



Serial No. N5967

NAFO/FC Doc. 11/32  
**(ADOPTED)**

33<sup>rd</sup> ANNUAL MEETING – SEPTEMBER 2011

**Proposed Revisions to NAFO’s Conservation and Enforcement Measures**  
***Final Product of the Editorial Drafting Group (EDG)***

The EDG has completed the first phase, and most significant portion, of its work in making editorial revisions to the NAFO Conservation and Enforcement Measures (CEM). The attached documents reflect 2 years of work on behalf of the EDG, which is made up of individuals from Canada, the European Union and the United States. These documents incorporate input received by STACTIC and also comments received from Contracting Parties during a 30-day comment period that ended on July 20, 2011. Comments raised by Contracting Parties that require further input or clarification from STACTIC or that the EDG felt should be presented separately, are provided in a separate working paper (see STACTIC Working Paper 11/22). Additionally, the EDG has prepared a working paper that highlights certain articles where the Scientific Council (via letter to the EDG) recommended removing reference to them in the CEM. The purpose of that working paper is to ensure transparency with the removal of these references to the Scientific Council in the CEM, and to ensure that these directives to the Scientific Council live on elsewhere.

Proposed Revisions to CEM (Attachments A-C)

The proposed revisions to the CEM are presented in the left column of the attached Master Document (Attachment A), and are generally organized based on the current chapter and article structure. Cross-references to the corresponding article and paragraph, based on the 2011 CEM, have been placed in the right column for ease of reference, since some articles have undergone substantial reorganization. The majority of the recommended changes have been done to eliminate out of date text, reduce redundancy, and improve clarity. In keeping with the structure of the Port State Control provisions in Chapter V of the current CEM, the duties of the contracting parties, master and Executive Secretary have been set out separately. To ensure transparency, observations concerning the proposed changes have been placed in the right column where the EDG felt it necessary, particularly where articles have been merged. The EDG has also indicated where work on particular articles has yet to be completed. Please note that all cross-references in this document reflect the location of the corresponding paragraph within, versus the corresponding reference in the current CEM, with the exception of references to the Annexes, which are unchanged.

A “Table of Concordance” has been prepared and provided by the EDG (Attachment B) as a resource to Contracting Parties. This table relates the current article presented in the Master Document with the corresponding original article in the 2011 CEM.

The EDG has also prepared a “Table of Transfers” (Attachment C) that lists the original article in the left column (Former) and the new reference (Article and paragraph) in the right column (New).

#### Proposed Restructuring of CEM (Attachment D)

The EDG is proposing that the CEM be reorganized in a manner that groups all the articles associated with conservation and management separately from those articles containing mostly control measures. This document presents the existing 2011 CEM structure in the left column, the details on the proposed reorganization in the middle column (article by article regrouping), and the new proposed structure in the right column.

#### Proposed Revisions to Annexes (Attachment E)

During the process of making editorial revisions to the CEM, the EDG noticed that certain revisions to the Annexes were necessary to coincide with the proposed changes to the CEM, reduce redundancy, or improve their utility. The proposed changes are as follows:

- Annexes IV and V are revised so that they apply to all vessels, including research vessels, to be consistent with the proposed revisions to Article 20. Additionally, a new vessel code for temporary research vessel has been added to Annex V since it was determined that such a code necessary.
- Annex VII is removed since this the list of required vessel documents has been incorporated with the proposed revision to Article 21.
- Annex VIII is updated to include the start and end coordinates for trial tows per proposed addition to Article 12.
- Annex X is revised to include the “sequence of messages” table from Article 27.
- Annex XII is updated to reflect the current needs of NAFO inspectors.
- Annex XV (Topside Chafers) is merged with Annex XXI (Shrimp toggle chains) to consolidate all gear modification restrictions are under one Annex.
- Annex XVII is updated to provide instructions on the use of the NAFO pennant.
- Annex XVIII is corrected to state “NAFO Inspection Seal” where it previously stated “Lob Tag.”
- Titles are added to Annex XX (a) and (b) to reflect the titles in the Table of Contents for the CEM.
- The product form codes under Annex XX(c) are removed from that annex, given a title, and moved to a new separate annex, the now vacant Annex XXI (formerly “Shrimp Toggle Chains”).

#### Proposed Annex Restructuring (Attachment F)

The EDG is recommending that the Annexes to the CEM be reorganized to improve their usage, particularly by inspectors. The proposed reorganization would group the Annexes based upon those related to fisheries management, reporting, gear requirements, and inspection.

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--	Draft text	Provenance/Observations
1	<b>Article - Definitions</b>	Switch between former Art 1 and 2  Definitions placed in alphabetical order as per conventional format
1	“Bottom fishing activities” means fishing activity involving gear that contacts or is likely to contact the ocean bottom during the normal course of fishing operations;	2.11 + 1bis.2
2	“CEM” refers to these Conservation and Enforcement Measures;	New
3	“Convention” means the 1979 <i>Convention on Future Multilateral Cooperation in the Northwest Atlantic Fisheries</i> , as amended from time to time;	Added definition for “Convention” to avoid need to reference “NAFO Convention” throughout CEM
4	“FMC” means a land-based fisheries monitoring centre of the flag State Contracting Party;	Added definition of “FMC” used under Article 26 (and removed from that Article)
5	“Fishing activities” means fishing, fish processing operations, transshipment of fish or fish products, landings, or any other activity in preparation for or related to fishing in the Regulatory Area;	2.3 Added “landings”.
6	“Fishing day” means any calendar day or any fraction of a calendar day in which a fishing vessel is present in any Division in the Regulatory Area;	Added definition of “Fishing day”. Refers to article 5.3

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- (VMS day) and definition of “fishing activities”.
- 7 “Fishing trip” for a fishing vessel includes the time from its entry into until its departure from the Regulatory Area and continues until all catch on board from the Regulatory Area has been unloaded or transhipped; 2.5
- 8 “Fishing vessel” means any vessel equipped for or engaged in fishing activities, including fish processing, transhipment or any other activity in preparation for or related to fishing, including experimental or exploratory fishing; 2.1
- 9 “Inspector”, unless otherwise specified, means an inspector of the fishery control services of a Contracting Party assigned to the Joint Inspection and Surveillance Scheme; 2.4 “Unless otherwise specified” added to allow inspection under 2011 CEM 37.3 and 46.11 by an authorized port state or flag state inspector who may not be a NAFO Inspector.
- 10 "IUU fishing" means activities as defined in section 1.2 of the FAO *International Plan of Action to prevent, deter and eliminate illegal, unreported and unregulated fishing*; 2.7
- 11 "IUU List" means the list, established pursuant to **Article 25**; 2.8 EDG to check and update cross-references highlighted throughout
- 12 "Non-Contracting Party vessel" means a vessel entitled to fly the flag of a State that is not a Contracting Party or a vessel suspected to be without nationality; 2.6
- 2.8 Deleted definition of “provisional list” since

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- 13 "Processed fish" means any marine organism that has been physically altered since capture, including fish that has been filleted, gutted, packaged, canned, frozen, smoked, salted, cooked, pickled, dried or prepared for market in any other manner; defined under Article 56
- 14 "Research vessel" means a vessel permanently used for research or a vessel normally used for fishing activities or fisheries support activity that is for the time being used for fisheries research. Added definition for "processed fish" as requested by STACTIC
- 15 "Transshipment" means transfer, over the side, from one fishing vessel to another, of fisheries resources or products. 2.2 Reference to ES moved to "authorization to fish" in section "Vessel requirements"
- 2 **Article - Scope** 2.10
- 1 The CEM shall, unless otherwise provided, apply to all fishing vessels used or intended for use for the purposes of commercial fishing activities conducted on fisheries resources in the Regulatory Area. Switch between former Art 1 and 2
- 2 Unless otherwise provided, research vessels shall not be restricted by conservation and management measures pertaining to the taking of fish, in particular, concerning mesh size, size limits, closed areas and seasons. 1.1
- 3 **Article - Duties of the Contracting Parties** 1.2
- Every Contracting Party shall ensure that every fishing vessel entitled to fly its flag operating in the Regulatory Area complies with the relevant CEM and that the Master in 18.3 + new text clarifying

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command of such vessel performs the relevant duties set out in these CEM.

that CPs have duty to ensure vessel Master complies with CEM.

### 4 Article - Quotas

Agreed to construct a separate Section on Catch Limitations by merging Articles 3, 10 and 11. **Not yet completed, thus no changes to this section proposed at this time**

Same as 2011 CEM

### 5 Article - Quota Adjustments

Agreed to construct a separate Section on Catch Limitations by merging Articles 3, 10 and 11. **Not yet completed, thus no changes being recommended at this time**

Same as 2011 CEM

### 6 Article - Quota Transfer

Agreed to construct a separate Section on Catch Limitations by merging Articles 3, 10 and 11. **Not**

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**yet completed, thus no changes being recommended at this time**

Same as 2011 CEM

**7 Article – By-catch Requirements**

Work is ongoing on this Article. **This work is not yet completed, thus no changes being recommended at this time**

Same as 2011 CEM

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**8 Article - Cod in Divisions 2J3KL**

- |   |  |              |  |
|---|--|--------------|--|
| 1 | The Fisheries Commission shall obtain annually the decision of Canada on the limit it has established for catches by Canadian fishers. This limit shall be 95% of the TAC for this stock.  | 4.1          | Removed SC language, as recommended by SC (GFS/09-256) |
| 2 | The Fisheries Commission shall establish a catch limit in the Regulatory Area that shall apply to the other Contracting Parties. This limit shall be 5% of the TAC for this stock.   | 4.2          |  |
| 3 | The total of the catch limits set in accordance with paragraphs 1 and 2 shall constitute the TAC for 2J3KL cod.  | 4.3          |  |
| 4 | The distribution key that shall apply for the 5% figure when the fishery in the Regulatory Area is resumed shall be 65.4% for the EU and 34.6% for the other Contracting Parties.  | 4.4          |  |
| 5 | The measures in this article shall apply when a decision is taken to allow the resumption of fishing for cod in the Regulatory Area, and shall not serve as a precedent in future years for establishing catch limits or criteria for quota allocations of other stocks. | 4 + footnote |  |



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**9 Article - Shrimp in Divisions 3L and 3M**

Agreed to construct a separate Section on Shrimp by merging Articles 5 and 6, and importing 15.1, 15.2 and 15.3.

***Shrimp in Division 3M***

- 1 Each Contracting Party shall limit its shrimp fishing activities in Division 3M in accordance with Annex I B. For the purpose of this measure, Division 3M includes that portion of Division 3L enclosed by lines joining the points described below in figure 1: 5.1 + 6.1

<b>Point No.</b>	<b>Latitude</b>	<b>Longitude</b>
1	47°20'0	46°40'0
2	47°20'0	46°30'0
3	46°00'0	46°30'0
4	46°00'0	46°40'0

- 2 Subject to allocations set out in Annex I.B as amended from time to time, each Contracting Party that conducted a shrimp fishery in Division 3M in the period beginning 1 January 1993 and ending 31 August 1995 is permitted a minimum of 400 fishing days per year. A Contracting Party without such track record may authorize only one vessel to fish shrimp in Division 3M for a maximum of 100 fishing days per year. 5.2
- 3 Each Contracting Party shall closely monitor its vessels fishing shrimp in Division 3M and shall close its fishery when the number of fishing days available to it has been exhausted. The number of fishing days in respect of each vessel shall be determined using the vessel monitoring system (hereinafter “VMS”) reports. 5.3

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- 4 A vessel fishing for shrimp and other species on the same trip shall transmit a report to the Executive Secretary signalling the change of fishery. The number of fishing days shall be calculated accordingly. 5.3
- 5 Fishing days referred to in this Article are not transferable between Contracting Parties. Fishing days of one Contracting Party may be utilized by a vessel flying the flag of another Contracting Party only in accordance with **Article 18**. 5.4
- 6 No vessel shall fish for shrimp in Division 3M between 00:01 UTC on 1 June and 24:00 UTC on 31 December in the following area as depicted in figure 1; 15.1 Times changed to UTC and reworded as vessel prohibition

Point	No.	Lat	Long
1	(same as no.7)	47°55'0	45°00'0
2		47°30'0	44°15'0
3		46°55'0	44°15'0
4		46°35'0	44°30'0
5		46°35'0	45°40'0
6		47°30'0	45°40'0
7	(same as no. 1)	47°55'0	45°00'0

15.3  
Suggest adding 200 m contour closure to exiting figure

**Insert figure**

Figure 1: Geographic coordinates of areas 3L and 3M, including 3M closure area.

Modify title of figure to improve flow

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***Shrimp in Division 3L***

- |           |  |      |   |
|-----------|--|------|---|
| 7         | No vessel shall fish for shrimp in Division 3L at a depth less than 200 meters in an area east of a line bound by the following co-ordinates: 46°00'N/47°53'W; 46°40'N/47°20'W; 47°19'N/47°43'W.   | 15.2 | Reworded as vessel prohibition  |
| 8         | The quota allocated to Canada in Division 3L shall be fished within the Canadian zone. The remaining quota shall be allocated within the Regulatory Area between all other Contracting Parties.  | 6.2  |   |
|           |  |      | Moved 6.3 to the new Section on "Research vessels"                    |
| 9         | Each vessel that has fished for shrimp in Division 3L, or its representative on its behalf, shall provide to the competent port authority at least 24 hours prior notice of its estimated time of arrival and the estimated quantities on board of shrimp by Division. | 6.4  | Added "prior". Former c) imported through addition of "by Division"   |
| <b>10</b> | <b>Article - Greenland halibut in Subarea 2 and Divisions 3KL MNO</b>  |      | Agreed to draft a separate Section on GHF by merging Articles 7 and 8 |

***Rebuilding program***

- |   |  |     |  |
|---|--|-----|--|
| 1 | The Contracting Parties shall implement a fifteen-year rebuilding programme for the Greenland halibut stock in Subarea 2 and Divisions 3KLMNO.   | 7.1 |  |
| 2 | The objective of this programme is an exploitable biomass of 5 + year classes of 140,000 tonnes on average, allowing a stable yield over the long term in the Greenland halibut fishery. | 7.2 |  |

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- |   |   |     |  |
|---|---|-----|--|
| 3 | The total allowable catch shall be established taking into account the progress made in the rebuilding of the stock.  | 7.3 | Removed first part of paragraph since obsolete   |
|   |   | 7.4 | Moved to duties of ES  |
|   |   | 7.5 | Removed SC reference at their request and reference to 2008. Text obsolete and to be replaced by new wording. Recommend new wording be added as footnote to Annex 1 A. |
|   |   |     | Deleted 7.7 since covered by Article 18.4  |
|   |   | 7.8 | Moved to duties of ES  |
| 4 | The Contracting Parties shall prohibit landings of Greenland halibut from non-Contracting Party vessels that have engaged in fishing activities in the Regulatory Area. | 7.9 |  |
|   |   |     | Deleted 7.10 since addressed under Articles 3 and 27 (Redundant)   |

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### ***Control measures***

- |   |  |  |
|---|--|--|
| 5 | The following measures apply to vessels 24 meters or greater in overall length engaged in the Greenland halibut fishery in Subarea 2 and Divisions 3KLMNO:   | 7.6 “overall” is new and needs STACTIC approval as the meaning.  |
| a | (a) Each Contracting Party shall issue a specific authorization to each vessel it authorizes to fish for Greenland halibut (‘authorized vessel’) and shall transmit the name of every authorized vessel to the Executive Secretary before the vessel may begin fishing for Greenland halibut in the Regulatory Area;                               | 7.6 a<br>New – for clarity   |
| b | (b) Each Contracting Party shall allocate its quota for Greenland halibut among its authorized vessels.  | 7.6 b  |
| c | (c) An authorized vessel shall land its Greenland halibut catch only in a designated port. To this end, each Contracting Party shall designate one or more ports in its territory where authorized vessels may land Greenland halibut.   | 7.6 c  |
| d | (d) Each Contracting Party shall transmit to the Executive Secretary the name of every port it has so designated and advise the Executive Secretary at least 15 days before any change of designation becomes effective.   | 7.6 c Last sentence of paragraph moved to duties of ES   |
| e | (e) At least 48 hours before its estimated time of arrival in port, an authorized vessel or its representative on its behalf, shall advise the competent port authority of its estimated time of arrival, the estimated quantity of Greenland halibut retained onboard, and information on the division or divisions where the catches were taken. | 7.6 c) iii) - Changed zone to division as NAFO recognizes Subareas, Divisions and Subdivisions, not zones. |

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- |   |  |
|---|--|
|   | Deleted 7.6d since obsolete because of 2010 revision to Article 27 requiring daily catch reporting for all species         |
| f (f) Each Contracting shall inspect each landing of Greenland halibut in its ports and prepare an inspection report in the format prescribed in <b>Annex XIII</b> , which it shall transmit to the Executive Secretary within 14 working days from the date on which the inspection was completed.   | 7.6 c Model of inspection report specified for clarity<br><br>Last sentence of paragraph moved to Duties of ES             |
| 6 The following procedures apply with respect to authorized vessels with more than 50 tonnes live weight total catch on board taken outside the Regulatory Area entering the Regulatory Area to fish for Greenland halibut:   | 8.1 Added "live weight" and "taken outside the Regulatory Area" since apparent intent, for clarity, and to avoid confusion |
| a (a) the master shall notify the Executive Secretary by e-mail or fax, at least 72 hours prior to the vessel's entry into the Regulatory Area, of the amount of catch on board, the position by latitude and longitude where the master intends to commence fishing, the estimated time of arrival at the position, and contact information for the fishing vessel (e.g., radio, satellite phone or email).  | 8.2a Added requirement that vessel must provide the ES with contact information  |
| b (b) An inspection vessel that intends to inspect a fishing vessel before it begins fishing for Greenland halibut shall notify that fishing vessel and the Executive Secretary of the coordinates of a designated inspection point that is no more than 60 nautical miles from the position where the master estimates that the vessel will commence fishing and shall inform other inspection vessels that may be operating in the Regulatory Area accordingly; | 8.2 b First sentence moved to Duties of ES   |
| c (c) A fishing vessel notified pursuant to paragraph (b) shall proceed to the designated   | New paragraph for clarity  |

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inspection point;

8.2 c moved to Duties of ES

d (d) Until inspected pursuant to this Article, a fishing vessel may not begin fishing unless

(i) it receives no notification within 72 hours of the notification it has transmitted pursuant to **subparagraph 6(a)**, or

8.2 d Added "72 hours" language for clarity

(ii) within 3 hours of its arrival at the designated inspection point, the inspection vessel has not begun the intended inspection.

