeregister	Ø 0072H	NIKITA
Merkeregister	Ø 0073H	STRATOS 2
Merkeregister	Ø 0075H	BORGEN
Merkeregister	Ø 0078H	LEPPEFISK BORGEN
Merkeregister	Ø 0081F	DULFEN
Merkeregister	Ø 0082H	BODIL
Merkeregister	Ø 0083H	SPJÆRINGEN
Merkeregister	Ø 0084F	SYDNES
Merkeregister	Ø 0086H	ØYSKJÆR
Merkeregister	Ø 0088H	MIKKI
Merkeregister	Ø 0098H	CATALINA
Merkeregister	Ø 0100H	SPJÆRLYS
Merkeregister	Ø 0111F	SPRATTUS
Merkeregister	Ø 0115F	MARTE
Merkeregister	Ø 0128H	ANN SOFIE
Merkeregister	Ø 0150H	SPJÆRINGEN SENIOR
Merkeregister	Ø 0155H	DIANA
Merkeregister	Ø 0187H	KNUBBEN
Merkeregister	Ø 0188H	ANNA
Merkeregister	Ø 0231H	TERNA
Merkeregister	Ø 0235H	TOPSY
Merkeregister	Ø 0264H	TORGLIMT
Fritidsregister	A 2015UK	UNGDOMSKVOTE
Fritidsregister	A 9000L	FRITIDSFARTØY
Fritidsregister	A 9000N	FRITIDSBÅT
Fritidsregister	A 9000V	FRITIDSBÅT
Fritidsregister	AAC575	FRITIDSFARTØY
Fritidsregister	AAE727	FRITIDSFARTØY
Fritidsregister	AAH185	FRITIDSFARTØY
Fritidsregister	AAJ216	FRITIDSFARTØY
Fritidsregister	AAS281	FRITIDSFARTØY
Fritidsregister	AAU175	FRITIDSFARTØY
Fritidsregister	AA9000A	FRITIDSBÅT
Fritidsregister	ABC521	FRITIDSFARTØY
Fritidsregister	ABN040	FRITIDSFARTØY
Fritidsregister	ABN177	FRITIDSFARTØY
Fritidsregister	ABN771	FRITIDSFARTØY
Fritidsregister	ABO155	FRITIDSFARTØY
Fritidsregister	B 2015UK	UNGDOMSKVOTE

