



Bureau Veritas Certification Holding SAS

# **NZRO Gulf of Riga herring (*Clupea harengus membras*) and sprat (*Sprattus sprattus*) trawl fishery**

## **MSC Variation Request**

**Table 1 – Variation request**

|   |   |
|---|---|
| 1 | Date submitted to the MSC   |
|   | 19/07/2019  |
| 2 | CAB   |
|   | Bureau Veritas Certification Holding SAS  |
| 3 | Fishery name and certificate number or CoC certificate number   |
|   | NZRO Gulf of Riga herring ( <i>Clupea harengus membras</i> ) and sprat ( <i>Sprattus sprattus</i> ) trawl fishery |
| 4 | Lead auditor or program manager   |
|   | Macarena García   |
| 5 | Request prepared by   |
|   | Macarena García   |
| 6 | Scheme requirement(s) for which variation requested   |
|   | <b>FCR v2.0 7.10.2.2:</b> 'The team shall not assess any stock not originally proposed as P1 species in P1'       |
| 7 | How many times has a variation for this requirement been accepted for the same assessment of the same fishery?    |
|   | None  |

**Table 2 – Variation justification**

| 1    | Proposed variation   |                     |                    |   |                              |                     |                    |   |      |       |       |     |       |      |       |       |     |       |      |       |       |      |        |      |       |       |      |        |      |       |       |      |        |      |       |       |      |        |      |       |       |      |       |      |       |       |      |        |      |       |       |      |       |      |       |       |      |       |      |       |       |      |        |      |       |       |      |        |      |       |       |      |        |      |       |       |      |        |      |       |       |      |       |
|------|--|---------------------|--------------------|---|------------------------------|---------------------|--------------------|---|------|-------|-------|-----|-------|------|-------|-------|-----|-------|------|-------|-------|------|--------|------|-------|-------|------|--------|------|-------|-------|------|--------|------|-------|-------|------|--------|------|-------|-------|------|-------|------|-------|-------|------|--------|------|-------|-------|------|-------|------|-------|-------|------|-------|------|-------|-------|------|--------|------|-------|-------|------|--------|------|-------|-------|------|--------|------|-------|-------|------|--------|------|-------|-------|------|-------|
|      | The central Baltic herring stock (subdivisions 25-27, 28.2, 29, and 32) was not included in the announcement and it shall be included in the assessment as a P1 stock. There is a need to add a third UoA to the existing ones (Baltic sprat and gulf or Riga herring).  |                     |                    |   |                              |                     |                    |   |      |       |       |     |       |      |       |       |     |       |      |       |       |      |        |      |       |       |      |        |      |       |       |      |        |      |       |       |      |        |      |       |       |      |       |      |       |       |      |        |      |       |       |      |       |      |       |       |      |       |      |       |       |      |        |      |       |       |      |        |      |       |       |      |        |      |       |       |      |        |      |       |       |      |       |
| 2    | Additional time requested  |                     |                    |   |                              |                     |                    |   |      |       |       |     |       |      |       |       |     |       |      |       |       |      |        |      |       |       |      |        |      |       |       |      |        |      |       |       |      |        |      |       |       |      |       |      |       |       |      |        |      |       |       |      |       |      |       |       |      |       |      |       |       |      |        |      |       |       |      |        |      |       |       |      |        |      |       |       |      |        |      |       |       |      |       |
|      | Original deadline date   | NA                  |                    |   |                              |                     |                    |   |      |       |       |     |       |      |       |       |     |       |      |       |       |      |        |      |       |       |      |        |      |       |       |      |        |      |       |       |      |        |      |       |       |      |       |      |       |       |      |        |      |       |       |      |       |      |       |       |      |       |      |       |       |      |        |      |       |       |      |        |      |       |       |      |        |      |       |       |      |        |      |       |       |      |       |
|      | Modified deadline date requested   | NA                  |                    |   |                              |                     |                    |   |      |       |       |     |       |      |       |       |     |       |      |       |       |      |        |      |       |       |      |        |      |       |       |      |        |      |       |       |      |        |      |       |       |      |       |      |       |       |      |        |      |       |       |      |       |      |       |       |      |       |      |       |       |      |        |      |       |       |      |        |      |       |       |      |        |      |       |       |      |        |      |       |       |      |       |
|      | Length of additional time requested  | NA                  |                    |   |                              |                     |                    |   |      |       |       |     |       |      |       |       |     |       |      |       |       |      |        |      |       |       |      |        |      |       |       |      |        |      |       |       |      |        |      |       |       |      |       |      |       |       |      |        |      |       |       |      |       |      |       |       |      |       |      |       |       |      |        |      |       |       |      |        |      |       |       |      |        |      |       |       |      |        |      |       |       |      |       |
| 3    | Justification  |                     |                    |   |                              |                     |                    |   |      |       |       |     |       |      |       |       |     |       |      |       |       |      |        |      |       |       |      |        |      |       |       |      |        |      |       |       |      |        |      |       |       |      |       |      |       |       |      |        |      |       |       |      |       |      |       |       |      |       |      |       |       |      |        |      |       |       |      |        |      |       |       |      |        |      |       |       |      |        |      |       |       |      |       |