***Duties of the Executive Secretary***

7 The Executive Secretary:

a (a) places on the agenda of the Scientific Council the issue of monitoring and reviewing the progress of the program and providing an annual assessment thereof to the Fisheries Commission.

7.4

b (b) places on the agenda of the Fisheries Commission in the context of reviewing the implementation of this rebuilding plan, the issue of deciding on additional measures to ensure the effective attainment of its objective.

7.8

c (c) on the basis of the information provided by the Contracting Parties, establishes and maintains a list of designated ports for the purpose of this Article and transmits it as well as any subsequent changes to all Contracting Parties;

7.6 c

d (d) transmits any port inspection report received pursuant to **subparagraph 5(f)** to any

7.6 c

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Contracting Party that requests it; and

- e (e) transmits the information received pursuant to **subparagraph 6(b)** to all inspection vessels in the Regulatory Area. 8.2 b
- 8 Where within 24 hours of the notification transmitted pursuant to **subparagraph 6(b)**, the Executive Secretary does not receive a notification from an inspection vessel, the Executive Secretary immediately advises the fishing vessel that it may begin fishing and notifies inspection vessels and the flag-State FMC accordingly 8.2 c

**11 Article - 3NO Cod Conservation Plan and Rebuilding Strategy**

- 1 Contracting Parties shall implement a Conservation Plan and Rebuilding Strategy for cod in Divisions 3NO guided by the following considerations: 9.1
  - a (a) avoidance of serious harm to reproductive potential of stocks such as that arising from a continuously low or unproductive Spawning Stock Biomass; 9.1
  - b (b) sustained growth in total biomass/Spawning Stock Biomass over an extended period; 9.1
  - c (c) improvement in recruitment from the current low levels in this stock; and 9.1
  - d (d) the health of individuals in the population as measured in accordance with their condition and growth. 9.1
- 2 This strategy is aimed at attaining a sustained level of Spawning Stock Biomass or a recovery milestone greater than 60,000t ( $B_{LIM}$ ), consistent with the NAFO Precautionary Approach Framework. 9.2
- 3 Contracting Parties shall seek to achieve a targeted reduction of 40% from the average 9.3 Deleted reference to



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- |  |   |
|--|---|
| <p>annual catch level for the years 2004-2006 or, through best efforts, specifically to keep by-catch of 3NO cod at the lowest possible level.</p>   | <p>2008 and subsequent years as felt unnecessary</p>                                      |
| <p>4 In the event the targeted reduction is not achieved in any year, the Fisheries Commission and Contracting Parties will consider additional measures for subsequent years.</p>   | <p>9.4</p>  |
| <p>5 Considering the importance of capelin as a food source for cod, consistent with the ecosystem approach, the moratorium on 3NO capelin will continue until at least December 31, 2012.</p>   | <p>9.5</p>  |
| <p>6 No directed fishery will occur if the Spawning Stock Biomass remains below the recovery milestone (<math>B_{LIM}</math>) of 60,000t. Before Spawning Stock Biomass increases above this level, the Fisheries Commission should develop a strategy, following the Precautionary Approach, to ensure Spawning Stock Biomass remains above it.</p> | <p>9.9</p>  |
| <p><b>12 Article - Gear Requirements</b></p>   | <p>Agreed to construct a Section on "Gear requirements" by merging Articles 13 and 22</p> |
| <p><b><i>Mesh sizes</i></b></p>  |   |
| <p>1 For the purpose of this Article, mesh-size is measured in accordance with <b>Annex XIV</b>.</p>   | <p>13.2</p>   |

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- |                                  |  |  |
|----------------------------------|--|--|
| 2                                | No vessel shall fish with a net having a mesh sizes smaller than prescribed for each of the following species:<br><br>a) 40 mm for shrimps and prawns(PRA);<br>b) 60 mm for short finned squid(SQI);<br>c) 280 mm in the codend and 220 mm in all other parts of the trawl for skate(SKA);<br>d) 130 mm for groundfish;<br>e) 100 mm for pelagic <i>Sebastes mentella</i> (REB) in Subarea 2 and Divisions 1F and 3K; and<br>f) 90 mm for redfish(RED) in the fishery using mid-water trawls in Division 3O. | 13.1 Reworded to read as prohibition versus a permission |
| 3                                | A vessel conducting a fishery for a species referred to in paragraph 2 that has on board nets having a mesh size smaller than that specified in that paragraph, shall ensure such nets are securely lashed and stowed and are not available for immediate use during that fishery.   | 13.4   |
| 4                                | A vessel conducting a directed fishery for species other than those identified in paragraph 2 is, however, permitted to take regulated species with nets having a mesh size less than specified in paragraph 2, provided that the by-catch requirements in Article 7, paragraph 2 a) are complied with.  | 13.3   |
| <b><i>Use of Attachments</i></b> |  |  |
| 5                                | Strengthening ropes, splitting straps and codend floats may be used on trawls, as long as these attachments do not in any way restrict the authorized mesh or obstruct the mesh opening.   | 13.5 Reworded to read as a prohibition                   |
| 6                                | No vessel shall use any means or device that obstructs or diminishes the size of the meshes. However, vessels may attach devices described in Annex XV to the upper side of the codend in a manner that does not obstruct the meshes of the codend including any lengthener(s). Canvas, netting or other material may be attached to the underside of the  | 13.6 Reworded to read as a prohibition                   |

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codend of a net only to the extent required to prevent or minimize damage to the codend.  
 7 Vessels fishing for shrimp in Divisions 3L or 3M shall use sorting grids or grates with a maximum bar spacing of 22 mm. Vessels fishing for shrimp in Division 3L shall also be equipped with toggle chains with a minimum length of 72 cm as measured in accordance with **Annex XXI**. 13.7

***Marking of Gear***

- 8 No fishing vessel shall 22.1 + 22.2  
 Reworded as a vessel prohibition
- a (a) use gear that is not marked in accordance with generally accepted international standards, in particular, the *Convention on Conduct of Fishing Operations in the North Atlantic*; or 22.1 + 22.2
- b (b) deploy any marker buoy or similar object floating on the surface and intended to indicate the location of fixed fishing gear without displaying the vessel’s registration number. 22.1 + 22.2

**13 Article - Minimum Fish Size Requirements**

- 1 No vessel shall retain on board any fish smaller than the minimum size established pursuant to **Annex III**, which it shall immediately return to the sea. 14.1 + 14.2
- 2 Processed fish which is below a length equivalent prescribed for that species in **Annex III** is considered to derive from fish that is smaller than the minimum fish size prescribed for that species. 14.1 + 14.2

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- 3 Notwithstanding paragraphs 1 and 2, Canadian vessels shall abide by their equivalent national regulations which require landing of all catch. 14.3
  
- 4 Where the number of undersized fish in a single haul exceeds 10% of the total by number of fish in that haul, the vessel shall for its next tow maintain a minimum distance of 5 nautical miles from any position of the previous tow. New paragraph - Moved last sentence of paragraph 1 to a new paragraph 4 to be clear that “notwithstanding” portion of paragraph 3 only refers to the retention of fish on board, not the requirement to move
  
- 14 Article - Area and Time Restrictions** Agreed to construct a section on "Area and Time restrictions" by merging Articles 15 and 16  
  
Agreed to move 15.1, 15.2 and 15.3 to a consolidated section on "Shrimp"
  
- Squid Closure***
  
- 1 No vessel may fish for squid between 0001 UTC on 1 January to 2400 UTC on 30 June in Sub-areas 3 and 4. 15.4 Reworded as vessel prohibition
  
- Area Closures***
  
- 2 Until December 31, 2014, no vessel shall engage in bottom fishing activities in the areas 15.5 Reworded as a

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defined by connecting the following coordinates (in numerical order and back to coordinate 1).

**Insert existing table**

- 3 A fishing vessel may fish in any area defined in **paragraph 2** only if it does so in accordance with the exploratory fishery protocol described in **Annex XXV, Part IV**, and shall have a scientific observer onboard.
- 4 If vessels fishing in the area defined in **paragraph 2** encounter hard corals, notification of the location of the coral is to be provided to the Executive Secretary.

vessel prohibition  
Deleted last paragraph of 15.5 since this paragraph belongs in the minutes of the Fisheries Commission, not here

Deleted 15.6 and 15.7 since obsolete

15.8 Deleted reference to SC as recommended (GFS/09-256)

15.9 Reworded as a prohibition.

Last part of 15.9 moved to "Duties of the Executive Secretary"

Deleted 15.10 as suggested by SC (GFS/09-256)

***Coral and Sponge Protection Zone***

- 5 Until December 31, 2012, no vessel shall engage in bottom fishing activities in the area of Division 3O defined by connecting the following coordinates (as illustrated in figure 2).

16.1 Reworded as vessel prohibition

**Insert existing table**

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**Insert existing figure**

Figure 2. Polygon Delineating Area of 3O Coral Closure.

Deleted 16.2 as suggested by SC (GFS/09-256)

- 6 Until December 31, 2011, no vessel shall engage in bottom fishing activities in the areas defined by connecting the following coordinates (as illustrated in figure 3).

16.3 Reworded to remove start date of Jan 1, 2010 and made prohibition, removed reference to SC as requested by SC (GFS/09-256)

**Insert existing table**

**Insert existing figure**

Figure 3. Polygons Delineating Areas of Higher Sponge and Coral Concentrations.

16.4 Moved to duties of ES

- 7 Contracting Parties shall establish coral and sponge monitoring programs and incorporate them into government or industry research programs.

16.5

***Duties of the Executive Secretary***

- 8 When notified of the location of a coral area pursuant to paragraph 4, the Executive Secretary implements an immediate temporary closure of that area to all Contracting Parties pending a Fisheries Commission decision at the next Annual Meeting. The Executive Secretary places on the agenda of the Fisheries Commission the issue of whether or not to close the area for a longer period or establish additional management measures.

15.9 + 16.4

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**15 Article – Conservation and Management of Sharks**

- |   |  |   |
|---|--|---|
| 1 | Contracting Parties shall report all catches of sharks, including available historical data, in accordance with the data reporting procedures set out in <b>Article 20</b> .   | 17.1  |
| 2 | Up to the point of offloading, no fishing vessel shall discard any part of shark retained on board except the head, guts or skin.  | 17.2 Reworded as prohibition  |
| 3 | Contracting Parties shall require their vessels not to have onboard shark fins that total more than 5% of the weight of sharks onboard, up to the point of first landing. Contracting Parties that currently do not require fins and carcasses to be offloaded together at the point of first landing shall take the necessary measures to ensure compliance with the 5% fin-to-body weight ratio through certification, monitoring by an observer, or other appropriate measures. | 17.3  |
|   |  | Deleted 17.4 since obsolete, and as suggested by SC (GFS/09-256)                                    |
| 4 | No fishing vessel shall retain on board, tranship or land any fins harvested in contravention of these provisions.   | 17.5 Reworded as prohibition  |
| 5 | In fisheries that are not directed at sharks, each Contracting Party shall encourage every vessel entitled to fly its flag to release live sharks, especially juveniles that are not intended for use as food or subsistence.  | 17.6 Deleted “to the extent possible”   |
| 6 | Contracting Parties shall, where possible, undertake research to identify ways to make fishing gear more selective for the protection of sharks.   | 17.7 Added additional text to clarify that purpose of this research is for the protection of sharks |
| 7 | Contracting Parties shall when possible conduct research to identify shark nursery areas.  | 17.8  |

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**16 CHAPTER I bis**

1bis.2 Deleted definition of “bottom fishing activities” since listed under definitions.

**17 Article - Vessel Requirements**

Agreed to draft a separate Section on “Vessel Requirements” by merging Articles 18, 20, and 21

***Authorization to fish and notification***

1 No Contracting Party shall:

a (a) permit a vessel entitled to fly its flag to conduct fishing activities in the Regulatory Area unless it has authorized it to do so; or

18.2 Removed reference to Article 1 and replaced with “in the Regulatory Area”

b (b) authorize a fishing vessel entitled to fly its flag to conduct fishing activities in the Regulatory Area unless it is able to exercise effectively its flag state duties in respect of such vessel.

18.1 Removed reference to Article 1 and replaced with “in the Regulatory Area”

2 Each Contracting Party shall manage the number of authorized fishing vessels and their fishing effort in a manner that takes due account of the fishing opportunities available to that Contracting Party in the Regulatory Area.

18.4



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- |   |  |   |
|---|--|---|
| 3 | Each Contracting Party shall transmit to the Executive Secretary, electronically in the format prescribed in <b>Section A of Annex IV</b> , a list of the vessels which it has authorized to operate in the Regulatory Area and any amendments thereto from time to time no later than 30 days following any change to the list. | 18.5 Moved to vessel documents section  |
|   |  | 20.1 + 20.6<br>First sentence moved to Duties of ES<br>Removed 50 gross tons requirement<br>Added 30 day timeframe for amendments |
|   |  | Delete 20.2 and included in paragraph 9 that chartered vessels should be listed in registry maintained by the ES                  |
|   |  | Moved 20.3 + 20.4 + 20.5 to the new Article on "Research vessels"   |
| 4 | No fishing vessel shall conduct fishing activities in the Regulatory Area unless it is on a list referred to in <b>paragraph 3</b> .   | 20.1 Reworded as prohibition  |

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### *Vessel markings*

- 5 Every fishing vessel shall bear markings that are readily identified in accordance with internationally accepted standards, such as the FAO Standard Specifications for the Marking and Identification of Fishing Vessels. 21.1

### *Vessel documents*

- 6 No fishing vessel shall operate in the Regulatory Area without carrying on board current valid documents issued by the competent authority of the flag state at a minimum establishing the following particulars concerning the vessel: 21. 2 + Imported Annex VII
- i. its name, if any;
  - ii. the letter(s) of the port or district in which it is registered, if any;
  - iii. the number(s) under which it is registered;
  - iv. its international radio call sign, if any;
  - v. the names and addresses of the owner(s) and, where applicable, the charterers;
  - vi. its length overall;
  - vii. its engine power; and,
  - viii. the correctness of its plans for fish rooms and other fish storage places, by way of a certificate that is renewed at least every two years. New - Related to 18.5 Changed “no less often than biennially” to at least every two years.
- 7 No fishing vessel that freezes or salts fish shall operate in the Regulatory Area without carrying on board accurate up-to-date drawings or descriptions of its fish rooms, including their storage capacity in cubic meters, certified by a competent authority of or recognized by its flag State. 21.3 + 21.4 Deletion of length reference More clarification on certifying authority

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- 8 Each Contracting Party shall ensure that, every two years, each of its authorized vessels is certified for the correctness of the vessel's plans for fish rooms and other fish storage places. 18.5

Moved 20.3, 20.4 and 20.5 to the new separate section on research vessels

***Duties of the Executive Secretary***

- 9 The Executive Secretary maintains a register of all fishing vessels, including chartered vessels, authorized to fish in the Regulatory Area and amends it following notification by a Contracting Party of any modification to its list. 20.1 + 20.2

- 10 Subject to appropriate confidentiality requirements, the Executive Secretary: 20.7

- a (a) posts the register referred to in **paragraph 7**, on a secure portion of the NAFO website in a format available to each Contracting Party; 20.7

- b (b) deletes from the register any vessel that has not operated in the Regulatory Area for a period of two consecutive years. 20.7 original wording

**18 Article - Chartering Arrangements**

- 1 For the purpose of this Article “chartering Contracting Party” refers to the Contracting Party that holds an allocation as indicated in **Annex I**, and “flag state Contracting Party” refers to the Contracting Party in which the chartered vessel is registered. 19.3

- 2 A Contracting Party may authorize all or part of its allocations to be harvested using a 19.1

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chartered authorized vessel entitled to fly the flag of another Contracting Party, subject to the following conditions:

- a (a) the flag State Contracting Party has consented in writing to the chartering arrangement; 19.8
- b (b) the charter is limited to one fishing vessel per flag state of the chartering Contracting Party in any calendar year; 19.2
- c (c) the duration of the charter does not exceed six months in any calendar year; and 19.2
- d (d) the authorized vessel is not a vessel that has previously been identified as having engaged in IUU fishing activities. 19.4
- 3 Without prejudice to the duties of the chartering Contracting Party, the flag State Contracting Party shall ensure that the vessel complies with the CEM. This does not nullify the obligations under the CEM of the chartering Contracting Party to which the quota and fishing days have been allocated originally. 19.5
- 4 All catch and by-catch taken by the chartered vessel according to the chartering arrangement shall be attributed to the chartering Contracting Party. 19.11 Changed to clarify that this is how catch and by-catch are attributed
- 5 The flag State Contracting Party shall not, for the duration of the charter, authorize the chartered vessel to fish any of the flag State Contracting Party’s allocations or under another charter at the same time. 19.6
- 6 No transshipment at sea may be carried out without the prior authorization of the chartering Contracting Party, which shall ensure that it is carried out under the supervision of an observer on board. 19.6

