Stakeholder Consultation Workshop

Cleaner Fish Health and Welfare Indicators

September – October 2023
Background information

Cleaner fish in the ASC standards

Up until now...

- The only mention to cleaner fish in the ASC Salmon Standard v1.4 is in criterion 3.2, which allows for the use of only cleaner fish native to each salmon farming region.

Reality...

- Cleaner fish were highlighted as a topic needing urgent attention during the September-October 2022 Stakeholder Consultation.

Going forward...

- Cleaner fish health and welfare will be covered within the ASC Farm Standard.
- A Cleaner Fish Technical Working Group of experts was put together to develop the new content.
Timeline

- **MAR 2023**: Targeted Stakeholder Consultation + pilots
- **SEP 2023**: Stakeholder consultation
- **MAR 2024**: Final stakeholder consultation
- **JULY 2024**: TAG Approval
- **SEP 2024**: Board approval
- **Autumn 2024**: ASC Farm Standard release
- **Autumn 2025**: ASC Farm Standard operational
Topic proposal

ASC Farm Standard

2.14 Fish Health and Welfare
- 2.14a Day to day
- 2.14b Handling
- 2.14c Slaughter

2.15 Sea lice

2.16 Veterinary therapeutants

Cleaner Fish
- Broaden scope
- Modify
- Create
## Summary of changes

<table>
<thead>
<tr>
<th>Topic</th>
<th>Existing</th>
<th>New</th>
</tr>
</thead>
</table>
| Hatchery origin      | Selection of several indicators from 2.14 and 2.16                      | • Risk based vaccination plan.  
• Acclimatation period.  
• Mortality and deformity reduction programs.  
• Minimum transport time 4h. |
| Wild caught origin   | None                                                                     | • Comply with legislation.  
• Use adequate gear.  
• Ensure good welfare.  
• Minimise disease transmission.  
• Minimise genetic introgression.  
• Training.          |
<table>
<thead>
<tr>
<th>Topic</th>
<th>Existing</th>
<th>New</th>
</tr>
</thead>
<tbody>
<tr>
<td>Routine health and welfare</td>
<td>2.14a (including OWI monitoring)</td>
<td>• Pre-deployment risk assessment.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Quality checks.</td>
</tr>
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<td></td>
<td></td>
<td>• Hides/refugees.</td>
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<td></td>
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<td>• Transfer best practices.</td>
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<tr>
<td></td>
<td></td>
<td>• Feed and sea lice management.</td>
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<tr>
<td></td>
<td></td>
<td>• Report stocking rates and survival rates.</td>
</tr>
<tr>
<td>Therapeutants</td>
<td>2.16</td>
<td>• Treatment or culling of sick animals.</td>
</tr>
<tr>
<td>Topic</td>
<td>Existing</td>
<td>New</td>
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<tr>
<td>------------</td>
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<tr>
<td>Handling</td>
<td>2.14b</td>
<td>• Max time out of the water: 15 seconds</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Max starvation time: 48h.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Cleaner fish segregation.</td>
</tr>
<tr>
<td>Slaughter</td>
<td>2.14c</td>
<td>• Same timing as salmon.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Welfare officer.</td>
</tr>
<tr>
<td>Reuse</td>
<td>None</td>
<td>• Only one reuse allowed.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Risk assess reuse (including health assessment).</td>
</tr>
<tr>
<td></td>
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<td>• Segregation at salmon site.</td>
</tr>
</tbody>
</table>
Stakeholder consultation: Objectives

Cleaner Fish Health and Welfare

September – October 2023

- To receive stakeholder feedback on proposed content rather than format.
- All feedback is welcomed, but specific focus on producers, retailers, NGOs, CABs, primary processors, and academia.
- Outreach mechanisms:
  - Online survey
  - Workshops
  - 1:1 conversations
Consultation Questions
General questions

CF 1. Do you think ASC should allow the use of wild caught cleaner fish?

- Yes
- No

CF 2. Do you agree with the following: Access to feed should be available to cleaner fish daily and not withdrawn with the purpose of sea lice control?

- Yes
- No
CF 3. Do you agree with the following: the salmon site shall segregate cleaner fish in advance of any salmonid handling that requires removal of fish from the pens and for which the cleaner fish do not have a treatment need.
   o Yes
   o No

CF 9. Do you think ASC should allow cleaner fish reuse?
   o Yes
   o No

CF 10. Should ASC allow more than single reuse of cleaner fish?
   o Yes
   o No
Specific question

CF 4. Indicator 2.14a.16 f) to j) - Do you think it is realistic to develop and implement these monitoring programmes using the operational welfare indicators (OWI’s) for cleaner fish?

- Yes
- No
Data collection

Traffic light system

Data utilisation

**Short term:**
Increase monitoring
Corrective/mitigation measures

**Long term:**
Improvement measures

**OWI monitoring**

- Parameters
- Frequency
CF 8. Do you consider that the timeline given to implement cleaner fish slaughter requirements is sufficient?

- Yes
- No

<table>
<thead>
<tr>
<th>Permitted methods of stunning</th>
<th>Species</th>
<th>Salmon</th>
<th>Trout (FW &amp; SW)</th>
<th>Seabass, seabream, meagre</th>
<th>Pangasius</th>
<th>Tilapia</th>
<th>Seriola</th>
<th>Cobia</th>
<th>Flatfish</th>
<th>Marine Tropical</th>
</tr>
</thead>
<tbody>
<tr>
<td>Percussion</td>
<td></td>
<td>✓</td>
<td>✓</td>
<td></td>
<td></td>
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<td></td>
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<tr>
<td>Electrical</td>
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<td>✓</td>
<td>✓</td>
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<tr>
<td>Transition period</td>
<td>Immediate</td>
<td></td>
<td>1 year</td>
<td>3 years</td>
<td>3 years</td>
<td>3 years</td>
<td>3 years</td>
<td>3 years</td>
<td>3 years</td>
<td>3 years</td>
</tr>
</tbody>
</table>
You want to get involved?

Email: consultation@asc-aqua.org or Meritxell.Diez-Padrisa@asc-aqua.org

Proposal (link)  Online survey (link)  1:1 conversations

Public workshops [dates and link]  FAQ [link]
Thank you

Setting The Standard for Seafood

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