|      | <p>The assessed herring fishery is restricted to the Gulf of Riga (SD 28.1).</p> <p>Two different UoAs were defined at the time of the announcement, depending on the target stock: Baltic sprat (subdivisions 22-32) and Gulf of Riga herring (subdivision 28.1).</p> <p>The assessment team skipped the fact that, despite ICES provides a separate assessment and advice for the Gulf of Riga herring stock, a mixture of central Baltic herring (subdivisions 25-27, 28.2, 29, and 32) and the Gulf of Riga herring (subdivision 28.1) is caught in the Gulf of Riga (28.1). Actually, the TAC proposed for the Gulf of Riga area is based on the advised catch for the Gulf of Riga herring stock, plus the assumed catch of herring from the central Baltic stock taken in the Gulf of Riga. In order to do so, ICES estimates annual catches of the central Baltic herring caught in the Gulf of Riga (see table below).</p> <p><b>Table 1.</b> Total catches of herring in the gulf of Riga (GoR) and estimates of how they correspond to either the gulf of Riga stock (GOR) or to the central Baltic stock (CBH). Source: developed by BV based on the latest ICES advice on the herring SD28.1 (Gulf of Riga)</p> <table><tr><th></th><th>total herring catches in GoR</th><th>catches GoR herring</th><th>catches CBH in GoR</th><th>Contribution of the CBH to total herring catches in the GoR</th></tr><tr><td>2003</td><td>41000</td><td>40803</td><td>197</td><td>0,48%</td></tr><tr><td>2004</td><td>39300</td><td>39115</td><td>185</td><td>0,47%</td></tr><tr><td>2005</td><td>38000</td><td>32225</td><td>5775</td><td>15,20%</td></tr><tr><td>2006</td><td>40000</td><td>31232</td><td>8768</td><td>21,92%</td></tr><tr><td>2007</td><td>37500</td><td>33742</td><td>3758</td><td>10,02%</td></tr><tr><td>2008</td><td>36100</td><td>31137</td><td>4963</td><td>13,75%</td></tr><tr><td>2009</td><td>34900</td><td>32554</td><td>2346</td><td>6,72%</td></tr><tr><td>2010</td><td>36400</td><td>30174</td><td>6226</td><td>17,10%</td></tr><tr><td>2011</td><td>32700</td><td>29639</td><td>3061</td><td>9,36%</td></tr><tr><td>2012</td><td>30600</td><td>28115</td><td>2485</td><td>8,12%</td></tr><tr><td>2013</td><td>30600</td><td>26511</td><td>4089</td><td>13,36%</td></tr><tr><td>2014</td><td>30700</td><td>26253</td><td>4447</td><td>14,49%</td></tr><tr><td>2015</td><td>38800</td><td>32851</td><td>5949</td><td>15,33%</td></tr><tr><td>2016</td><td>34900</td><td>30865</td><td>4035</td><td>11,56%</td></tr><tr><td>2017</td><td>31100</td><td>28058</td><td>3042</td><td>9,78%</td></tr></table> |                     |                    |   | total herring catches in GoR | catches GoR herring | catches CBH in GoR | Contribution of the CBH to total herring catches in the GoR | 2003 | 41000 | 40803 | 197 | 0,48% | 2004 | 39300 | 39115 | 185 | 0,47% | 2005 | 38000 | 32225 | 5775 | 15,20% | 2006 | 40000 | 31232 | 8768 | 21,92% | 2007 | 37500 | 33742 | 3758 | 10,02% | 2008 | 36100 | 31137 | 4963 | 13,75% | 2009 | 34900 | 32554 | 2346 | 6,72% | 2010 | 36400 | 30174 | 6226 | 17,10% | 2011 | 32700 | 29639 | 3061 | 9,36% | 2012 | 30600 | 28115 | 2485 | 8,12% | 2013 | 30600 | 26511 | 4089 | 13,36% | 2014 | 30700 | 26253 | 4447 | 14,49% | 2015 | 38800 | 32851 | 5949 | 15,33% | 2016 | 34900 | 30865 | 4035 | 11,56% | 2017 | 31100 | 28058 | 3042 | 9,78% |
|      | total herring catches in GoR   | catches GoR herring | catches CBH in GoR | Contribution of the CBH to total herring catches in the GoR |                              |                     |                    |   |      |       |       |     |       |      |       |       |     |       |      |       |       |      |        |      |       |       |      |        |      |       |       |      |        |      |       |       |      |        |      |       |       |      |       |      |       |       |      |        |      |       |       |      |       |      |       |       |      |       |      |       |       |      |        |      |       |       |      |        |      |       |       |      |        |      |       |       |      |        |      |       |       |      |       |
| 2003 | 41000  | 40803               | 197                | 0,48%   |                              |                     |                    |   |      |       |       |     |       |      |       |       |     |       |      |       |       |      |        |      |       |       |      |        |      |       |       |      |        |      |       |       |      |        |      |       |       |      |       |      |       |       |      |        |      |       |       |      |       |      |       |       |      |       |      |       |       |      |        |      |       |       |      |        |      |       |       |      |        |      |       |       |      |        |      |       |       |      |       |
| 2004 | 39300  | 39115               | 185                | 0,47%   |                              |                     |                    |   |      |       |       |     |       |      |       |       |     |       |      |       |       |      |        |      |       |       |      |        |      |       |       |      |        |      |       |       |      |        |      |       |       |      |       |      |       |       |      |        |      |       |       |      |       |      |       |       |      |       |      |       |       |      |        |      |       |       |      |        |      |       |       |      |        |      |       |       |      |        |      |       |       |      |       |
| 2005 | 38000  | 32225               | 5775               | 15,20%  |                              |                     |                    |   |      |       |       |     |       |      |       |       |     |       |      |       |       |      |        |      |       |       |      |        |      |       |       |      |        |      |       |       |      |        |      |       |       |      |       |      |       |       |      |        |      |       |       |      |       |      |       |       |      |       |      |       |       |      |        |      |       |       |      |        |      |       |       |      |        |      |       |       |      |        |      |       |       |      |       |
| 2006 | 40000  | 31232               | 8768               | 21,92%  |                              |                     |                    |   |      |       |       |     |       |      |       |       |     |       |      |       |       |      |        |      |       |       |      |        |      |       |       |      |        |      |       |       |      |        |      |       |       |      |       |      |       |       |      |        |      |       |       |      |       |      |       |       |      |       |      |       |       |      |        |      |       |       |      |        |      |       |       |      |        |      |       |       |      |        |      |       |       |      |       |
| 2007 | 37500  | 33742               | 3758               | 10,02%  |                              |                     |                    |   |      |       |       |     |       |      |       |       |     |       |      |       |       |      |        |      |       |       |      |        |      |       |       |      |        |      |       |       |      |        |      |       |       |      |       |      |       |       |      |        |      |       |       |      |       |      |       |       |      |       |      |       |       |      |        |      |       |       |      |        |      |       |       |      |        |      |       |       |      |        |      |       |       |      |       |