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- 7 The chartering Contracting Party shall, before the date the charter is effective, provide the following information in writing to the Executive Secretary: 19.7
- a) the name, registration, and flag State of the vessel;
  - b) previous name(s) and flag state(s) of the vessel, if any;
  - c) the name and address of the owner(s) and operators of the vessel;
  - d) a copy of the chartering arrangement and any fishing authorization or license it has issued to the vessel;
  - e) the allocation assigned to the vessel and the date that the vessel may start to fish that allocation; and
  - f) the duration of the chartering arrangement.
- 8 The flag State Contracting party shall notify the Executive Secretary in writing prior to the start of the chartering arrangement of its consent to the charter and provide to the chartered vessel a copy of the notice sent by the Executive Secretary pursuant to paragraph 14. 19.8 Inserted text that was removed from paragraph 19.1 to avoid repetition

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- 9 The chartering Contracting Party and the flag State Contracting Party shall both notify the Executive Secretary immediately upon the occurrence of the following events: 19.10
- (a) termination of the charter;
  - (b) suspension of the charter;
  - (c) resumption of a charter that has been suspended;
  - (d) start of fishing operations under the charter; and
  - (e) end of fishing operations under the charter.
- 10 The flag State Contracting party shall maintain a separate record of catch and by-catch data from fishing operations pursuant to every charter of a vessel entitled to fly its flag and report them to the chartering Contracting Party and the Executive Secretary. 19.11
- 11 Each chartering Contracting Party shall report to the Executive Secretary by 1 March each year, all relevant information concerning the implementation of chartering arrangements for the previous calendar year notified under this Article, including information on the catch, fishing effort and by-catch of each vessel it has chartered pursuant to this Article. 19.12 Reporting deadline changed to 1 March to align with the general compliance reporting date. Added reference to by-catch
- 12 The chartered vessel shall at all times carry a copy of the documentation referred to in paragraph 7. 19.9
- Duties of the Executive Secretary***
- 13 Upon receipt of the information specified in paragraphs 7 and 8, the Executive Secretary verifies whether the chartering arrangement complies with this Article, and without delay 19.9 Last sentence of this paragraph moved to

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- so notifies the Contracting Parties concerned indicating the date on which the chartering arrangement becomes effective. separate paragraph.
- 14 The Executive Secretary circulates without delay to all Contracting Parties the information notified pursuant to **paragraph 9** and ensures that the catch and by-catch notified pursuant to **paragraph 11** is attributed to the chartering Contracting Party. 19.9 +19.11 Added to reflect current practice of ES notification to CP
- 15 By 15 August each year, the Executive Secretary submits a report to the Fisheries Commission detailing the chartering arrangements for the preceding calendar year to ensure that the Fisheries Commission has an opportunity to review compliance with the provisions of this Article at each Annual Meeting. 19.13
- 19 Article - Product Labelling Requirements**
- 1 When processed, all fish harvested in the Regulatory Area shall be labelled in such a way that each species and product category and, in the case of shrimps, the date of capture, is identifiable using respectively the 3-Alpha Code in **Annex II** and the product form code in **Annex XX(c)**. It shall also be clearly marked as having been caught in the Regulatory Area. 23
- 2 Furthermore, all shrimps harvested in Divisions 3L and 3M and all Greenland halibut harvested in Subarea 2 and Divisions 3KLMNO shall be marked in accordance with the stock area. 23
- 3 Labels shall be securely affixed, stamped or written on packaging and be of a size that can be clearly read by inspectors in the normal course of their duties. Labels shall be clearly marked in ink on a contrasting background. Each package shall not contain more than one product category. In the case of shrimps harvested in Divisions 3L and 3M and Greenland halibut harvested in Subarea 2 and Divisions 3KLMNO, each package shall only contain one stock area. In the case of shrimps, each package shall only contain one

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date of capture.

**20 Article - Monitoring of Catch and Fishing Effort**

Agreed to construct a separate Section on "Monitoring of catch and effort" by merging Articles 24, 25 and 27

***Recording of Catch and Stowage***

- 1 Each fishing vessel shall:
  - a (a) on entering the Regulatory Area, have on board a record in its fishing logbook of the amount of each species of fish on board; 24.1
  - b (b) accurately record catch daily and complete fishing logbook entries as specified in Annex VIII; 24.2
  - c (c) accurately record in the daily production logbook all product, labeled in accordance with Article 19; 24.2
  - d (d) ensure that the records referred to in subparagraphs (b) and (c)
    - (i) relate to the smallest geographical area for which a quota has been allocated;
    - (ii) show the disposition of the catch, including any discards, and
    - (iii) include any catch from the Regulatory Area offloaded or transhipped during the current fishing trip; and24.3 currently referencing fishing and production logbook records in the 2011 CEM.  
New Added reference to transshipment in (iii) for clarity



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(iv) are retained on board for at least twelve months;

- e (e) record its cumulative production by species in a production logbook which it shall update daily for the preceding day from 0001 hrs (UTC) until 2400 hrs (UTC); 24.4 Time altered to reflect UTC
- f (f) keep the production logbook on board until the vessel has been unloaded completely; 24.4
- g (g) with due regard for safety and navigational responsibilities of the master, stow all catch taken in the NAFO Regulatory Area separately from all catch taken outside the NAFO Regulatory Area and ensure that such separation is clearly demarcated using plastic, plywood or netting; 24.5 + 24.5 a
- h (h) maintain a stowage plan that shows the location and quantity of each species clearly showing separate locations and quantity of catches of the same species in the holds expressed as product weight in kilograms; 24.5 b + 24.6
- i (i) maintain a stowage plan for shrimp that specifies the location in the hold of shrimp taken in Division 3L and in Division 3M that includes the quantity of shrimp in kilograms, by Division; 24.6
- j (j) daily update the stowage plan for the preceding day from 0001 to 2400 hrs (UTC); 24.6
- k (l) keep the stowage plan on board until the vessel has been unloaded completely. 24.6

***Catch reporting***

- 2 Every fishing vessel shall transmit electronically to its FMC the following reports in 27.1 + 27.3

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accordance with the format and the content prescribed for each type of report in **Annex X**:

- |   |   |  |
|---|---|--|
| a | (a) catch on entry (COE): quantity of catch on board by species upon entry into the Regulatory Area, transmitted at least six (6) hours in advance of the vessel's entry;   | 27.1 a   |
| b | (b) catch on exit (COX): quantity of catch onboard by species upon exit from the Regulatory Area transmitted at least six (6) hours in advance of the vessel's exit;  | 27.1 b   |
| c | (c) catch report (CAT): quantity of catch of all species of the day preceding the report, by Division, including nil catch returns, sent daily before 12:00 hours UTC   | 27.1 c   |
| d | (d) catch on board (COB): for any vessel fishing shrimp in Division 3L, prior to entry or exit from Division 3L, transmitted one hour prior to crossing the boundary of Division 3L;  | 27.1 d   |
| e | (e) transshipment (TRA):<br>(i) by donor vessel, transmitted at least twenty four (24) hours in advance of the transshipment; and<br>(ii) by receiving vessel, no later than one (1) hour after the transshipment;            | 27.1 e   |
| f | (f) port of landing (POR): by a vessel that has received a transshipment at least twenty four (24) hours in advance of any landing;   | 27.1 e   |
| g | (g) catch of a species listed in <b>Annex II</b> for which the total live weight on board is less than one tonne, may be reported using the 3 alpha code MZZ (marine species not specified).                                  | 27.1 f   |
| 3 | Each Contracting Party shall ensure that its FMC, immediately upon receipt, transmits electronically the reports referred to in <b>paragraph 2</b> to the Executive Secretary in the format prescribed in <b>Annex XXII</b> . | 27.2 + 27.3<br><br><b>Moved table to Annex X</b> |

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### ***Catch and Fishing Effort Reporting by Contracting Parties***

- 4 With the exception of catch taken under the “Others” quota and 3L shrimp, each Contracting Party shall report its provisional monthly catches by species and stock area, and its provisional monthly fishing days for the 3M shrimp fishery, whether or not it has quota or effort allocations for the relevant stocks. It shall transmit these reports to the Executive Secretary within 30 days of the end of the calendar month in which the catch was taken. 25.1

Delete 25.3 + 25.4 since obsolete because of daily catch report in Article 27

### ***Duties of the Executive Secretary***

- 5 The Executive Secretary:
- a (a) assigns sequential numbers to the reports of each Contracting Party and transmits them to Contracting Parties with an inspection presence in the Regulatory Area as soon as possible; 27.2
  - b (b) without delay transmits each port of landing report (POR) to the flag State Contracting Party of the receiving vessel and, in conformity with Annex XIX, makes it available to all Contracting Parties on a secure part of the NAFO website; 27.2
  - c (c) upon request, confirms receipt of all electronic reports (RET); 27.2
  - d (d) no later than 10 days after the end of each calendar month, collates the information received pursuant to paragraph 3 and circulates it together with aggregate catch statistics by stock area to all Contracting Parties. 25.2

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### 21 Article - Vessel Monitoring System (VMS)

#### *VMS data and costs*

- 1 Every fishing vessel operating in the Regulatory Area shall be equipped with a satellite monitoring device capable of continuous reporting of position that automatically transmits to its land-based Fisheries Monitoring Centre (FMC), no less frequently than once an hour, the following VMS data: 26.1 a to e
  - i. vessel identification;
  - ii. most recent vessel position, by latitude and longitude, having an error tolerance margin no greater than 500 metres and a confidence interval of 99%;
  - iii. UTC date and time of the fixing of the position; and
  - iv. vessel course/heading and speed;
- 2 The flag State Contracting Party shall ensure that its FMC:
  - a (a) receives the transmissions referred to in paragraph 1 and records them using the following 3 letter codes: 26.1
    - i. "ENT", first VMS data report transmitted by each vessel upon entering the Regulatory Area;
    - ii. "POS", every subsequent VMS data report transmitted by each vessel from within the Regulatory Area; and
    - iii. "EXI", first VMS data report transmitted by each vessel upon exiting the Regulatory Area;
  - b (b) is equipped with computer hardware and software for automatic data processing and electronic data transmission and applies back-up and recovery procedures and records the data received from fishing vessels in computer readable form that it maintains for no 26.2

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less than three years.

- c (c) notifies the Executive Secretary of the name, address, telephone, telex, e-mail or facsimile numbers of its FMC and any subsequent changes without delay. 26.10
- 3 3. Each Contracting Party shall assume all costs associated with its own Vessel Monitoring System. 26.11

***Failure of a device***

- 4 Where an inspector observes a fishing vessel in the Regulatory area and has not received data in accordance with paragraph 1 and 8 the inspector shall inform the master of the vessel and the Executive Secretary. 26.9 This was left out of the June EDG draft master document so it is re-inserted here and in the Duties of the Executive Secretary in 10.f. Renumbering done also.
- 5 The flag State Contracting Party shall ensure that the master or the owner of a fishing vessel entitled to fly its flag or its representative is informed when the vessel's satellite monitoring device appears to be defective or non-functioning; 26.4
- 6 Where the satellite monitoring device fails, the master shall ensure it is repaired or replaced within one month following such failure, or, where a fishing trip lasts more than one month, the repair or the replacement is completed upon the vessel's next entry into port. 26.3 Reworded to clarify this is a master responsibility
- 7 No fishing vessel may commence a fishing trip with a defective satellite monitoring device. 26.3 Reworded as a prohibition

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- 8 Every fishing vessel operating with a defective satellite monitoring device, shall transmit, at least once every 6 hours, the VMS data to its flag State FMC by other available means of communication, in particular, satellite, email, radio, facsimile or telex. 26.5

***Transmission of VMS data***

- 9 The flag State Contracting Party shall ensure that:
  - (a) its FMC transmits VMS data reports and messages to the Executive Secretary as soon as possible, but no later than 24 hours after it receives them and may authorize fishing vessels entitled to fly its flag to transmit VMS data reports by satellite, email, radio, facsimile or telex, direct to the Executive Secretary; and 26.6
  - (b) the VMS data reports and messages transmitted to the Executive Secretary are in conformity with the data exchange format set out in Annex IX and further described in Annex XXII. 26.7

26.12 Deleted since obsolete

***Duties of the Executive Secretary***

- 10 The Executive Secretary:
  - a (a) upon request, confirms receipt of electronic reports using a return message coded “RET”; 26.1
  - b (b) makes available as soon as possible the VMS data and messages to all Contracting Parties with an inspection presence in the Regulatory Area; 26.8

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- c (c) treats all VMS data reports and messages in conformity with **Annex XIX**; 26.8
- d (d) as directed by the Fisheries Commission, makes VMS data available in a summary form to the Scientific Council; 26.8
- e (e) upon determining that a vessel has failed to transmit two consecutive position VMS data reports or messages as specified in **paragraph 1** , so notifies the FMC of the flag State Contracting Party without delay; and 26.6
- f (f) upon being informed by an inspector that data has not been received for a fishing vessel in the Regulatory Area in accordance with paragraph 1 and 8, immediately informs the flag state Contracting Party of the vessel. 26.9 second part of 4 above.
- g (g) upon request, provides the NAFO VMS data for Search and Rescue and maritime safety purposes as required. 26.13

***Use of VMS Data for Search and Rescue***

- 11 Any Contracting Party may use NAFO VMS data for search and rescue or for the purpose of maritime safety. 26.13

**22 Article - Observer Program**

Agreed to construct a Section on "Observers" by merging Articles 28 and 60 through 65

**A General provisions**

***Duty to Carry Observer***

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- |  |  |                     |
|--|--|---------------------|
| 1  | Subject to article 22. B. 8 every fishing vessel shall at all times in the Regulatory Area carry at least one independent and impartial observer.  | 28.1                |
| <b><i>Duties of the flag State Contracting Party</i></b> |  |                     |
| 2  | Every flag State Contracting Party shall provide to the Executive Secretary a list of the observers it intends to deploy to the vessels entitled to fly its flag operating in the Regulatory Area and shall ensure that the observers on board such vessels carry out only the following duties: | 28.1 + 28.3         |
| a  | (a) monitor compliance with the CEM, in particular verify logbook entries including the composition of catch by species, quantities, live and processed weight; and hail and VMS reports;  | 28.4a i + ii + iv   |
| b  | (b) maintain detailed records of the daily activity of the vessel whether fishing or not;  | 28.4.a) i)          |
| c  | (c) for each haul, record the gear type, mesh size, attachments, catch and effort data, coordinates, depth, time of gear on the bottom, catch composition, discards and retained undersized fish;  | 28.4a ii + iii + 4b |
| d  | (d) monitor the functioning of the satellite tracking system and report on any interruptions or interference therewith;  | 28.4d               |
| e  | (e) use a pre-agreed code to report to an inspection vessel within 24 hours, any infringement of the CEM;  | 28.5                |
| f  | (f) perform such scientific work as the Fisheries Commission may request; and  | 28.4c               |
| g  | (g) submits to the flag State Contracting Party and to the Executive Secretary, within 30 days following completion of a deployment, a report detailing the data recorded pursuant   | 28.6                |



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to this paragraph.

- 3 Each vessel shall provide food and accommodation to the observer of a standard no less than that provided to the crew. 28.7
- 4 The master shall extend such co-operation and assistance as may be required to enable the observer to carry out the observer’s duties. Such cooperation shall include providing the observer with such access as may be required to the catch retained onboard, including such catch as the vessel may intend to discard. 28.7

***Fishing Vessel without Observer***

- 5 Where, contrary to paragraph 1, a fishing vessel is not carrying an observer, any other Contracting Party may, with the consent of the flag State Contracting Party, deploy an observer to the vessel who may remain onboard until the Flag State Contracting Party deploys an observer to the vessel. 28.2

***Costs***

- 6 Subject to any arrangement with another Contracting Party, each Contracting Party shall bear the costs of remunerating every observer it has deployed. 28.1

***Duties of the Executive Secretary***

- 7 The Executive Secretary, upon request, provides to any Contracting Party, a copy of the report referred to in paragraph 4, providing daily catch totals by species and division instead of by individual hauls and co-ordinates. 28.6

28.8 Deleted since obsolete

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### B Electronic Reporting

- 8 a) Only vessels of Contracting Parties with functional VMS systems that have the necessary technical facilities in place to send electronic “observer reports” and “catch reports” are allowed to apply the provisions laid down in this chapter. 60.1+61.2 + 61.3 + 61.4
- b) However, by way of derogation from these measures a Contracting Party may withdraw observers from vessels applying the provisions of this chapter on the condition that the technical facilities on board the vessel necessary to send electronic "observer reports" and "catch reports" have been tested with the NAFO Secretariat and Contracting Parties with an inspection presence in the Regulatory Area.
- c) The testing of this exchange shall be deemed successful once data exchanges have been completed with all recipients at a 100% reliability rate.
- d) A Contracting Party with a vessel applying the provisions of this chapter shall withdraw the observer for no more than 75% of the time that the vessel spends in the Regulatory Area during the year. Changed to singular(vessel only and not vessels) as this is vessel specific and on an individual vessel basis.