Fritidsregister	BAA515	FRITIDSFARTØY
Fritidsregister	BAH865	FRITIDSFARTØY
Fritidsregister	BAI589	FRITIDSFARTØY
Fritidsregister	BAW245	FRITIDSFARTØY
Fritidsregister	BAY808	FRITIDSBÅT
Fritidsregister	BBE295	FRITIDSFARTØY
Fritidsregister	BBE377	FRITIDSFARTØY
Fritidsregister	BBE703	FRITIDSFARTØY
Fritidsregister	BBG524	ISMATHO
Fritidsregister	BBM068	FRITIDSFARTØY
Fritidsregister	BBN384	FRITIDSFARTØY
Fritidsregister	CAT022	FRITIDSFARTØY
Fritidsregister	CAY147	FRITIDSFARTØY
Fritidsregister	CAY285	FRITIDSFARTØY
Fritidsregister	CAY311	FRITIDSFARTØY
Fritidsregister	CBA606	SMÅBÅT
Fritidsregister	CBH538	FRITIDSFARTØY
Fritidsregister	CBM940	FRITIDSFARTØY
Fritidsregister	CBQ430	FRITIDSFARTØY
Fritidsregister	CBU214	FRITIDSFARTØY
Fritidsregister	CBU263	FRITIDSFARTØY
Fritidsregister	CBV672	FRITIDSFARTØY
Fritidsregister	CBW271	FRITIDSFARTØY
Fritidsregister	CBW983	FRITIDSFARTØY
Fritidsregister	DAC979	FRITIDSFARTØY
Fritidsregister	DAG923	FRITIDSFARTØY
Fritidsregister	DAH175	FRITIDSFARTØY
Fritidsregister	EAA269	FRITIDSFARTØY
Fritidsregister	EAF033	FRITIDSFARTØY
Fritidsregister	EAF770	FRITIDSFARTØY
Fritidsregister	EAF852	FRITIDSFARTØY
Fritidsregister	F 2015UK	UNGDOMSKVOTE
Fritidsregister	F 2016UK	UNGDOMSKVOTE
Fritidsregister	F 9000A	FRITIDSBÅT
Fritidsregister	F 9000H	FRITIDSBÅT
Fritidsregister	F 9000KD	FRITIDSBÅT
Fritidsregister	F 9000L	FRITIDSBÅT
Fritidsregister	F 9000NK	FRITIDSBÅT
Fritidsregister	F 9000VS	FRITIDSBÅT
Fritidsregister	FAC175	FRITIDSFARTØY
Fritidsregister	FAD051	FRITIDSFARTØY
Fritidsregister	FAP587	FRITIDSFARTØY
Fritidsregister	FAR022	FRITIDSFARTØY
Fritidsregister	FAR926	FRITIDSFARTØY
Fritidsregister	FAR948	FRITIDSFARTØY
Fritidsregister	FAS471	FRITIDSFARTØY
Fritidsregister	FAS644	FRITIDSFARTØY
Fritidsregister	HAM222	FRITIDSFARTØY
Fritidsregister	HAQ164	FRITIDSFARTØY
Fritidsregister	HAT667	FRITIDSFARTØY
Fritidsregister	HAV360	FRITIDSFARTØY
Fritidsregister	HAW088	FRITIDSFARTØY
Fritidsregister	HAW987	FRITIDSFARTØY
Fritidsregister	IAB232	FRITIDSFARTØY
Fritidsregister	IAK060	FRITIDSFARTØY
Fritidsregister	IAV901	FRITIDSFARTØY
Fritidsregister	IAX157	FRITIDSFARTØY
Fritidsregister	IAX401	FRITIDSFARTØY

Fritidsregister	KAL322	FRITIDSFARTØY
Fritidsregister	KAM513	FRITIDSFARTØY
Fritidsregister	KAU142	FRITIDSFARTØY
Fritidsregister	KAV301	FRITIDSFARTØY
Fritidsregister	LAE862	FRITIDSFARTØY
Fritidsregister	LAI131	FRITIDSFARTØY
Fritidsregister	LAI161	FRITIDSFARTØY
Fritidsregister	LAI307	FRITIDSFARTØY
Fritidsregister	LAQ135	FRITIDSFARTØY
Fritidsregister	LAX132	FRITIDSFARTØY
Fritidsregister	LAX673	FRITIDSFARTØY
Fritidsregister	LBB343	FRITIDSFARTØY
Fritidsregister	LBE307	FRITIDSFARTØY
Fritidsregister	LBG278	FRITIDSFARTØY
Fritidsregister	LBH644	FRITIDSFARTØY
Fritidsregister	LBM885	FRITIDSFARTØY
Fritidsregister	LBP427	SMÅBÅT
Fritidsregister	LBP813	FRITIDSFARTØY
Fritidsregister	LBQ105	FRITIDSFARTØY
Fritidsregister	LBU032	FRITIDSFARTØY
Fritidsregister	LBU561	FRITIDSFARTØY
Fritidsregister	LBV072	FRITIDSFARTØY
Fritidsregister	LBV103	SMÅBÅT
Fritidsregister	LCGG	FRITIDSFARTØY
Fritidsregister	LEEM	BLOMØY
Fritidsregister	LFZN	FOLKVANG
Fritidsregister	LGIM	BOLGA
Fritidsregister	LG2385	FRITIDSFARTØY
Fritidsregister	LG2701	TANITA
Fritidsregister	LG2741	FRITIDSFARTØY
Fritidsregister	LG3482	FRITIDSFARTØY
Fritidsregister	LG3613	FRITIDSFARTØY
Fritidsregister	LG3934	FRITIDSBÅT
Fritidsregister	LG4293	SMÅBÅT
Fritidsregister	LG5157	FRIDTIDSFARTØY
Fritidsregister	LG5471	FRITIDSFARTØY
Fritidsregister	LG5659	SMÅBÅT
Fritidsregister	LG5664	FRITIDSFARTØY
Fritidsregister	LG6165	FRITIDSFARTØY
Fritidsregister	LG6326	FRITIDSFARTØY
Fritidsregister	LG6345	FRITIDSFARTØY
Fritidsregister	LG6505	FRITIDSFARTØY
Fritidsregister	LG6803	FRITIDSFARTØY
Fritidsregister	LG6842	FRITIDSFARTØY
Fritidsregister	LG7343	FRITIDSFARTØY
Fritidsregister	LG7524	FRITIDSFARTØY
Fritidsregister	LG7530	FRITIDSFARTØY
Fritidsregister	LG7804	FRITIDSBÅT
Fritidsregister	LG7992	FRITIDSFARTØY
Fritidsregister	LG8125	BJONA LADY
Fritidsregister	LG8559	SMÅBÅT
Fritidsregister	LG9068	FRITIDSFARTØY
Fritidsregister	LG9165	FRITIDSFARTØY
Fritidsregister	LHYJ	FRITIDSFARTØY
Fritidsregister	LJKV	FRITIDSFARTØY
Fritidsregister	LKZ001	FRITIDSFARTØY
Fritidsregister	LK2230	FRITIDSFARTØY
Fritidsregister	LK2597	FRITIDSFARTØY