| 2008 | 36100  | 31137               | 4963               | 13,75%  |                              |                     |                    |   |      |       |       |     |       |      |       |       |     |       |      |       |       |      |        |      |       |       |      |        |      |       |       |      |        |      |       |       |      |        |      |       |       |      |       |      |       |       |      |        |      |       |       |      |       |      |       |       |      |       |      |       |       |      |        |      |       |       |      |        |      |       |       |      |        |      |       |       |      |        |      |       |       |      |       |
| 2009 | 34900  | 32554               | 2346               | 6,72%   |                              |                     |                    |   |      |       |       |     |       |      |       |       |     |       |      |       |       |      |        |      |       |       |      |        |      |       |       |      |        |      |       |       |      |        |      |       |       |      |       |      |       |       |      |        |      |       |       |      |       |      |       |       |      |       |      |       |       |      |        |      |       |       |      |        |      |       |       |      |        |      |       |       |      |        |      |       |       |      |       |
| 2010 | 36400  | 30174               | 6226               | 17,10%  |                              |                     |                    |   |      |       |       |     |       |      |       |       |     |       |      |       |       |      |        |      |       |       |      |        |      |       |       |      |        |      |       |       |      |        |      |       |       |      |       |      |       |       |      |        |      |       |       |      |       |      |       |       |      |       |      |       |       |      |        |      |       |       |      |        |      |       |       |      |        |      |       |       |      |        |      |       |       |      |       |
| 2011 | 32700  | 29639               | 3061               | 9,36%   |                              |                     |                    |   |      |       |       |     |       |      |       |       |     |       |      |       |       |      |        |      |       |       |      |        |      |       |       |      |        |      |       |       |      |        |      |       |       |      |       |      |       |       |      |        |      |       |       |      |       |      |       |       |      |       |      |       |       |      |        |      |       |       |      |        |      |       |       |      |        |      |       |       |      |        |      |       |       |      |       |
| 2012 | 30600  | 28115               | 2485               | 8,12%   |                              |                     |                    |   |      |       |       |     |       |      |       |       |     |       |      |       |       |      |        |      |       |       |      |        |      |       |       |      |        |      |       |       |      |        |      |       |       |      |       |      |       |       |      |        |      |       |       |      |       |      |       |       |      |       |      |       |       |      |        |      |       |       |      |        |      |       |       |      |        |      |       |       |      |        |      |       |       |      |       |
| 2013 | 30600  | 26511               | 4089               | 13,36%  |                              |                     |                    |   |      |       |       |     |       |      |       |       |     |       |      |       |       |      |        |      |       |       |      |        |      |       |       |      |        |      |       |       |      |        |      |       |       |      |       |      |       |       |      |        |      |       |       |      |       |      |       |       |      |       |      |       |       |      |        |      |       |       |      |        |      |       |       |      |        |      |       |       |      |        |      |       |       |      |       |
| 2014 | 30700  | 26253               | 4447               | 14,49%  |                              |                     |                    |   |      |       |       |     |       |      |       |       |     |       |      |       |       |      |        |      |       |       |      |        |      |       |       |      |        |      |       |       |      |        |      |       |       |      |       |      |       |       |      |        |      |       |       |      |       |      |       |       |      |       |      |       |       |      |        |      |       |       |      |        |      |       |       |      |        |      |       |       |      |        |      |       |       |      |       |
| 2015 | 38800  | 32851               | 5949               | 15,33%  |                              |                     |                    |   |      |       |       |     |       |      |       |       |     |       |      |       |       |      |        |      |       |       |      |        |      |       |       |      |        |      |       |       |      |        |      |       |       |      |       |      |       |       |      |        |      |       |       |      |       |      |       |       |      |       |      |       |       |      |        |      |       |       |      |        |      |       |       |      |        |      |       |       |      |        |      |       |       |      |       |
| 2016 | 34900  | 30865               | 4035               | 11,56%  |                              |                     |                    |   |      |       |       |     |       |      |       |       |     |       |      |       |       |      |        |      |       |       |      |        |      |       |       |      |        |      |       |       |      |        |      |       |       |      |       |      |       |       |      |        |      |       |       |      |       |      |       |       |      |       |      |       |       |      |        |      |       |       |      |        |      |       |       |      |        |      |       |       |      |        |      |       |       |      |       |
| 2017 | 31100  | 28058               | 3042               | 9,78%   |                              |                     |                    |   |      |       |       |     |       |      |       |       |     |       |      |       |       |      |        |      |       |       |      |        |      |       |       |      |        |      |       |       |      |        |      |       |       |      |       |      |       |       |      |        |      |       |       |      |       |      |       |       |      |       |      |       |       |      |        |      |       |       |      |        |      |       |       |      |        |      |       |       |      |        |      |       |       |      |       |