#### ***Duties of the flag State Contracting Party***

- 9 Each Contracting Party that intends to apply paragraph 1 shall:
- a (a) no later than 30 days prior to the start of its fishing season, notify the Executive Secretary of its intention and, before it authorizes a vessel to operate in accordance with this Article, of the name of such vessel and the period of time during which it will not carry an observer. 60.2 + 61.1 + 61.6
- b (b) ensure that, for each fishery in which the fishing vessels entitled to fly its flag operating pursuant to this Article are engaged, there is a balance between fishing vessels carrying 61.5

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observers and fishing vessels not carrying observers.

- 10 Where an inspector issues a notice of an infringement to a fishing vessel applying this Article that is not carrying an observer at the time of the notice, the flag State Contracting Party shall deem the infringement a serious infringement for the purpose of Article 23 H and, where it does not require the fishing vessel to proceed immediately to port pursuant to paragraph 5 of Article 23 H, it shall deploy an observer to the fishing vessel without delay. 61.7 Corresponding serious infringement on list (m)

### ***Report to STACTIC***

- 11 Each Contracting Party applying this Article shall submit to the Executive Secretary by 1 March each year for the previous calendar year a report containing the following information: 65 New time requirement
- a) compliance overall and notably comparison between vessels with and without observers;
  - b) costs or savings for the industry and for the authorities of the Contracting Party (including those with an inspection presence);
  - c) interaction with traditional means of control; and
  - d) technical functioning of the Scheme and reliability.

### ***Costs***

- 12 Subject to a different arrangement with another Contracting Party, each Contracting Party shall pay its own costs of applying this Article. 64

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***Daily reports by the Observer and the Master***

- 13 The observer on board a vessel applying this Article shall:
  - a (a) in addition to the duties described in **Article 2**, transmit daily in accordance with **Annex XX(a) 2**, the OBR report to the flag State Contracting Party FMC which shall in turn, no later than 12:00 UTC of the day following its receipt, transmit it to the Executive Secretary; and 61.8  
62.1 + 62.2 + 62.6
  - b (b) where electronic data transfer is disabled, daily transmit the report by another means and maintain a written log available to inspectors of the data so transmitted. 62.5
- 14 The master of a vessel applying this Article shall:
  - a (a) in accordance with Annex XX(a)1, transmit daily the CAX report to the Flag State Contracting Party FMC and ensure that the catch so reported corresponds to the log book entries. The FMC shall in turn, no later than 12:00 UTC of the day following its receipt, transmit the report to the Executive Secretary; and 62.1 + 62.2 + 62.3 + 62.6
  - b (b) where electronic data transfer is disabled, daily transmit the report by another means and maintain, available to inspectors, a written log of the data so transmitted. 62.5
- 15 The daily OBR and CAX reports shall set out by Division the amounts of catch retained on board by species, the catch discarded and the undersized catch. 62.4

***Duties of the Executive Secretary***

- 16 The Executive Secretary:
  - a (a) transmits as soon as possible to all Contracting Parties the information received pursuant to **subparagraph 2(a)**; 61.6

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- b (b) receives OBR and CAX reports pursuant to paragraphs 6 and 7, and where any such report has not been received for 2 consecutive days, notifies the flag State Contracting Party and any Contracting Party with an inspection presence in the Regulatory Area; 63.3
- c (c) compiles the data received pursuant to paragraph 1 in the format set out in Annex XX (b), treats it in accordance with Annex XIX and transmits it weekly to each Contracting Party with an inspection presence in the Regulatory Area; and 63.1 + 63.2 + 63.4
- d (d) provides to STACTIC an assessment of issues relevant to the exchange of data pursuant to this Article, including compatibility, collection, compilation, transmission, and incremental cost to the operation of the Secretariat. 65 Main text + 65b + 65c

**23 Article – Joint Inspection and Surveillance Scheme**

Agreed to construct a separate Section on "JISS" by merging Articles 29 through 44

**A General Provisions**

- 1 Inspection and surveillance shall be carried out by inspectors assigned by a Contracting Party to the Joint Inspection and Surveillance Scheme (hereinafter, "Scheme"). 29.1
- 2 Each Contracting Party with an inspection or surveillance presence in the Regulatory Area shall provide to each inspection platform, upon its entry into the Regulatory Area, a list of sightings and boardings it has conducted in the previous ten-day period including the date, coordinates and any other relevant information. 29.2
- 3 Each Contracting Party shall ensure that every inspection platform entitled to fly its flag 29.3

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operating in the Regulatory Area maintains secure contact, daily where possible, with every other inspection platform operating in the Regulatory Area, to exchange information necessary to co-ordinate their activities.

- |   |  |  |
|---|--|--|
| 4 | Inspectors visiting a research vessel shall note the status of the vessel, and shall limit inspection procedures to those necessary to ascertain that the vessel is conducting activities consistent with its Research Plan. Where the inspectors have reasonable grounds to suspect the vessel is conducting activities that are not consistent with its Research Plan, the CEM fully apply.  | 29.4<br><br>Last sentence added for clarity  |
| 5 | A Contracting Party may by mutual agreement deploy inspectors it has assigned to the Scheme to an inspection platform of another Contracting Party. It shall so notify the Executive Secretary in advance of such deployment.  | 29.5   |
| 6 | Each Contracting Party with an inspection presence in the Regulatory Area shall seek to ensure its inspectors treat vessels operating in the Regulatory Area on an equitable footing by avoiding a disproportionate number of inspections on vessels entitled to fly the flag of any one Contracting Party. Accordingly, in respect of any quarter-annual period, the number of inspections its inspectors conduct on vessels entitled to fly the flag of another Contracting Party shall, insofar as possible, reflect the proportion of the total fishing activity in the Regulatory Area by vessels entitled to fly the flag of that Contracting Party. This proportion includes, inter alia, the level of catches and vessel days. In determining the frequency of inspections, inspectors may, however, take into account the fishing patterns and compliance record of any fishing vessel. | 29.6 STACTIC agreed to include the "objectivity report" in the annual compliance report so removed reference |
| 7 | A Contracting Party with more than 15 fishing vessels operating at any one time in the Regulatory Area shall during that time:<br><br>a) have an inspector or other competent authority present in the Regulatory Area; or<br><br>b) have a competent authority present in the territory of a Contracting Party adjacent   | 29.7   |

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to the Convention Area; and

- c) respond without delay to every notice of infringement in the Regulatory Area by a fishing vessel entitled to fly its flag. Chapeau 29.7
  
- 8 Every Contracting Party shall ensure that, except when inspecting a fishing vessel entitled to fly its flag and in accordance with its domestic law, inspectors do not carry arms when boarding a vessel entitled to fly the flag of another Contracting Party in the Regulatory Area. 29.8
  
- 9 Each Contracting Party shall ensure that, except when inspecting a fishing vessel entitled to fly its own flag and in accordance with its domestic law, inspectors and inspector trainees it has assigned to this Scheme: 29.9 + 33.12 Redrafted to adapt language to UNFA (article 21, paragraph 10) which uses “generally accepted”.

  - a) remain under its operational control;
  - b) apply the provisions of this Scheme; 31.2
  - c) when carrying out their duties under this Scheme, in relation to vessels entitled to fly the flag of another Contracting Party, refrain from enforcing laws and regulations related to its own exclusive economic zone; 34. 1. b)
  - d) observe generally accepted international regulations, procedures and practices relating to the safety of the vessel being inspected and its crew;
  - e) do not interference with fishing activities or stowage of product and, to the extent practicable, avoid action which would adversely affect the quality of the catch on board; and
  - f) open containers in a manner that facilitates their prompt resealing, repacking and eventual re-storage.

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**B Notification Requirements**

- 1 Each Contracting Party shall, no later than 1 December each year, notify the Executive Secretary of: 30.1
    - a (a) the names of inspectors and inspector trainees and the name, radio call sign and communication contact information of each inspection platform it has assigned to the Scheme. It shall notify changes to the particulars so notified, whenever possible, no less than 60 days in advance; 30.1
    - b (b) its provisional plan for assigning inspectors and platforms to this Scheme in the following calendar year; and 30.3
    - c (c) the particulars for communicating to its competent authority immediate notification of infringements in the Regulatory area. 30.5
  - 2 Each Contracting Party shall ensure that each inspection platform it has so assigned notifies the Executive Secretary in advance, of the date, start time and end of each patrol and enters the start and end dates of the patrol in its logbook or equivalent record. Where notification to the Executive Secretary is not possible or practicable, logbook entries or equivalent constitute fulfilment of this requirement. 30.2
- Duties of the Executive Secretary***
- 3 Upon receiving such information, the Executive Secretary: 30.4 + 30.3
    - a a) posts the information received from Contracting Parties on the secure part of the NAFO website; and
    - b b) may make suggestions to Contracting Parties for the co-ordination of their deployment



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of resources to the Scheme.

**C Surveillance Procedures**

- 1 Where an inspector observes in the Regulatory Area a fishing vessel entitled to fly the flag of a Contracting Party for which the position and catch reports do not correspond with the current information available to that inspector, and where an immediate inspection is not practicable, the inspector shall: 32.1 + 32.2
    - a (a) fill out the Surveillance Report Form set out in Annex XII; 32.2
    - b (b) take images of the vessel and record the position, date and time the image was taken; and 32.2
    - c (c) without delay electronically transmit the Surveillance Report and images to the flag State Contracting Party of the vessel and to the Executive Secretary. 32.3
  - 2 Each Contracting Party shall:
    - a (a) on receipt of a Surveillance Report concerning a vessel entitled to fly its flag, whenever possible, promptly board the vessel and conduct such investigation as may be necessary to determine appropriate follow-up action. 32.4
    - b (b) by 1 March, report to the Executive Secretary the action it has taken with regard to each Surveillance Report it has received in the previous calendar year. In cases where the follow-up action results in penal action, any penalties imposed shall be described in specific terms. 32.5
- Duties of the Executive Secretary***
- 3 The Executive Secretary maintains the Surveillance Reports until follow-up action is concluded by the Flag State Contracting Party of the vessel concerned. 32.5 EDG recommending assigning this duty to ES

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since prior CEMs do not assign duty to anyone

### D Boarding and Inspection Procedures

Each Contracting Party with an inspection presence in the Regulatory Area shall ensure that its inspectors:

- a (a) prior to boarding, notify the fishing vessel of the name of the inspection vessel; 33.1
- b (b) display, on the inspection vessel and boarding vessel, the pennant depicted in **Annex XVII**; 33.2 Removed reference to “during daylight hours in conditions of normal visibility” since unnecessary
- c (c) ensure that during boarding, the inspection vessel remains at a safe distance from fishing vessels; 33.12
- d (d) do not require the fishing vessel to stop or maneuver when towing, shooting or hauling; 33.3 From “fishing” to “towing”
- e (e) limit each inspection team to a maximum of four inspectors including any inspection trainee who may accompany the inspection team for training purposes only. Where an inspection trainee accompanies the inspectors, inspectors shall, upon boarding, identify the trainee to the master. The inspection trainee shall simply observe the inspection operation conducted by the authorized inspectors and shall in no way interfere with the activities of the fishing vessel; 33.4
- f (f) upon boarding, present to the master their NAFO credentials issued by the Executive Secretary in accordance with **Annex XV**; and 31.1

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- g (g) limit inspections to four hours, or the time required for the net to be hauled in and both the net and the catch to be inspected, whichever is longer, except: 33.9 + 33.10
  - i. in the case of an infringement; or
  - ii. where the inspector estimates the quantity of catch on board to be different from the quantity of catch recorded in the fishing logbook, in which case the inspector will limit the inspection to one additional hour with a view to verifying calculations and procedures, and re-examining the relevant documentation used to calculate the catch taken in the Regulatory Area and the catch on board the vessel.

**E Obligations of Master during Inspection**

- 1 Every master of a fishing vessel shall take such measures as may be required to facilitate inspection by:
  - a (a) ensuring, where an inspection vessel has signalled that an inspection is about to commence, that any net about to be hauled is not taken on board for at least 30 minutes following the signal from the inspection vessel; 33.3 “Retrieved” changed to “taken on board”
  - b (b) upon request by an inspection platform and to the extent compatible with good seamanship, facilitating boarding by the inspectors; 34.1. a
  - c (c) providing a boarding ladder in accordance with Annex XXIII; 34.1. c
  - d (d) ensuring any mechanical pilot hoist is fit for use in a safe manner including safe access between the hoist to the deck; 34.1. d Delete unnecessary text
  - e (e) providing the inspectors access to all relevant areas, decks and rooms, processed and 33.5

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unprocessed catch, nets or other gear, equipment, and any relevant documents which they consider necessary to verify compliance with the CEM;

- f (f) recording and providing to an inspector upon request, coordinates pertaining to the start and end locations of any trial tow conducted in reference to **Article 7, paragraph 3(c)**; 34.1. e
- g (g) upon request of the inspector, producing registration documents, drawings or descriptions of fish rooms, production logbooks and stowage plans and rendering such assistance as the inspector reasonably requires to ascertain that actual stowage of catch conforms with the stowage plan; 34.1. b
- h (h) taking such action as may be necessary to preserve the integrity of any seal affixed by an inspector and of any evidence remaining on board, until otherwise directed by the inspector of the flag State Contracting Party; 36.2
- i (h) ceasing fishing when requested to do so by the inspector pursuant to **Article 23.H.2(d)**; 37.4
- j (j) providing, upon request, the use of the vessel’s communication equipment and operator for messages to be sent out and received by the inspectors; 37.2
- k (k) at the request of the inspector, removing any part of the fishing gear which appears to be unauthorized under the CEM; ; and 36.2
- l (l) where the inspector has made any entries in the logbooks, providing the inspector with a copy of each page where such entry appears, and at the request of the inspector, signing each page to confirm that it is a true copy. 36.1 b
- 2 Where the inspectors are unable to communicate with the competent authority of the flag State Contracting Party, pursuant to **Article 23.H.4(b)**, the master shall not resume fishing until the inspectors have completed the inspection and secured the evidence. 37.6

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### F Inspection Report and follow-up

- |     |  |  |
|-----|--|--|
| 1   | Each Contracting Party with an inspection presence in the Regulatory Area shall ensure that its inspectors complete an inspection report in the form set out in <b>Annex XI</b> in relation to each inspection and apply the provisions of this Article in relation thereto. | 33.1   |
| 2   | For the purpose of the inspection report:  |  |
| a   | (a) a fishing trip is considered current where the inspected vessel has on board catch harvested in the Regulatory Area during the trip;   | 33.6   |
| b   | (b) when comparing entries in the production logbook with entries in the fishing logbook the inspector shall convert production weight into live weight guided by conversion factors used by the master.   | 33.8 reworded for clarity  |
| c   | (c) the inspectors shall:  |  |
| i   | i. summarize from logbook records the vessel's catch in the Regulatory Area by species and by Division either for the current fishing trip, or, where requested by the flag State Contracting Party, for a twelve month period;  | 33.6 + 33.7  |
| ii  | ii. record summaries in section 14 of the inspection report, as well as differences between the recorded catch and their estimates of the catch onboard in section 17;   | 33.6 + 33.10 Last sentence of 33.6 reflected in definition of "fishing trip" |
| iii | iii. upon completion of the inspection, sign the inspection report and present the inspection report to the master for signature and comment, and to any witness who may wish to submit a statement; and   | 33.11 + 36.1a  |
| iv  | iv. provide a copy of the report to the master, duly noting in the appropriate section of the inspection report any refusal by the master to acknowledge receipt.  | 33.11  |

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- 3 The inspecting Contracting Party shall:
  - a (a) transmit the original inspection report, if possible within 30 days of the inspection, to the flag state Contracting Party of the inspected vessel; 35.1
  - b (b) where the inspectors issues a notice of an infringement, within 10 days of the inspection vessel's return to port, transmit a copy of the inspection report with supporting documents, including copies of any images recorded, to the flag state Contracting Party of the inspected vessel and to the Executive Secretary. The Executive Secretary and the inspecting Contracting Party shall treat this information as confidential in accordance with Annex XIX; 35.2 + 35.4
  - c (c) advise the Executive Secretary monthly of the names of vessels inspected in the preceding calendar month for transmission to each relevant flag state Contracting Party. 35.5

***Use of surveillance and inspection reports***

- 4 Each Contracting Party shall ensure that inspection and surveillance reports prepared by NAFO inspectors have equivalent evidentiary status for establishing facts as inspection and surveillance reports of its own inspectors. However, nothing in this Article requires a Contracting Party to accord greater evidentiary weight to an inspection report of an inspector of another Contracting Party than would be accorded to it in similar proceedings by the inspector's own Contracting Party. 41.1 + 39.5
- 5 Contracting Parties shall cooperate to facilitate judicial or other proceedings initiated as follow-up to a report submitted by an inspector pursuant to the Scheme. 41.2 Last phrase deleted as redundant

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### G Procedures Relating to Infringements

Each Contracting Party shall ensure that its inspectors upon detecting an infringement of the CEM:

- a (a) record the infringement in the inspection report; 36.1a
- b (b) enter and sign a notation in the fishing logbook or other relevant document of the inspected vessel indicating the date, coordinates, and nature of the infringement, make a copy of any relevant entry and request that the master sign each page to verify that it is a true copy of the original; 36.1b
- c (c) record images of any infringing gear or catch, and give one image to the master and attach a second one]to the inspection report; 36.1c
- d (d) request that the master remove any part of the fishing gear which appears to be unauthorized under the CEM; 36.2
- e (e) affix securely the inspection seal depicted in Annex XVIII to any part of the unauthorized fishing gear and duly note the action taken in the inspection report; and 36.2
- f (f) within 24 hours, transmit to the flag state Contracting Party written notification of the infringement. The notification shall include the information entered in points 16, 18 and 20 of the inspection report, cite the relevant measures and describe in detail the basis for issuing the notice of infringement, and the evidence in support of the notice. 35.3