Fritidsregister	LK3508	FRITIDSFARTØY
Fritidsregister	LK4459	FRITIDSFARTØY
Fritidsregister	LK5390	SMÅBÅT
Fritidsregister	LK6701	FRITIDSBÅT
Fritidsregister	LK7903	FRITIDSFARTØY
Fritidsregister	LK7904	FRITIDSFARTØY
Fritidsregister	LK9018	FRITIDSBÅT
Fritidsregister	LK9128	HOLIDAY PRINCE
Fritidsregister	LM2106	FRITIDSFARTØY
Fritidsregister	LM2654	FRITIDSFARTØY
Fritidsregister	LM2781	FRITIDSBÅT
Fritidsregister	LM3662	FRITIDSFARTØY
Fritidsregister	LM5323	FRITIDSFARTØY
Fritidsregister	LM5357	ARGUS
Fritidsregister	LM9245	FRITIDSBÅT
Fritidsregister	LM9458	FRITIDSFARTØY
Fritidsregister	LNEW	SJØBLOMSTEN
Fritidsregister	LN5427	SMÅBÅT
Fritidsregister	M 2015UK	UNGDOMSKVOTE
Fritidsregister	M 2016UK	UNGDOMSKVOTE
Fritidsregister	M 9000AE	FRITIDSBÅT
Fritidsregister	M 9000AV	FRITIDSBÅT
Fritidsregister	M 9000K	FRITIDSBÅT
Fritidsregister	M 9000SM	FRITIDSBÅT
Fritidsregister	M 9000TV	FRITIDSBÅT
Fritidsregister	N 2013UK	UNGDOMSKVOTE
Fritidsregister	N 2015UK	UNGDOMSKVOTE
Fritidsregister	N 2016UK	UNGDOMSKVOTE
Fritidsregister	N 9000AH	FRITIDSBÅT
Fritidsregister	N 9000B	FRITIDSBÅT
Fritidsregister	N 9000BR	FRITIDSBÅT
Fritidsregister	N 9000BØ	FRITIDSBÅT
Fritidsregister	N 9000DA	FRITIDSBÅT
Fritidsregister	N 9000E	FRITIDSBÅT
Fritidsregister	N 9000G	FRITIDSBÅT
Fritidsregister	N 9000H	FRITIDSBÅT
Fritidsregister	N 9000L	FRITIDSBÅT
Fritidsregister	N 9000LF	FRITIDSBÅT
Fritidsregister	N 9000ME	FRITIDSBÅT
Fritidsregister	N 9000MS	FRITIDSBÅT
Fritidsregister	N 9000N	FRITIDSBÅT
Fritidsregister	N 9000SF	FRITIDSBÅT
Fritidsregister	N 9000SG	FRITIDSBÅT
Fritidsregister	N 9000SO	FRITIDSBÅT
Fritidsregister	N 9000TF	FRITIDSBÅT
Fritidsregister	N 9000TN	FRITIDSBÅT
Fritidsregister	N 9000TS	FRITIDSBÅT
Fritidsregister	N 9000V	FRITIDSBÅT
Fritidsregister	N 9000VA	FRITIDSBÅT
Fritidsregister	N 9000VV	FRITIDSBÅT
Fritidsregister	N 9000Ø	FRITIDSBÅT
Fritidsregister	NT2015UK	UNGDOMSKVOTE
Fritidsregister	NT2016UK	UNGDOMSKVOTE
Fritidsregister	NT9000F	FRITIDSBÅT
Fritidsregister	NT9000NR	FRITIDSBÅT
Fritidsregister	NT9000S	FRITIDSBÅT
Fritidsregister	NT9000V	FRITIDSBÅT
Fritidsregister	NT9000VN	FRITIDSBÅT