|   |   |               |               |              |        |
|---|---|---------------|---------------|--------------|--------|
|   | <b>2018</b>   | 28999         | 25747         | 3252         | 11,21% |
|   | <b>TOTAL</b>  | <b>561599</b> | <b>499021</b> | <b>62578</b> |        |
|   | <p>Based on the above it is clear that the central Baltic herring stock shall also be included in the assessment.</p> <p>The central Baltic herring cannot be assessed as a IPI stock since its contribution in particular year is above 15% (see table 1) and it is certified separately.</p> <p>Thus, the central Baltic herring shall be assessed as a P1 stock and a new Unit of Assessment shall be added to the existing ones.</p>  |               |               |              |        |
| 4 | If a fishery assessment, implications for assessment  |               |               |              |        |
|   | If the request is accepted the CAB will assess the central Baltic herring as a P1 stock. The team is currently busy finishing the PDR, therefore the modifications will be included in the PDR (and subsequent reports).  |               |               |              |        |
| 5 | If a fishery assessment, mitigation of the implications for assessment  |               |               |              |        |
|   | <p>The team is currently busy finishing the PDR. ICES provides a separate assessment for the central Baltic assessment, all the necessary information to assess this stock is available. Further, the scores adopted by the team assessing the overlapping fishery 'Denmark, Estonia, Germany, Sweden Baltic herring and sprat fishery' (currently under assessment) were shared and discussed with the BV team as a result of the recent harmonisation meetings carried out between BV and Lloyd's Register.</p> <p>No other mitigation measures are considered necessary.</p> |               |               |              |        |
| 6 | If a fishery assessment, how many conditions does the fishery have and will their progress be affected (positive or negative)?  |               |               |              |        |
|   | The fishery is still under assessment   |               |               |              |        |
| 7 | What is the status of the current assessment or audit?  |               |               |              |        |
|   | The fishery is still under assessment. The team is currently busy finishing the PDR.  |               |               |              |        |
| 8 | Further comments  |               |               |              |        |
|   | No  |               |               |              |        |
| 9 | If applicable, additional information added after the MSC's request   |               |               |              |        |
|   |   |               |               |              |        |