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### H Additional Procedures for Serious Infringements

#### *List of Serious Infringements*

- 1 Each of the following violations constitutes a serious infringement:
- a (a) fishing an "Others" quota without prior notification to the Executive Secretary contrary to **Article 4**; 37.1
  - b (b) fishing an "Others" quota more than seven working days following closure by the Executive Secretary contrary to **Article 4**; 37.1a
  - c (c) directed fishing for a stock which is subject to a moratorium, or for which fishing is otherwise prohibited, contrary to **Article 7**; 37.1a
  - d (d) directed fishing for stocks or species after the date of closure by the flag State Contracting Party notified to the Executive Secretary contrary to **Article 4**; 37.1b
  - e (e) fishing in a closed area, contrary to **Article 14**; 37.1c
  - f (f) fishing with a bottom fishing gear in an area closed to bottom fishing activities, contrary to **Article 14**; 37.1d
  - g (g) using an unauthorized mesh size contrary to **Article 12**; 37.1e
  - h (h) fishing without a valid authorization issued by the flag State Contracting Party contrary to **Article 17**; 37.1f
  - i (i) mis-recording of catches contrary to **Article 20**; 37.1g
  - j (j) failing to carry or interfering with the operation of the satellite monitoring system 37.1h



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contrary to **Article 21**;

- k (k) failure to communicate messages related to catch contrary to **Article 10.7(a) or Article 20**; 37.1i
- l (l) obstructing, intimidating, interfering with or otherwise preventing inspectors or observers from performing their duties; and 37.1j Replaced “preventing from conducting duties” language with serious infringements taken from UNFA
- m (m) committing an infringement where there is no observer on board. 61.7

***Duties and Authority of the Inspectors***

- 2 Where the inspectors cite a vessel for having committed a serious infringement, they shall:
  - a (a) seek to notify the competent authority of the Flag State Contracting Party; 37.2
  - b (b) report the serious infringement to the Executive Secretary; 37.9 Moved last part of sentence to “Duties of the ES”
  - c (c) take all measures necessary to ensure security and continuity of the evidence, including, as appropriate, sealing the vessel's hold for further inspection; 37.4
  - d (d) request that the master cease all fishing activity that appears to constitute a serious infringement. 37.4
- 3 The inspectors may remain on board to provide information and assistance to the 37.5

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inspector designated by the flag State Contracting Party (designated inspector). During this time, the inspectors shall complete the original inspection provided that, following the arrival of the designated inspector, the competent authority of the flag State Contracting Party does not require the inspectors to leave the vessel.

***Duties of the flag State Contracting Party***

- 4 Where notified of a serious infringement, the flag State Contracting Party shall:
  - (a) Acknowledge receipt of the notification without delay; 37.3
  - (b) Ensure the fishing vessel does not resume fishing until the inspectors have notified the master that they are satisfied that the infringement will not be repeated; and 37.6
  - (c) Ensure that the vessel is inspected within 72 hours by an inspector designated by the flag State Contracting Party. 37.3
- 5 Where justified, the Flag State Contracting Party shall, where authorized to do so, require the vessel to proceed immediately to a port for a thorough inspection under its authority in the presence of an inspector from any other Contracting Party that wishes to participate. 37.7
- 6 Where the flag state Contracting Party does not order the fishing vessel to port, it shall provide written justification to the Executive Secretary no later than 3 working days following the notice of infringement. 37.7 “timely manner” replaced by exact timeframe e.g. 3 days and moved last part of sentence to “Duties of the ES”
- 7 Where the flag State Contracting Party orders the fishing vessel to port, an inspector from another Contracting Party may board or remain onboard the vessel as it proceeds to port, provided that the competent authority of the flag State Contracting Party does not require the inspector to leave the vessel. 37.8 + 38.5

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8

a Where, pursuant to the inspection referred to in **paragraph 3**, the designated inspector issues a notice of infringement for: 38.1 + 38.2

i

i) directed fishing for a stock which is subject to a moratorium;

ii

ii) directed fishing for a stock for which fishing is prohibited under **Article 7**,

iii

iii) mis-recording of catch, contrary to Article 20; or

iv

iv) repetition of the same serious infringement during a 100 days period or a single fishing trip, whichever is shorter;

the flag State Contracting Party shall order the vessel to cease all fishing activities and shall forthwith initiate a full investigation.

b (b) In this paragraph, “mis-recording of catches” means a difference of at least 10 tonnes or 20%, whichever is greater, between the inspectors’ estimates of processed catch on board, by species or in total, and the figures recorded in the production logbook, 38.1 b

calculated as a percentage of the production logbook figures. In order to calculate the estimate of the catch on board, the inspectors shall apply a stowage factor agreed between them and the designated inspector.

Replaced reference to Contracting party with "designated inspector" for clarity

9

a (a) Where the flag State Contracting Party is unable to conduct a full investigation in the Regulatory Area, or where the serious infringement is mis-recording of catches, it shall order the vessel to proceed immediately to a port where it shall conduct a full investigation 38.3 + 38.4

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ensuring that the physical inspection and enumeration of total catch on board takes place under its authority;

- b (b) Subject to the consent of the flag State Contracting Party, inspectors of another Contracting Party may participate in the inspection and enumeration of the catch. 38.4

***Duties of the Executive Secretary***

10 The Executive Secretary:

- a (a) informs without delay the Contracting Parties having an inspection presence in the Regulatory Area of the serious infringement referred by its inspectors; and 37.9
- b (b) makes available to any Contracting Party, on request, the justification provided by the flag State Contracting Party where it did not order its vessel to port in response to the finding of a serious infringement. 37.7

**I Follow up to infringements**

- 1 A flag State Contracting Party that has been notified of an infringement committed by a fishing vessel entitled to fly its flag shall:
  - a (a) investigate immediately and fully, including as appropriate, by physically inspecting the fishing vessel at the earliest opportunity; 39.1
  - b (b) cooperate with the inspecting Contracting Party to preserve the evidence in a form that will facilitate proceedings in accordance with its laws; 39.4
  - c (c) take immediate judicial or administrative action in conformity with its national legislation against the persons responsible for the vessel flying its flag where the CEM have not been respected; and 39.2

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- d (d) ensure that sanctions applicable in respect of infringements are adequate in severity to be effective in securing compliance, deterring further infringements and depriving the offenders of the benefits accruing from the infringement. 39.3
- 2 Each Contracting Party shall ensure that in proceedings it has instituted, it treats a notice of an infringement issued pursuant to paragraph H 1(l) as if the infringement was against its own inspector. 39.6 Cross-reference with obstruction/interference provision
- 3 Each Contracting Party shall take enforcement measures with respect to a vessel flying its flag, where it has been established in accordance with domestic law, that the vessel committed a serious infringement listed in paragraph H 8(a). 40.1
- 4 The measures referred to in paragraph 3 and the sanctions referred to in paragraph 1 (d) may include the following depending on the gravity of the offence and in accordance with domestic law: 40.1
  - a (a) fines; 40.2a
  - b (b) seizure of the vessel, illegal fishing gear and catches; 40.2b+c
  - c (c) suspension or withdrawal of authorization to fish; and 40.2d
  - d (d) reduction or cancellation of any fishing allocations. 40.2e
- 5 The flag State Contracting Party shall immediately notify the Executive Secretary of the measures taken against its vessel in accordance with paragraphs 3 and 4. 40.3
- J Contracting Party Reports on Inspection, Surveillance and Infringements**
- 1 Each Contracting Party shall annually by 1 March report to the Executive Secretary 42 .1 + 43.1

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pursuant to the Scheme:

- a (a) the number of inspections of fishing vessels entitled to fly the flag of each Contracting Party it has conducted in the previous calendar year; 43.1a
- b (b) the name of every fishing vessel in relation to which its inspectors have issued a notice of infringement including the date and position of the inspection and the nature of the infringement; 43.1a
- c (c) the number of hours flown by the its surveillance aircraft on patrol, the number of sightings made by such aircraft, the number of surveillance reports it has transmitted and, for each such report, the date, time and position of the sightings; 43.1b
- d (d) the action it has taken during the previous year concerning every infringement notified to it by a Contracting Party; and 42.1a
- e (e) differences that it considers significant between records of catches in the logbooks of fishing vessels entitled to fly its flag and the inspectors' estimates of those catches. 42.1b
- 2 A Contracting Party that has been notified of a serious infringement referred to in **H 8(a)**, shall provide the Executive Secretary with: 42.3 Inserted cross-reference with certain serious infringements
  - a (a) as soon as practicable but no later than four months following the notification, a report setting out the progress of the investigation, including details of any action it has taken or has initiated in relation to the infringement; and 42.3
  - b (b) upon completion of its investigation, a report on final disposition. 42.3
- 3 The reports referred to in **subparagraph 1(d)** shall indicate the current status of the case (e.g. case pending, under appeal, still under investigation) and describe in specific terms 42.2 + 42.1a

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any penalties imposed (e.g. amount of fines, value of forfeited fish and/or gear, written warning given). The Contracting Party shall continue to list such infringement on each subsequent report until it reports the final disposition of the infringement.

- 4 A Contracting Party shall provide an explanation regarding every infringement concerning which it has taken no action. 42.2

***Duties of the Executive Secretary***

- 5 The Executive Secretary makes available to all Contracting Parties at the annual meeting reports that summarize the information contained in paragraphs 1 and 2. New to reflect what current practice of ES

**K Dispute Resolution Regarding the Interpretation or Application of this Scheme**

- 1 Where two or more Contracting Parties disagree on the interpretation or application of this Chapter, they shall consult with each other with a view to resolving their disagreement. 44.1
- 2 Where following consultations the disagreement remains unresolved, the Chair of the Standing Committee on International Control (STACTIC) shall at the request of one of them convene a special meeting of STACTIC to consider the dispute and seek to recommend a resolution to the Contracting Parties concerned. 44.2
- 3 No later than 60 days following its special meeting, STACTIC shall transmit a report to all members of the Fisheries Commission setting out its findings and recommendations. 44.3
- 4 No later than 60 days after receiving the report referred to in paragraph 3, any member of the Fisheries Commission may, by request addressed to the Chair of the Fisheries Commission through the Executive Secretary, ask the Fisheries Commission to convene a special meeting to consider the report and to take appropriate action. 44.4

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- 5 Following receipt of the request referred to in paragraph 4, the Fisheries Commission considers whether to convene a special meeting to consider the report. NEW Inserts logical next step to paragraph 4
  
- 24 Article - Port State Control** Agreed to keep current text with no changes  
  
Same as 2011 CEM
  
- 25 Article - Non-Contracting Party Vessels** Agreed to draft a separate Section on "NCP" by merging Articles 51 to 59. **Not yet completed, thus no changes to this section proposed**  
  
Same as 2011 CEM
  
- 26 Article - Research Vessels** Agreed to construct a separate Section on "Research vessels" by merging relevant provisions of Articles 1, 6, 20 and 29
  
- 1 Unless otherwise provided, research vessels shall not be restricted by conservation and management measures pertaining to the taking of fish in the Regulatory Area, in particular, mesh size, size limits, closed areas and seasons. 1.2
  
- 2 A research vessel shall not:



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a	(a) conduct fishing activities inconsistent with its research plan; or	New 20.5	Implied in 20.4 and 20.5
b	(b) take 3L shrimp in excess of the allocation of the flag State Contracting Party.	6.3	Reworded as vessel duty
3	No less than seven days prior to the commencement of a fishery research period, the flag State Contracting Party shall:	20.3	+ 20.5
a	(a) by electronic transmission in the format prescribed in <b>Annex IV</b> , notify the Executive Secretary of all research vessels entitled to fly its flag it has authorized to conduct research activities in the Regulatory Area; and	20.3	
b	(b) provide to the Executive Secretary a Research Plan for all vessels entitled to fly its flag it has authorized to conduct research, including the purpose, location and, for vessels temporarily engaged in research, the dates during which the vessel will be engaged as a research vessel.	20.4	
4	For vessels temporarily employed in research, the flag State Contracting Party shall immediately upon termination of research activities so notify the Executive Secretary.	20.4	
5	The flag State Contracting Party shall notify the Executive Secretary not less than seven days before the effective date of any changes to the research plan. The research vessel shall maintain a record of the changes on board.	20.5	
6	Vessels engaged in research shall at all times keep on board a copy of the Research Plan in the English language.	20.4	

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### *Duties of the Executive Secretary*

- 7 Following notification pursuant to **paragraph 3(a)**, the Executive Secretary without delay posts the names of all research vessels in the vessel registry to the NAFO website and includes in such posting any supporting documents provided by the flag State Contracting Party, including the Research Plan. New - Implied and already practice of ES

**Table of Concordance**

<b>New</b>		<b>Former</b>	
1	Article - Definitions	2	Definitions
2	Article - Scope	1	Scope
3	Article - Duties of the Contracting Parties	18	Authorization to Fish
4	Article - Quotas	3	Quotas
5	Article - Quota Adjustments	10	Quota adjustments
6	Article - Quota Transfer	11	Quota transfer
7	Article – By-catch Requirements	12	By-Catch Requirements
8	Article - Cod in Divisions 2J3KL	4	Cod in Divisions 2J3KL
9	Article - Shrimp in Divisions 3L and 3M <i>Shrimp in Division 3M</i> <i>Shrimp in Division 3L</i>	5 6	Shrimp in Division 3M Shrimp in Division 3L
10	Article - Greenland halibut in Subarea 2 and Divisions 3KL MNO <i>Rebuilding program</i> <i>Control measures</i> <i>Duties of the Executive Secretary</i>	7 8	Greenland halibut in Subarea 2 and Divisions 3KL MNO Greenland halibut in Subarea 2 and Divisions 3KL MNO – Additional control measures
11	Article - 3NO Cod Conservation Plan and Rebuilding Strategy	9	3NO Cod Conservation Plan and Rebuilding Strategy
12	Article - Gear Requirements <i>Mesh sizes</i> <i>Use of Attachments</i> <i>Marking of Gear</i>	13 22	Gear Requirements Marking of Gear
13	Article - Minimum Fish Size Requirements	14	Minimum Fish Size Requirements
14	Article - Area and Time Restrictions <i>Squid Closure</i> <i>Area Closures</i> <i>Coral and Sponge Protection Zone</i> <i>Duties of the Executive Secretary</i>	15 16	Area and Time Restrictions Coral and Sponge Protection Zone
15	Article - Conservation and Management of Sharks	17	Conservation and Management of Sharks
16	CHAPTER I bis		Chapter I bis (Articles 1 bis to 6 bis)
17	Article - Vessel Requirements <i>Authorization to fish and notification</i> <i>Vessel markings</i> <i>Vessel documents</i> <i>Duties of the Executive Secretary</i>	18 20 21	Authorization to fish Vessel Register Vessel Requirements

18	Article - Chartering Arrangements <i>Duties of the Executive Secretary</i>	19	Chartering Arrangements
19	Article - Product Labelling Requirements	23	Product Labelling Requirements
20	Article - Monitoring of Catch and Fishing Effort <i>Recording of Catch and Stowage</i> <i>Catch reporting</i> <i>Catch and Fishing Effort Reporting by Contracting Parties</i> <i>Duties of the Executive Secretary</i>	24 25 27	Recording of Catch and Stowage Reporting of Catch and Fishing Effort Communication of Catches
21	Article - Vessel Monitoring System (VMS) <i>VMS data and costs</i> <i>VMS data and costs</i> <i>Transmission of VMS data</i> <i>Duties of the Executive Secretary</i> <i>Use of VMS Data for Search and Rescue</i>	26	Vessel Monitoring System (VMS)
22	Article - Observer Program	28	Observer Program
A	General provisions <i>Duty to Carry Observer</i> <i>Duties of the flag State Contracting Party</i> <i>Fishing Vessel without Observer</i> <i>Costs</i> <i>Duties of the Executive Secretary</i>	60 61 62 63 64 65	Scope Implementation Daily Reports Daily Collection/Compilation/Analysis Costs Evaluation
B	Electronic Reporting <i>Duties of the flag State Contracting Party</i> <i>Report to STACTIC</i> <i>Costs</i> <i>Daily reports by the Observer and the Master</i> <i>Duties of the Executive Secretary</i>		
23	Articles – Joint Inspection and Surveillance Scheme	29	General Provisions
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B	Notification Requirements <i>Duties of Executive Secretary</i>	31 32	Inspectors Surveillance Procedure
C	Surveillance Procedures <i>Duties of the Executive Secretary</i>	33 34	Inspection Procedure Obligations of Master during Inspection
D	Boarding and Inspection Procedures	35	Inspection Reports
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H	Additional Procedures for Serious Infringements <i>List of Serious Infringements</i> <i>Duties and Authority of the Inspectors</i> <i>Duties of the flag State Contracting Party</i> <i>Duties of the Executive Secretary</i>	40 41 42 43 44	Enforcement Measures Treatment of Reports from Inspectors Report on Infringements Reports on Inspection and Surveillance Activities Interpretation or Application
I	Follow up to infringements		
J	Contracting Party Reports on Inspection, Surveillance and Infringements <i>Duties of the Executive Secretary</i>		
K	Dispute Resolution Regarding the Interpretation or Application of this Scheme		
24	Article - Port State Control		Articles 45 to 50
25	Article - Non-Contracting Party Vessels		Articles 51 to 59
26	Article - Research Vessels <i>Duties of the Executive Secretary</i>		Collection of relevant items from Articles 1, 6, 20 and 29