Fritidsregister	O 9000O	FRITIDSBÅT
Fritidsregister	PAC134	FRITIDSFARTØY
Fritidsregister	R 9000L	FRITIDSBÅT
Fritidsregister	RAC537	FRITIDSFARTØY
Fritidsregister	RAC828	FRITIDSFARTØY
Fritidsregister	RAE306	FRITIDSFARTØY
Fritidsregister	RAK755	SMÅBÅT
Fritidsregister	RAN633	FRITIDSFARTØY
Fritidsregister	RAP208	FRITIDSFARTØY
Fritidsregister	RAW205	SMÅBÅT
Fritidsregister	RAW497	FRITIDSFARTØY
Fritidsregister	RAY932	FRITIDSFARTØY
Fritidsregister	RBA219	SMÅBÅT
Fritidsregister	RBC627	FRITIDSFARTØY
Fritidsregister	RBF920	FRITIDSFARTØY
Fritidsregister	RBH386	FRITIDSFARTØY
Fritidsregister	RBI273	SMÅBÅT
Fritidsregister	RBM641	FRITIDSFARTØY
Fritidsregister	RBN660	FRITIDSFARTØY
Fritidsregister	RBN788	FRITIDSFARTØY
Fritidsregister	RBQ803	FRITIDSFARTØY
Fritidsregister	RBS859	FRITIDSFARTØY
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Fritidsregister	RBX134	FRITIDSFARTØY
Fritidsregister	RBY045	FRITIDSFARTØY
Fritidsregister	RBY205	FRITIDSFARTØY
Fritidsregister	RBZ236	FRITIDSFARTØY
Fritidsregister	RBZ460	FRITIDSFARTØY
Fritidsregister	RCA460	FRITIDSFARTØY
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Fritidsregister	SAM059	FRITIDSFARTØY