Table of Transfers

Former	New	Former	New	Former	New	Former	New	Former	New	Former	New
<b>Article 1</b>		<b>Article 7</b>		<b>Article 12</b>	no change	<b>Article 17</b>		<b>Article 22</b>		<b>Article 28</b>	
1	2.1	1	10.1	1a	no change	1	15.1	1	12.8	1	22.1+2+6
2	2.2+26.1	2	10.2	1b	no change	2	15.2	2	12.8	2	22.5
<b>Article 2</b>		3	10.3	1c	no change	3	15.3	<b>Article 23</b>		3	22.2
1	1.8	4	10.8a	2a	no change	4	deleted	1	19	4a	22.2a+c
2	1.14	5	deleted	2b	no change	5	15.4	<b>Article 24</b>		4b	22.2c
3	1.5	6a	10.5a	2c	no change	6	15.5	1	20.1a	4c	22.2f
4	1.9	6b	10.5b	3a	no change	7	15.6	2	20.1b+c	4d	22.2b+d
5	1.7	6c	10.5c+d+e+f;10.7c+d	3b	no change	8	15.7	3	20.1d	5	22.2e
6	1.12	6d	deleted	3c	no change	<b>Article 18</b>		4	20.1e+f	6	22.2g+7
7	1.10	7	deleted	A	no change	1	17.1b	5a	20.1g	7	22.3+4
8	1.11	8	10.7b	B	no change	2	17.1a	5b	20.1k	8	deleted
9	deleted	9	10.4	C	no change	3	3	6	20.1h+i+j+l	<b>Article 29</b>	
10	1.15	10	deleted	<b>Article 13</b>		4	17.2	<b>Article 25</b>		1	23.A1
11	1.1	<b>Article 8</b>		1	12.2	5	17.6+8	1	20.4	2	23.A2
<b>Article 3</b>		1	10.7	2	12.1	<b>Article 19</b>		2	20.5d	3	23.A3
1	no change	2a	10.7a	3	12.4	1	18.2	3	deleted	4	23.A4
2	no change	2b	10.7b + 8e	4	12.3	2	18.2b+c	4	deleted	5	23.A5
3	no change	2c	10.9	5	12.5	3	18.1	<b>Article 26</b>		6	23.A6
4	no change	2d	10.7d	6	12.6	4	18.2d	1	21.1+2a+9a	7	23.A7
5	no change	<b>Article 9</b>		7	12.7	5	18.3	2	21.2b	8	23.A8
6	no change	1	11.1	<b>Article 14</b>		6	18.5+6	3	21.6+7	9	23.A9
<b>Article 4</b>		2	11.2	1	13.1+2+4	7	18.7	4	21.5	<b>Article 30</b>	
1	8.1	3	11.3	2	13.1+2	8	18.2a+8	5	21.8	1	23.B1a
2	8.2	4	11.4	3	13.3	9	18.12+13+14	6	21.9a+10e	2	23.B2
3	8.3	5	11.5	<b>Article 15</b>		10	18.9	7	21.9b	3	23.B1b+3
4	8.4	6	deleted	1	9.6	11	18.10	8	21.10b+c+d	4	23.B3
Footnote	8.5	7	deleted	2	9.7	12	18.11	9	21.4	5	23.B1c
<b>Article 5</b>		8	deleted	3	9.6	13	18.15	10	21.2c	<b>Article 31</b>	
1	9.1	9	11.6	4	14.1	<b>Article 20</b>		11	21.3	1	23.Df
2	9.2	10	deleted	5	14.2	1	17.3+4+9	12	deleted	2	23.A10
3	9.3 + 9.4	<b>Article 10</b>		6	deleted	2	deleted	13	21.10g+11	<b>Article 32</b>	
4	9.5	1	no change	7	deleted	3	26.3a	<b>Article 27</b>		1	23.C1
		2	no change	8	14.3	4	26.3b+4+6	1a	20.2a	2	23.C1a+b
<b>Article 6</b>		3	no change	9	14.4+8	5	26.3+5	1b	20.2b	3	23.C1c
1	9.1	4	no change	10	deleted	6	17.3	1c	20.2c	4	23.C2a
2	9.8	<b>Article 11</b>		<b>Article 16</b>		7	17.10	1d	20.2d	5	23.C2b+3
3	26.2b	1	no change	1	14.5	<b>Article 21</b>		1e	20.2e+f		
4	9.9	2	no change	2	deleted	1	17.5	1f	20.2g		
				3	14.6	2	17.6	2	20.3+5a+b+c		
				4	14.8	3	17.7	3	20.2+3		
				5	14.7	4	17.7				



<b>2011 NCEM</b>	<b>Article</b>	<b>New Articles/Chapters</b>
Article 1 – Scope and Application	Article 2 – Definitions	1 – Definitions
Article 2 – Definitions	Article 1 – Scope and Application	2 – Scope
<b>Chapter I – Conservation and Management Measures</b>	<b>Chapter I – Conservation and Management Measures</b>	<b>Chapter I – Conservation and Management Measures</b>
Article 3 – Quotas	NEW - Research Vessels	3 – Research Vessels
Article 4 – Cod in Divisions 2J3KL .	Article 3 – Quotas	4 - Catch Limitation
Article 5 – Shrimp in Division 3M	Article 10 – Quota Adjustments	
Article 6 – Shrimp in Division 3L	Article 11 – Quota Transfer	
Article 7 – Greenland halibut in Subarea 2 and Divisions 3KLMNO	Article 12 – By-Catch Requirements	5 – By-catch Requirements
Article 8 – Greenland halibut in Subarea 2 and Divisions 3KLMNO – Additional control measures	Article 4 – Cod in Divisions 2J3KL .	6 - Cod Recovery Plans
Article 9 – 3NO Cod Conservation Plan and Rebuilding Strategy	Article 9 – 3NO Cod Conservation Plan and Rebuilding Strategy	
Article 10 – Quota Adjustments	Article 5 – Shrimp in Division 3M	
Article 11 – Quota Transfer	Article 6 – Shrimp in Division 3L	7 – Shrimp
Article 12 – By-Catch Requirements	Article 7 – Greenland halibut in Subarea 2 and Divisions 3KLMNO	8 - GHL
Article 13 – Gear Requirements	Article 8 – Greenland halibut in Subarea 2 and Divisions 3KLMNO – Additional control measures	
Article 14 – Minimum Fish Size Requirements	Article 13 – Gear Requirements	9 – Gear Requirements
Article 15 – Area and Time Restrictions	Article 22 – Marking of Gear	
Article 16 – Coral and Sponge Protection Zones	Article 14 – Minimum Fish Size Requirements	10 – Minimum Fish Size Requirements



Article 17 – Conservation and Management of Sharks	Article 15 – Area and Time Restrictions	11 – Time and Area Restrictions + VME's
<b>Chapter Ibis – Bottom Fisheries in the NRA</b>		
Article 1bis – 6bis	Article 16 – Coral and Sponge Protection Zones	
<b>Chapter II – Control Measures</b>	Article 1bis – 6bis	12 - VME Provisions
Article 18 – Authorization to Fish	Article 17 – Conservation and Management of Sharks	13 – Conservation and Management of Sharks
Article 19 – Chartering Arrangements	<b>Chapter II – Vessel Requirements</b>	<b>Chapter II – Vessel Requirements</b>
Article 20 – Vessel Register	Article 18 – Authorization to Fish	14 – Vessel Requirements
Article 21 – Vessel Requirements	Article 20 – Vessel Register	
Article 22 – Marking of Gear	Article 21 – Vessel Requirements	
Article 23 – Product Labelling Requirements	<b>Chapter III – Monitoring of Fisheries</b>	<b>Chapter III – Monitoring of Fisheries</b>
<b>Chapter III – Monitoring of Fisheries</b>	Article 23 – Product Labelling Requirements	15 – Product Labelling Requirements
Article 24 – Recording of Catch and Stowage	Article 24 – Recording of Catch and Stowage	16 – Monitoring of Catch
Article 25 – Reporting of Catch and Fishing Effort	Article 25 – Reporting of Catch and Fishing Effort	
Article 26 – Vessel Monitoring System (VMS)	Article 27 – Communication of Catches	
Article 27 – Communication of Catches	Article 26 – Vessel Monitoring System (VMS)	17 – Vessel Monitoring System (VMS)
Article 28 – Observer Program	<b>Chapter IV – Observer Scheme</b>	<b>Chapter IV – Observer Scheme</b>
<b>Chapter IV – Joint Inspection Scheme</b>	Article 28 – Observer Program	18 – Observer Program
Article 29 – General Provisions	Article 60 – Scope	
Article 30 – Notification Requirements	Article 61 – Implementation	
Article 31 – Inspectors	Article 62 – Daily Reports	
Article 32 – Surveillance Procedure	Article 63 – Data Collection/Compilation/Analysis	

Article 33 – Inspection Procedure	Article 64 – Costs	
Article 34 – Obligations of Vessel Masters During Inspection	Article 65 – Evaluation	
Article 35 – Inspection Reports	<b>Chapter V - Joint Inspection Scheme</b>	<b>Chapter V - Joint Inspection Scheme</b>
Article 36 – Procedures to deal with Infringements	Article 29 – General Provisions	19 – Joint Inspection Scheme
Article 37 – Serious Infringements	Article 30 – Notification Requirements	
Article 38 – Enhanced Follow-Up with regard to certain Serious Infringements	Article 31 – Inspectors	
Article 39 – Follow up to Infringements	Article 32 – Surveillance Procedure	
Article 40 – Enforcement Measures	Article 33 – Inspection Procedure	
Article 41 – Treatment of Reports from Inspectors	Article 34 – Obligations of Vessel Masters During Inspection	
Article 42 – Report on Infringements	Article 35 – Inspection Reports	
Article 43 – Reports on Inspection and Surveillance Activities	Article 36 – Procedures to deal with Infringements	
Article 44 – Interpretation or Application	Article 37 – Serious Infringements	
<b>Chapter V – Port State Control</b>	Article 38 – Enhanced Follow-Up with regard to certain Serious Infringements	
Article 45 – Scope	Article 39 – Follow up to Infringements	
Article 46 – Duties of the Port State Contracting Party	Article 40 – Enforcement Measures	
Article 47 – Duties of the Flag State Contracting Party	Article 41 – Treatment of Reports from Inspectors	
Article 48 – Obligations of the Master of a Fishing Vessel	Article 42 – Report on Infringements	
Article 49 – Duties of the Executive Secretary	Article 43 – Reports on Inspection and Surveillance Activities	
Article 50 – Serious Infringements	Article 44 – Interpretation or Application	
<b>Chapter VI – NCP Scheme</b>	<b>Chapter VI – Port State</b>	<b>Chapter VI – Port</b>

	<b>Control</b>	<b>State Control</b>
Article 51 – Scope and Objectives	Article 45 – Scope	20 – Port State Measures
Article 52 – Sightings and Identifications of non-Contracting Party vessels /Presumption of NCP vessels	Article 46 – Duties of the Port State Contracting Party	
Article 53 – Inspections at Sea	Article 47 – Duties of the Flag State Contracting Party	
Article 54 – Entry and Inspection in Port	Article 48 – Obligations of the Master of a Fishing Vessel	
Article 55 – Fishing Activities	Article 49 – Duties of the Executive Secretary	
Article 56 – Notification of presumed IUU Activities and Establishment of a Provisional List	Article 50 – Serious Infringements	
Article 57 – Establishment of the IUU List	<b>Chapter VII – NCP Scheme</b>	<b>Chapter VII – NCP Scheme</b>
Article 58 – Follow-up Action	Article 51 – Scope and Objectives	21 - NCP's
Article 59 – vis-à-vis Flag States	Article 52 – Sightings and Identifications of non-Contracting Party vessels /Presumption of NCP vessels	
<b>Chapter VII – Electronic Reporting, Satellite Tracking and Observers</b>	Article 53 – Inspections at Sea	
Article 60 – Scope	Article 54 – Entry and Inspection in Port	
Article 61 – Implementation	Article 55 – Fishing Activities	
Article 62 – Daily Reports	Article 56 – Notification of presumed IUU Activities and Establishment of a Provisional List	
Article 63 – Data Collection/Compilation/Analysis	Article 57 – Establishment of the IUU List	
Article 64 – Costs	Article 58 – Follow-up Action	
Article 65 – Evaluation	Article 59 – vis-à-vis Flag States	
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	Annex XX (B)	
	Annex XX	
	Annex XXI	

### Annex IV Formats for Register of Vessels

Data Element	Code	Mandatory /Optional	Remarks
Start record	SR	M	System detail; indicates start of record
Address	AD	M	Message detail; destination, "XNW" for NAFO Secretariat
From	FR	M	Message detail; ISO-3 code of the transmitting Contracting Party
Record Number	RN	M	Message detail; message serial number in current year
Record Date	RD	M	Message detail; date of transmission
Record Time	RT	M	Message detail; time of transmission
Type of Message	TM	M	Message detail; message type, "NOT" as Notification of authorized vessels
Vessel Name	NA	M	Name of the vessel
Radio Call Sign	RC	M	International radio call sign of the vessel
Flag State	FS	M	State where the vessel is registered
Internal Reference Number	IR	O <sup>1</sup>	Unique Contracting Party vessel number as ISO-3 flag state code followed by number
External Registration Number	XR	M	The side number of the vessel
Port Name	PO	M	Port of registration or home port
Vessel Owner	VO	M <sup>2</sup>	Registered owner and address
Vessel Charterer	VC	M <sup>2</sup>	Responsible for using the vessel
Vessel Type	TP	M	FAO vessel code (Annex V.A)
Vessel Gear	GE	O	FAO statistical classification of fishing gear (Annex VI)
Vessel capacity measurement method	VT	M	Vessel capacity in pairs as needed "OC" "OSLO" Convention 1947, "LC" "London" Convention ICTM-69
tonnage		M	total capacity in tonnage
Vessel length measurement method	VL	M	Length in meters in pairs as needed "OA" overall; "PP" between perpendiculars
length		M	length in meters
Vessel Power measurement method	VP	M	Engine power in pairs as needed "KW" total installed engine power in vessel as kilowatts, "HP" total installed engine power as horsepower
Power		M	total installed engine power
Limited Authorization	LU	O	License detail; authorization subject to specific restrictions on operation in the R.A., "Yes" or "No"
End of record	ER	M	System detail; indicates end of the record

<sup>1</sup> Mandatory when used as a single identification in other messages.

<sup>2</sup> Whichever one is appropriate.

## Annex V Fishing Vessel Codes

### A. Main Vessel Types

FAO Code	Type of vessel	FAO Code	Type of vessel
<b>BO</b>	Protection vessel	<b>NOX</b>	Lift netter NEI
<b>CO</b>	Fish training vessel	<b>PO</b>	Vessel using pumps
<b>DB</b>	Dredger non continuous	<b>SN</b>	Seine netter
<b>DM</b>	Dredger continuous	<b>SO</b>	Seiner
<b>DO</b>	Beamer	<b>SOX</b>	Seiner NEI
<b>DOX</b>	Dredger NEI	<b>SP</b>	Purse seiner
<b>FO</b>	Fish carrier	<b>SPE</b>	Purse seiner european
<b>FX</b>	Fishing vessel NEI	<b>SPT</b>	Tuna purse seiner
<b>GO</b>	Gill netter	<b>TO</b>	Trawler
<b>HOX</b>	Mother ship NEI	<b>TOX</b>	Trawlers NEI
<b>HSF</b>	Factory mother ship	<b>TS</b>	Side trawler
<b>KO</b>	Hospital ship	<b>TSF</b>	Side trawler freezer
<b>LH</b>	Hand liner	<b>TSW</b>	Side trawler wetfish
<b>LL</b>	Long liner	<b>TT</b>	Stern trawler
<b>LO</b>	Liner	<b>TTF</b>	Stern trawler freezer
<b>LP</b>	Pole and line vessel	<b>TTP</b>	Stern trawler factory
<b>LT</b>	Troller	<b>TU</b>	Outrigger trawlers
<b>MO</b>	Multipurpose vessels	<b>WO</b>	Trap setter
<b>MSN</b>	Seiner hand liner	<b>WOP</b>	Pot vessels
<b>MTG</b>	Trawler drifter	<b>WOX</b>	Trap setters NEI
<b>MTS</b>	Trawler purse seiner	<b>ZO</b>	Fish research vessel
<b>ZOT</b>	Temporary Fish Research Vessel	<b>NB</b>	Lift netter tender
<b>DRN</b>	Drifnetter	<b>NO</b>	Lift netter

NEI = Not Elsewhere Identified

### B. Main vessel activities

Alpha Code	Category
<b>ANC</b>	Anchoring
<b>DRI</b>	Drifting
<b>FIS</b>	Fishing
<b>HAU</b>	Hauling
<b>PRO</b>	Processing
<b>STE</b>	Steaming
<b>TRX</b>	Trans-shipping on or off loading
<b>OTH</b>	Others - to be Specified

**Annex VIII**  
**Recording of Catch (Logbook Entries)**

FISHING LOGBOOK ENTRIES

Item of Information

Vessel name

Vessel nationality

Vessel registration number

Registration port

Types of gear used (separate record for different gear types)

Type of gear

Date - day

- month

- year

Position - latitude

- longitude

- statistical area

\*<sup>1</sup>No. of hauls during the 24-hour period

\*<sup>2</sup>No. of hours gear fished during the 24-hour period

Start and end times and positions, and catch (metric tonnes live weight) of any trial tow conducted in reference to Article 12, paragraph 3(c)

Species names (Annex II)

Daily catch of each species (metric tonnes live fresh weight)

Daily catch of each species for human consumption in the form of fish

Daily catch of each species for reduction

Daily discard of each species

Place(s) of transshipment

Date(s) of transshipment

Master's signature

Instructions:

\*<sup>1</sup> When two or more types of gear are used in the same 24-hour period, records should be separate for the different types.

\*<sup>2</sup> Please see Annex II for Species codes; Annex VI for applicable gear and attachment codes.

## Annex X

### Format for the Communication of Catches and Reports by Fishing Vessels

1) The sequence of messages that fishing vessels shall communicate electronically via the FMC to the Secretariat shall be as follows:

Report	Code	Requirements for the field
Catch on Entry	COE	6 hours in advance of the vessels entry into the RA.
Entry	ENT	The first position report from a vessel detected to be inside the RA.
Position	POS	Position report every hour
Catch	CAT	Reporting of catches; on a daily basis, for all species by Division.
Cross Boundary	COB	Reporting of catches; prior to crossing the boundary to 3L as appropriate.
Transshipment	TRA	Report on quantities to be on-loaded (receiving vessel) or off-loaded (donor vessel), for each transshipment.
Catch on Exit	COX	6 hours in advance of the vessels departure from the RA.
Exit	EXI	The first position report from a vessel detected to be outside the RA.
Port of Landing	POR	Report (receiving vessel) on catch onboard to be landed, for each landing after transshipment.

2) “Catch on ENTRY” report

Data Element	Field Code	Mandatory/Optional	Requirements for the field
Start record	SR	M	System detail; indicates start of record
From	FR	M	Name of transmitting Party
Address	AD	M	Message detail; destination, “XNW” for NAFO
Sequence Number	SQ	M	Message detail; serial number in current year
Type of Message	TM	M	Message detail; message type, “COE” as Catch on Entry report
Radio call sign	RC	M	Vessel registration detail; international radio call sign of the vessel
Trip Number	TN	O	Activity detail; fishing trip serial number in current year
Vessel Name	NA	O	Vessel registration detail; name of the vessel
Master Name	MA	M	Name of the master of vessel
External Registration Number	XR	O	Vessel registration detail; the side number of the vessel.
Latitude	LA	M	Activity detail; position at time of transmission
Longitude	LO	M	Activity detail; position at time of transmission
Relevant Area	RA	M	NAFO Division into which the vessel is about to enter
Date	DA	M	Message detail; date of transmission
Time	TI	M	Message detail; time of transmission
On Board	OB	M	Total round weight of fish by species on board upon entry into the Regulatory Area in kilograms rounded to the nearest 100 kilograms. Allow for several pairs of fields, consisting of species (FAO 3 alpha codes) + live weight in kilograms (until 9 digits), with each field separated by a space, e.g. //OB/speciesspaceweightspacspeciespaceweightspacspecies spaceweightspace//
Directed Species	DS	M	Main target species in the Regulatory Area. Allow several



## Attachment E

			species to be entered with the value separated by spaces e.g.//DS/speciesspacespeciesspacespecies//
End of record	ER	M	System detail; indicates end of the record

## 3) “Catch” report

Data Element	Field Code	Mandatory/Optional	Requirements for the field
Start record	SR	M	System detail; indicates start of record
Address	AD	M	Message detail; destination, “XNW” for NAFO
From	FR	M	Message detail; Address of the transmitting party (ISO-3)
Sequence Number	SQ	M	Message detail; serial number in current year
Type of Message	TM	M	Message detail; message type, “CAT” as Daily Catch report
Radio call sign	RC	M	Vessel registration detail; international radio call sign of the vessel
Trip Number	TN	O	Activity detail; fishing trip serial number in current year
Vessel Name	NA	O	Vessel registration detail; name of the vessel
Contracting Party Internal Reference Number	IR	O	Vessel registration detail; unique Contracting Party vessel number as ISO-3 flag state code followed by number
External Registration Number	XR	O	Vessel registration detail; the side number of the vessel.
Relevant Area	RA	M	Activity detail; NAFO Division
Latitude	LA	M <sup>1</sup>	Activity detail; position at time of transmission
Longitude	LO	M <sup>1</sup>	Activity detail; position at time of transmission
Catch  species live weight	CA	M	Activity detail; Catch retained onboard by species and by Division since last CAT report in kilograms rounded to the nearest 100 kilograms. Allow for several pairs of fields, consisting of species (FAO 3 alpha codes)+live weight in kilograms (until 9 digits), with each field separated by a space, e.g.//CA/speciesspaceweightspacspeciesspaceweightspace speciesspaceweightspace//
Chartering Flag	CH	M <sup>2</sup>	Flag of Chartering Contracting Party to which the catch must be allocated.
Days Fished	DF	M <sup>3</sup>	Activity detail; number of fishing days in the Regulatory Area since last CAT report, as appropriate
Date	DA	M	Message detail; date of transmission
Time	TI	M	Message detail; time of transmission
End of record	ER	M	System detail; indicates end of the record

<sup>1</sup> Optional if the vessel is subject to satellite tracking in accordance with Article 26(1).

<sup>2</sup> Mandatory if fishing activity under chartering agreement.

<sup>3</sup> By default, the normal reporting period should be 1 day

## 4) “Catch on crossing Boundary” 3L report (for PRA)

Data Element	Field Code	Mandatory/Optional	Requirements for the field
Start record	SR	M	System detail; indicates start of record
Address	AD	M	Message detail; destination, “XNW” for NAFO
From	FR	M	Message detail; Address of the transmitting party (ISO-3)
Sequence Number	SQ	M	Message detail; serial number in current year
Type of Message	TM	M	Message detail; message type, “COB” for Cross Boundary Catch report
Radio call sign	RC	M	Vessel registration detail; international radio call sign of the vessel
Trip Number	TN	O	Activity detail; fishing trip serial number in current year
Vessel Name	NA	O	Vessel registration detail; name of the vessel
Contracting Party Internal Reference Number	IR	O	Vessel registration detail; unique Contracting Party vessel number as ISO-3 flag state code followed by number
External Registration Number	XR	O	Vessel registration detail; the side number of the vessel.
Relevant Area	RA	M	Activity detail; NAFO Division entering from
Latitude	LA	M <sup>1</sup>	Activity detail; position at time of transmission

## Attachment E

Longitude	LO	M <sup>1</sup>	Activity detail; position at time of transmission
Catch	CA	M	Activity detail; Catch retained onboard by species and by Division since last CAT report in kilograms rounded to the nearest 100 kilograms. Allow for several pairs of fields, consisting of species (FAO 3 alpha codes)+live weight in kilograms (until 9 digits), with each field separated by a space, e.g. //CA/speciesspaceweightspacspeciespaceweightspacspeciespaceweightspac//
species live weight			
Area of entry	AE	M	Activity detail; NAFO Division entering into
Catch	OB	M	Activity detail; Cumulative catch retained on board by species in kilograms rounded to the nearest 100 kilograms, since commencement of fishing in the Regulatory Area. Allow for several pairs of fields, consisting of species (FAO 3 alpha codes)+live weight in kilograms (until 9 digits), with each field separated by a space, e.g. //OB/speciesspaceweightspacspeciespaceweightspacspeciespaceweightspac//
species live weight			
Days Fished	DF	M	Activity detail; number of fishing days in the Regulatory Area
Date	DA	M	Message detail; date of transmission
Time	TI	M	Message detail; time of transmission
End of record	ER	M	System detail; indicates end of the record

<sup>1</sup> Optional if the vessel is subject to satellite tracking in accordance with Article 26(1).

## 5) “TRANSHIPMENT” report

Data Element	Field Code	Mandatory /Optional	Requirements for the field
Start record	SR	M	System detail; indicates start of record
From	FR	M	Name of transmitting Party
Address	AD	M	Message detail; destination, “XNW” for NAFO
Sequence Number	SQ	M	Message detail; message serial number in current year
Type of Message	TM	M	Message detail; message type, “TRA” as Transhipment report
Radio call sign	RC	M	Vessel registration detail; international radio call sign of the vessel
Trip Number	TN	O	Activity detail; fishing trip serial number in current year
Vessel Name	NA	O	Vessel registration detail; name of the vessel
Name of Master	MA	O	Name of master of vessel
External Registration Number	XR	O	Vessel registration detail; the side number of the vessel
Quantity on-loaded or off-loaded	KG	M	Quantity by species in the Regulatory Area on-loaded or off-loaded in kilograms rounded to the nearest 100 kilograms. Allow for several pairs of fields, consisting of species (FAO 3 alpha codes)+live weight in kilograms (until 9 digits), with each field separated by a space, e.g.//KG/speciesspaceweightspacspeciespaceweightspacspeciespaceweightspac//
species live weight			
Transhipped To	TT	M <sup>1</sup>	Vessel registration detail; International radio call sign of the receiving vessel
Transhipped From	TF	M <sup>1</sup>	Vessel registration detail; International radio call sign of the donor vessel
Latitude	LA	M <sup>2</sup>	Activity detail; estimated latitude where the master intends to do the transhipment
Longitude	LO	M <sup>2</sup>	Activity detail; estimated longitude where the master intends to do the transhipment
Predicted Date	PD	M <sup>2</sup>	Activity detail; estimated date UTC when the master intends to do the transhipment (YYYYMMDD)
Predicted Time	PT	M <sup>2</sup>	Activity detail; estimated time UTC when the master intends to do the transhipment (HHMM)
Date	DA	M	Message detail; date of transmission
Time	TI	M	Message detail; time of transmission
End of record	ER	M	System detail; indicates end of the record

<sup>1</sup> Whichever one is appropriate.

## Attachment E

<sup>2</sup> Optional for reports sent by the receiving vessel after the transshipment.

### 6) "Catch on EXIT" report

Data Element	Field Code	Mandatory / Optional	Requirements for the field
Start record	SR	M	System detail; indicates start of record
Address	AD	M	Message detail; destination, "XNW" for NAFO
From	FR	M	Name of transmitting party
Sequence Number	SQ	M	Message detail; message serial number in current year
Type of Message	TM	M	Message detail; "COX" as Catch on Exit report
Radio call sign	RC	M	Vessel registration detail; international radio call sign of the vessel
Trip Number	TN	O	Activity detail; fishing trip serial number in current year
Vessel Name	NA	O	Vessel registration detail; name of the vessel
Master Name	MA	O	Name of master of vessel
External Registration Number	XR	O	Vessel registration detail; the side number of the vessel
Latitude	LA	O <sup>1</sup>	Activity detail; position at time of transmission
Longitude	LO	O <sup>1</sup>	Activity detail; position at time of transmission
Relevant Area	RA	M	NAFO area from which the vessel is about to exit
Catch  species live weight	CA	M	Activity detail; Catch retained onboard by species and by Division since last CAT report in kilograms rounded to the nearest 100 kilograms. Allow for several pairs of fields, consisting of species (FAO 3 alpha codes)+live weight in kilograms (until 9 digits), with each field separated by a space, e.g. //CA/speciesspaceweightspacspeciespaceweightspace speciesspaceweightspace//
Catch  species live weight	OB	M	Activity detail; Total round weight of fish by species on board upon exit from the Regulatory Area in kilograms rounded to the nearest 100 kilograms. Allow for several pairs of fields, consisting of species (FAO 3 alpha codes)+live weight in kilograms (until 9 digits), with each field separated by a space, e.g. //OB/speciesspaceweightspacspeciespaceweightspace speciesspaceweightspace//
Days Fished	DF	O	Activity detail; number of fishing days in the Regulatory Area
Date	DA	M	Message detail; date of transmission
Time	TI	M	Message detail; time of transmission
End of record	ER	M	System detail; indicates end of the record

<sup>1</sup> Optional if the vessel is subject to satellite tracking in accordance with Article 26(1).

### 7) "PORT OF LANDING" report

Data Element	Field Code	Mandatory/ Optional	Requirements for the field
Start record	SR	M	System detail; indicates start of record
From	FR	M	Name of transmitting Party
Address	AD	M	Message detail; destination, "XNW" for NAFO
Sequence Number	SQ	M	Message detail; serial number of the report from the vessel in the relevant year
Type of Message	TM	M	Message detail; message type, "POR"
Radio call sign	RC	M	Vessel registration detail; international radio call sign of the vessel
Trip Number	TN	O	Activity detail; fishing trip serial number in current year
Vessel Name	NA	O	Vessel registration detail; name of the vessel
Name of Master	MA	O	Name of master of vessel
External Registration Number	XR	O	Vessel registration detail; the side number of the vessel

## Attachment E

Latitude	LA	M <sup>1</sup>	Activity detail; position at time of transmission
Longitude	LO	M <sup>1</sup>	Activity detail; position at time of transmission
Coastal state	CS	M	Activity detail; coastal state of Port of Landing
Name of Port	PO	M	Activity detail; name of Port for landing
Predicted Date	PD	M	Activity detail; estimated date UTC when the master intends to be in port (YYYYMMDD)
Predicted Time	PT	M	Activity detail; estimated time UTC when the master intends to be in port (HHMM)
Quantity to be landed  species live weight	KG	M	Activity detail; Quantity by species in kilograms rounded to the nearest 100 kilograms, to be landed in a port. Allow for several pairs of fields, consisting of species (FAO 3 alpha codes)+live weight in kilograms (until 9 digits), with each field separated by a space, e.g.//KG/speciesspaceweightspace speciesspaceweightspacespeciesspaceweightspace//
Quantity on board  species live weight	OB	M	Activity detail; quantity by species in kilograms rounded to the nearest 100 kilograms on-board. Allow for several pairs of fields, consisting of species (FAO 3 alpha codes)+live weight in kilograms (until 9 digits), with each field separated by a space, e.g.//OB/speciesspaceweightspacespeciesspace weightspacespeciesspaceweightspace//
Date	DA	M	Message detail; UTC date of transmission
Time	TI	M	Message detail; UTC time of transmission
End of record	ER	M	System detail; indicates end of the record

<sup>1</sup>Optional if a vessel is subject to satellite tracking.

## Annex XII Surveillance Report Form

### THE NORTHWEST ATLANTIC FISHERIES ORGANIZATION SURVEILLANCE REPORT PART I

**AUTHORIZED INSPECTORS**

1. Name(s) ..... Document Identity No.(s).....  
.....  
.....  
Contracting Party .....
2. Identification/Call Sign of Surveillance Craft.....  
Patrol Commenced in NRA at Position (Lat/Long) .....on..... (Date/time-UTC)  
Patrol Terminated in NRA at Position (Lat/Long) .....on.....(Date/time-UTC)

**DETAILS OF VESSEL OBSERVED**

3. Contracting Party/Flag State .....
4. Vessels Name, Call Sign, Side Number (& IMO #).....
5. Other Identifying Features (Type of vessel, colour of hull, superstructure, etc.)  
.....  
.....
6. Date/Time-UTC When First Identified ..... Course & Speed .....
- Position When First Identified NAFO Division.....  
Lat. ....  
Long. ....  
Equipment used in Determining Position .....
7. Vessel Activity .....
8. Fishing Gear In Use.....
9. WEATHER CONDITIONS
- Wind Dir ..... Sea State .....
- Wind Speed ..... Visibility .....

**10. DETAILS OF IMAGES/PHOTOGRAPHS TAKEN**

Image Number	Date and Time	Position	Fishing Vessel Activity	Comments
1. ....	.....	.....	.....	.....
2. ....	.....	.....	.....	.....
3. ....	.....	.....	.....	.....
4. ....	.....	.....	.....	.....
5. ....	.....	.....	.....	.....

**PART II**

**(to be completed by the inspector not less than 72 hours following the observation recorded in Part I)**

**(NOT APPLICABLE TO NON-CONTRACTING PARTIES)**

I hereby certify that to date, in respect of the fishing vessel .....information received by the  
.....authorities from the competent authorities of the Contracting Party  
..... pursuant to **Articles 26 and 27** of the Conservation and Enforcement  
Measures, does not correspond with the observation recorded in Part I of this report.

Authorized Inspector: .....

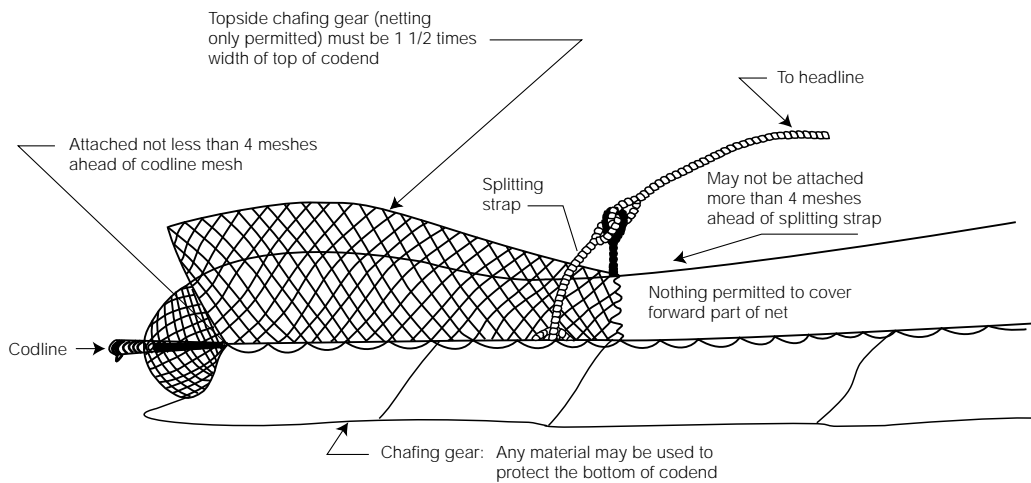
Signature: .....