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Fritidsregister	SAM564	FRITIDSFARTØY
Fritidsregister	SAN103	FRITIDSFARTØY
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Fritidsregister	ST9000A	FRITIDSBÅT
Fritidsregister	ST9000B	FRITIDSBÅT
Fritidsregister	ST9000F	FRITIDSBÅT
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Fritidsregister	ST9000HE	FRITIDSBÅT
Fritidsregister	ST9000K	FRITIDSFARTØY
Fritidsregister	ST9000R	FRITIDSBÅT
Fritidsregister	ST9000RS	FRITIDSBÅT
Fritidsregister	ST9000SI	FRITIDSBÅT
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Fritidsregister	ST9000Ø	FRITIDSBÅT
Fritidsregister	T 2015UK	UNGDOMSKVOTE
Fritidsregister	T 2016UK	UNGDOMSKVOTE
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Fritidsregister	T 9000BG	FRITIDSBÅT
Fritidsregister	T 9000BK	FRITIDSBÅT
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Fritidsregister	T 9000TS	FRITIDSBÅT
Fritidsregister	T 9800T	FISKEFESTIVALER
Fritidsregister	TAA335	FRITIDSFARTØY
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Fritidsregister	TAG502	FRITIDSFARTØY
Fritidsregister	TAG816	FRITIDSFARTØY
Fritidsregister	TAG825	SMÅBÅT
Fritidsregister	TAH146	SMÅBÅT
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Fritidsregister	VAK800	FRITIDSFARTØY
Fritidsregister	VAK818	FRITIDSFARTØY
Fritidsregister	VAK835	FRITIDSFARTØY
Fritidsregister	VAK918	FRITIDSFARTØY
Fritidsregister	VAL031	FRITIDSFARTØY
Fritidsregister	VAL035	FRITIDSFARTØY
Fritidsregister	VAL044	FRITIDSFARTØY
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Fritidsregister	WAO399	SMÅBÅT
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Fritidsregister	XAM783	FRITIDSBÅT
Fritidsregister	XAM789	FRITIDSFARTØY
Fritidsregister	XAM790	FRITIDSFARTØY
Fritidsregister	XAM793	FRITIDSFARTØY
Fritidsregister	XAM796	FRITIDSFARTØY
Fritidsregister	XAM811	FRITIDSFARTØY
Fritidsregister	XAM814	FRITIDSFARTØY
Fritidsregister	XAM816	FRITIDSFARTØY
Fritidsregister	XAM821	FRITIDSFARTØY
Fritidsregister	XAM825	FRITIDSFARTØY

Fritidsregister	XAM826	FRITIDSFARTØY
Fritidsregister	XAM827	FRITIDSFARTØY
Fritidsregister	XAM831	FRITIDSFARTØY
Fritidsregister	XAM833	FRITIDSFARTØY
Fritidsregister	XAM846	FRITIDSFARTØY
Fritidsregister	XAM847	FRITIDSFARTØY
Fritidsregister	XAM857	FRITIDSFARTØY
Fritidsregister	XAM871	FRITIDSFARTØY
Fritidsregister	XAM874	FRITIDSFARTØY
Fritidsregister	XAM881	FRITIDSFARTØY
Fritidsregister	XAM887	FRITIDSFARTØY
Fritidsregister	XAM912	FRITIDSFARTØY
Fritidsregister	XAM932	FRITIDSFARTØY
Fritidsregister	XAM934	FRITIDSFARTØY
Fritidsregister	XAM956	FRITIDSFARTØY
Fritidsregister	XAM958	FRITIDSFARTØY
Fritidsregister	XAM967	FRITIDSFARTØY
Fritidsregister	XAM969	FRITIDSFARTØY
Fritidsregister	XAM990	FRITIDSFARTØY
Fritidsregister	XAM994	FRITIDSFARTØY
Fritidsregister	XAM998	FRITIDSFARTØY
Fritidsregister	XAN009	SMÅBÅT
Fritidsregister	XAN011	FRITIDSFARTØY
Fritidsregister	XAN014	FRITIDSFARTØY
Fritidsregister	XAN015	FRITIDSFARTØY
Fritidsregister	XAN021	FRITIDSFARTØY
Fritidsregister	XAN027	FRITIDSFARTØY
Fritidsregister	XAN032	FRITIDSFARTØY
Fritidsregister	XAN035	FRITIDSFARTØY
Fritidsregister	XAN049	FRITIDSFARTØY
Fritidsregister	XAN057	FRITIDSFARTØY
Fritidsregister	XAN062	FRITIDSFARTØY
Fritidsregister	XAN066	FRITIDSFARTØY
Fritidsregister	XAN072	FRITIDSFARTØY
Fritidsregister	XAN073	FRITIDSFARTØY
Fritidsregister	XAN075	FRITIDSFARTØY
Fritidsregister	XAN076	FRITIDSFARTØY
Fritidsregister	XAN081	FRITIDSFARTØY
Fritidsregister	XAN083	FRITIDSFARTØY
Fritidsregister	XAN094	FRITIDSFARTØY
Fritidsregister	XAN110	FRITIDSFARTØY
Fritidsregister	XAN111	FRITIDSFARTØY
Fritidsregister	XAN112	FRITIDSFARTØY
Fritidsregister	XAN125	FRITIDSFARTØY
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Fritidsregister	XAN129	FRITIDSFARTØY
Fritidsregister	XAN132	FRITIDSFARTØY
Fritidsregister	XAN135	FRITIDSFARTØY
Fritidsregister	XAN140	FRITIDSFARTØY
Fritidsregister	XAN142	FRITIDSFARTØY
Fritidsregister	XAN165	FRITIDSFARTØY
Fritidsregister	XAN169	FRITIDSFARTØY
Fritidsregister	XAN170	FRITIDSFARTØY
Fritidsregister	XAN180	SMÅBÅT
Fritidsregister	XAN182	FRITIDSFARTØY
Fritidsregister	XAN184	FRITIDSFARTØY
Fritidsregister	XAN199	FRITIDSFARTØY
Fritidsregister	XAN200	FRITIDSFARTØY

Fritidsregister	XAN201	SMÅBÅT
Fritidsregister	XAN250	FRITIDSFARTØY
Fritidsregister	XAN260	FRITIDSFARTØY
Fritidsregister	XAN261	FRITIDSFARTØY
Fritidsregister	XAN262	FRITIDSFARTØY
Fritidsregister	XAN277	FRITIDSFARTØY
Fritidsregister	XAN285	RITIDSFARTØY
Fritidsregister	XAN294	FRITIDSFARTØY
Fritidsregister	XAN302	FRITIDSFARTØY
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Fritidsregister	XAN346	FRITIDSFARTØY
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Fritidsregister	XAN357	FRITIDSFARTØY
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Fritidsregister	XAN502	FRITIDSFARTØY
Fritidsregister	XAN569	FRITIDSFARTØY
Fritidsregister	XAN573	SMÅBÅT
Fritidsregister	XAN575	FRITIDSBÅT
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Fritidsregister	XAN607	SMÅBÅT
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Fritidsregister	XAN615	SMÅBÅT
Fritidsregister	XAN642	FRITIDSFARTØY
Fritidsregister	XAN647	FRITIDSFARTØY
Fritidsregister	XAN651	FRITIDSFARTØY

Fritidsregister	XAN653	SMÅBÅT
Fritidsregister	XAN658	FRITIDSFARTØY
Fritidsregister	XAN664	FRITIDSFARTØY
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Fritidsregister	XAN738	FRITIDSFARTØY
Fritidsregister	XAN740	SMÅBÅT
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Fritidsregister	YAG016	SMÅBÅT
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Fritidsregister	YAG994	FRITIDSFARTØY
Fritidsregister	YAH006	FRITIDSFARTØY
Fritidsregister	YAH009	FRITIDSFARTØY
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Fritidsregister	YAH131	FRITIDSFARTØY
Fritidsregister	YAH142	FRITIDSFARTØY
Fritidsregister	ZAA614	FRITIDSFARTØY
Fritidsregister	ZAB433	FRITIDSFARTØY
Fritidsregister	ZAE177	FRITIDSFARTØY
Fritidsregister	ZAI186	FRITIDSFARTØY
Fritidsregister	ZAN406	FRITIDSFARTØY
Fritidsregister	ZAN707	FRITIDSFARTØY
Fritidsregister	ZAP778	FRITIDSFARTØY
Fritidsregister	ZAQ478	FRITIDSFARTØY
Fritidsregister	ZAQ938	FRITIDSFARTØY
Fritidsregister	ZAU733	FRITIDSFARTØY
Fritidsregister	ZAY468	FRITIDSFARTØY
Fritidsregister	ZBG010	FRITIDSFARTØY
Fritidsregister	ZBG443	FRITIDSFARTØY
Fritidsregister	ZBH328	FRITIDSFARTØY
Fritidsregister	3YQU	SENJAPYNT

About DNV GL

Driven by our purpose of safeguarding life, property and the environment, DNV GL enables organizations to advance the safety and sustainability of their business. We provide classification and technical assurance along with software and independent expert advisory services to the maritime, oil and gas,

and energy industries. We also provide certification services to customers across a wide range of industries. Operating in more than 100 countries, our 16,000 professionals are dedicated to helping our customers make the world safer, smarter and greener.