## Annex XV Authorized Topside Chafers

### 1. ICNAF-type topside chafer

The ICNAF-type topside chafer is a rectangular piece of netting to be attached to the upper side of the codend of the trawl net to reduce and prevent damage so long as such netting conforms to the following conditions:

- (a) this netting shall have a mesh size not less than that specified for the codend in Article 13;
- (b) this netting may be fastened to the codend only along the forward and lateral edges of the netting and at no other place in it, and shall be fastened in such a manner that it extends forward of the splitting strap no more than four meshes and ends not less than four meshes in front of the cod line mesh; where a splitting strap is not used, the netting shall not extend to more than one-third of the codend measured from not less than four meshes in front of the cod line mesh;
- (c) the width of this netting shall be at least one and a half times the width of the area of the codend which is covered, such widths to be measured at right angles to the long axis of the codend.

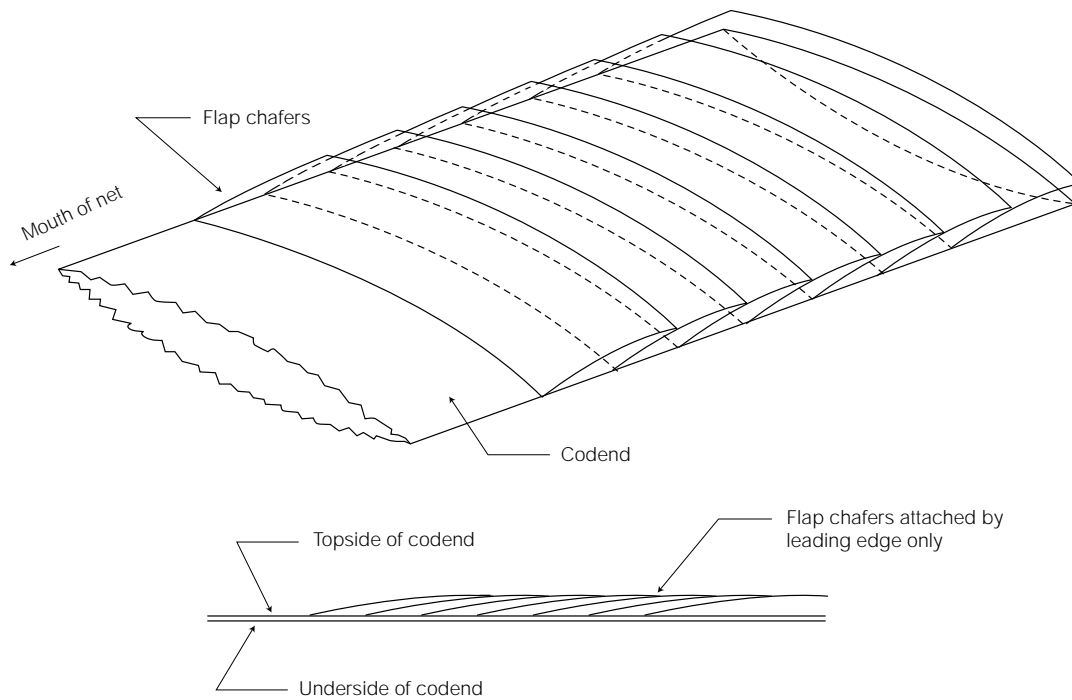


## Attachment E

### 2. Multiple flap-type topside chafer

The multiple flap-type topside chafer is defined as pieces of netting having in all their parts meshes the size of which, whether the pieces of netting are wet or dry, is not less than that of the codend, provided that:

- (i) each piece of netting
  - (a) is fastened by its forward edge only across the codend at right angles to its long axis;
  - (b) is of a width of at least the width of the codend (such width being measured at right angles to the long axis of the codend at the point of attachment); and
  - (c) is not more than ten meshes long; and
- (ii) the aggregate length of all the pieces of netting so attached does not exceed two-thirds of the length of the codend.

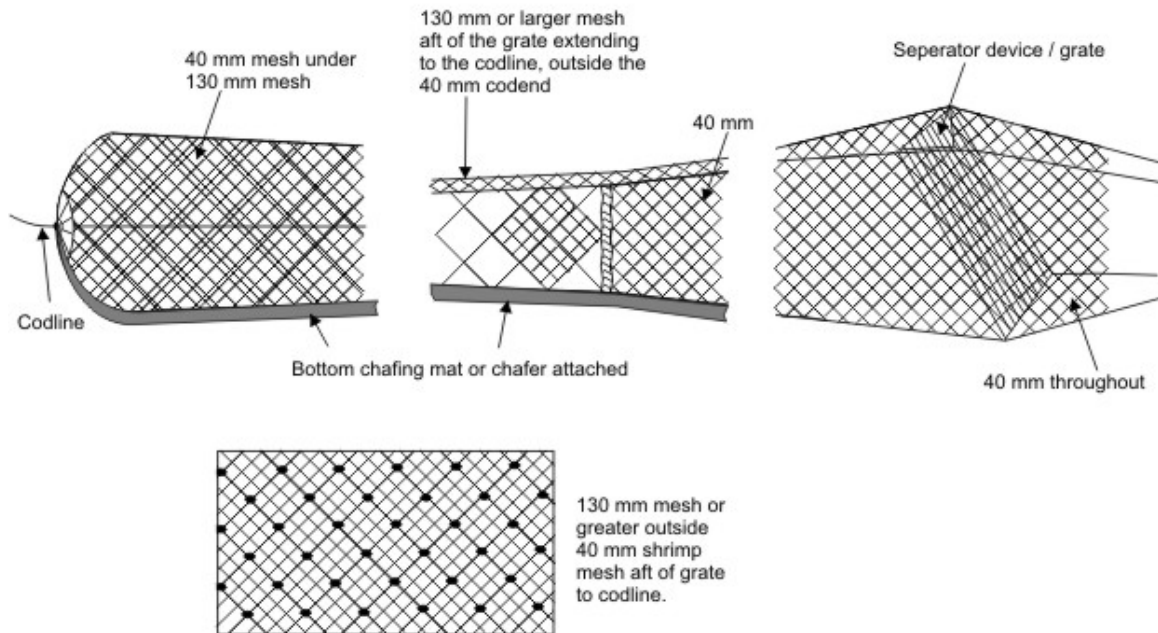


## Attachment E

### 3. Shrimp Trawl – Codend Strengthening Bag, for vessels directing for shrimp in the NRA

A strengthening bag is defined as an outer covering of netting that can be used on a shrimp trawl to protect and provide strength to the codend of the shrimp trawl.

- (a) Vessels shall not use a strengthening bag of which the mesh size is less than 130 millimeters.
- (b) The strengthening bag shall not extend forward of the sorting grids or grates or obstruct the sorting grids or grates in any way.
- (c) A strengthening bag shall not be attached in any way that restricts the authorized mesh or obstructs the mesh opening.
- (d) Vessels shall not use a strengthening bag with any other top-side chafers simultaneously.





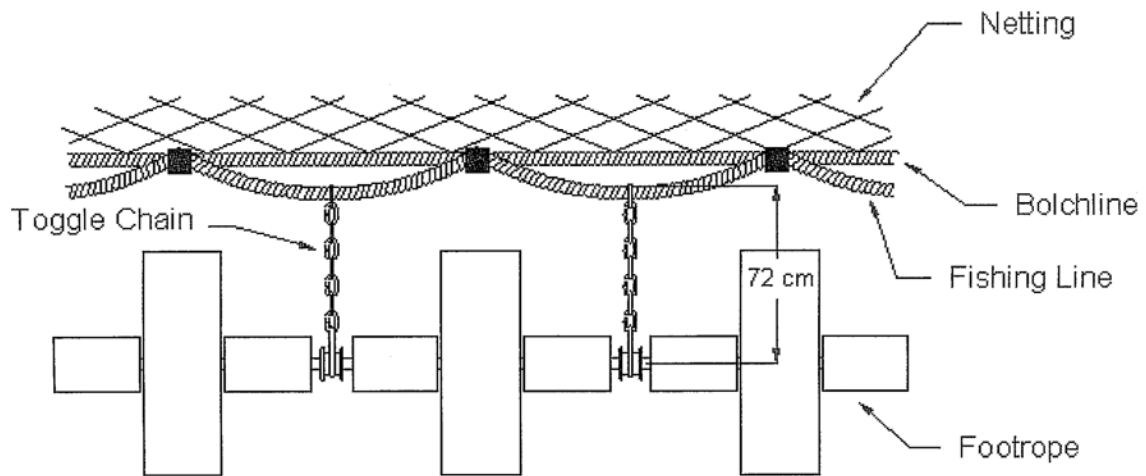
## Shrimp Toggle Chains

Toggle chains are chains, ropes, or a combination of both, which attach the footrope to the fishing line or bolchline at varying intervals.

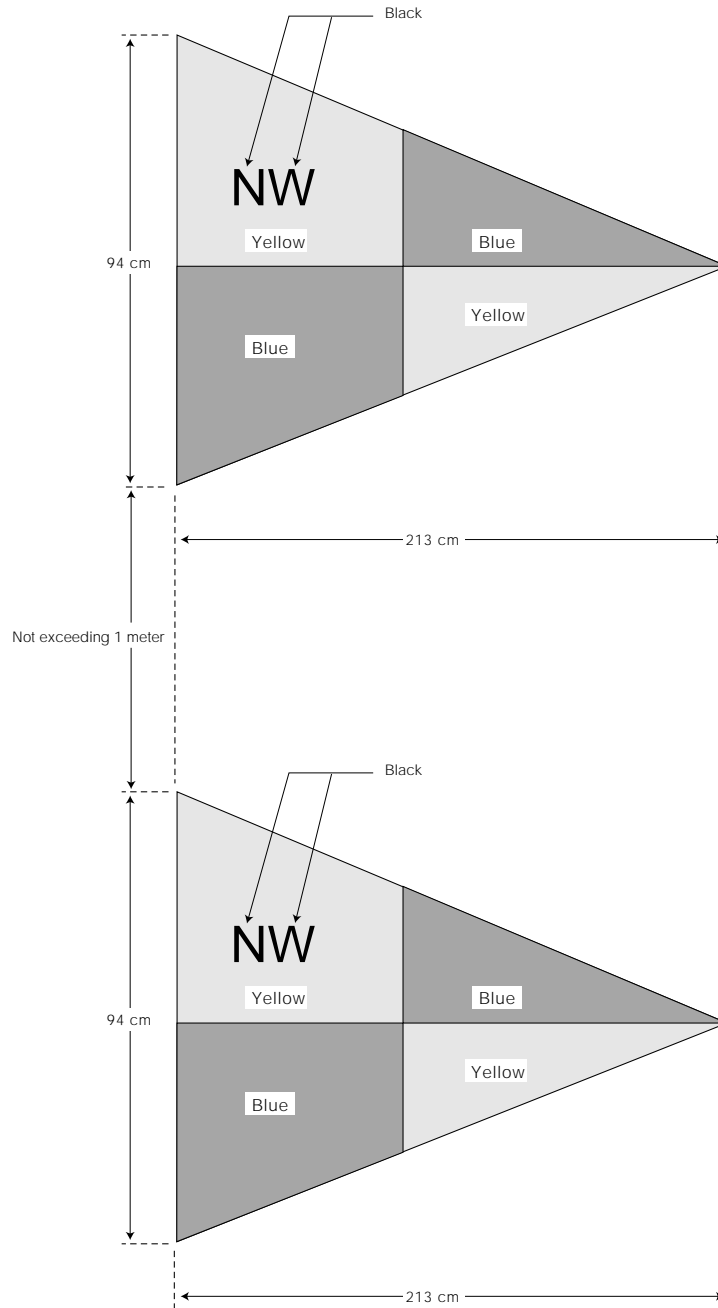
The terms “fishing line” and “bolchline” are interchangeable. Some vessels use one line only; others use both a fishing line and a bolchline as shown in the sketch.

The toggle chain length should be measured from the center of the chain or wire running through the footrope (center of footrope) to the underside of the fishing line.

The attached sketch shows how to measure the toggle and chain length.



### Annex XVII NAFO Inspection Pennants



Pennants to be displayed by a NAFO inspection vessel. A boarding vessel shall display one pennant, which may be half-size.

**Annex XVIII**  
**NAFO Inspection Seal**



The NAFO Inspection Seal shall be as follows:

Name	NAFO INSPECTION SEAL
Mark	"NAFO Inspection No. of six digits"
Material	polyethylene recyclable
Colour	orange
Melt index	6.70 + .60 (by international standard)
Density	953 + .003 (by international standard)
Breaking point (load)	min. 45 kg ( $\tau^{\circ}$ 20°C)

**Annex XX (a)**  
**Daily Catch Report/Observer Report**

Data to be reported by Masters and Observers as required under Chapter VII

1. Daily Catch Report – Chapter VII (CAX)

Data Element	Code	Mandatory / Optional	Remarks
Start record	SR	M	System detail; indicates start of record
Address	AD	M	Message detail; destination, “XNW” for NAFO
Sequence Number	SQ	M	Message detail; message serial number in current year
Type of Message	TM	M	Message detail; message type, “CAX” as Catch report
Radio call sign	RC	M	Vessel registration detail; international radio call sign of the vessel
Trip Number	TN	O	Activity detail; fishing trip serial number in current year
Vessel Name	NA	O	Vessel registration detail; name of the vessel
Contracting Party Internal Reference Number	IR	O	Vessel registration detail; unique Contracting Party vessel number as ISO-3 flag state code followed by number
External Registration Number	XR	O	Vessel registration detail; the side number of the vessel
Relevant Area	RA	M	Activity detail: NAFO Division
Latitude	LA	M <sup>1</sup>	Activity detail; position at time of transmission
Longitude	LO	M <sup>1</sup>	Activity detail; position at time of transmission
Daily Catches	CA		Activity detail; cumulative catch by species retained on board (exclusive of discards), either since commencement of fishing in R.A. <sup>2</sup> or last “Catch” report, in pairs as needed.
species		M	FAO species code
live weight		M	Live weight in kilograms, rounded to the nearest 100 kilograms
Discarding	RJ	M	Activity detail; discarded catch by species, either since commencement of fishing in R.A. <sup>2</sup> or last “Catch” report, in pairs as needed.
species			FAO species code
live weight			Live weight in kilograms, rounded to the nearest 100 kilograms
Undersize	US	M	Activity detail; undersize catch by species, either since commencement of fishing in R.A. <sup>2</sup> or last “Catch” report, in pairs as needed.
species			FAO species code
live weight			Live weight in kilograms, rounded to the nearest 100 kilograms
Date	DA	M	Message detail; date of transmission
Time	TI	M	Message detail; time of transmission
End of record	ER	M	System detail; indicates end of the record

1 Optional if a vessel is subject to satellite tracking

2 Meaning the first “Catch Report” in current fishing trip in the R.A.

Attachment E

2. Observer Report (OBR)

Data Element	Code	Mandatory / Optional	Remarks
Start record	SR	M	System detail; indicates start of record
Address	AD	M	Message detail; destination, “XNW” for NAFO
Sequence Number	SQ	M	Message detail; message serial number in current year
Type of Message	TM	M	Message detail; message type, “OBR” as Observer report
Radio call sign	RC	M	Vessel registration detail; international radio call sign of the vessel
Fishing Gear	GE	M	Activity detail; FAO code for fishing gear
Directed Species <sup>7</sup>	DS	M	Activity detail; FAO species code
Mesh Size	ME	M	Activity detail; average mesh size in millimeters
Relevant Area	RA	M	Activity detail; NAFO Division
Daily Catches	CA	M	Activity detail; cumulative catch by species retained on board, (exclusive of discards), either since commencement of fishing in R.A. <sup>2</sup> or last “Catch” report, in pairs as needed.
species live weight		M	FAO species code Live weight in kilograms, rounded to the nearest 100 kilograms
Discarding	RJ	M <sup>1</sup>	Activity detail; discarded catch by species, either since commencement of fishing in R.A. <sup>2</sup> or last “Catch” report, in pairs as needed.
species live weight			FAO species code Live weight in kilograms, rounded to the nearest 100 kilograms
Undersize	US	M <sup>1</sup>	Activity detail; undersize catch by species, either since commencement of fishing in R.A. <sup>2</sup> or last “Catch” report, in pairs as needed.
species live weight			FAO species code Live weight in kilograms, rounded to the nearest 100 kilograms
Log Book	LB	M	Activity detail; “Yes” or “No” <sup>3</sup>
Production	PR	M	Activity detail; code for the production. See Annex XX(c)
Hails	HA	M	Activity detail; observers verification if the reports made by the captain are correct, “Yes” or “No” <sup>4</sup>
Apparent Infringements	AF	M	Activity detail; “Yes” or “No” <sup>5</sup>
Observer Name	ON	M	Message detail; name of the observer signing the report
Date	DA	M	Message detail; date of transmission
Free Text	MS	O <sup>6</sup>	Activity detail; for further comments by the observer
Time	TI	M	Message detail; time of transmission
End of record	ER	M	System detail; indicates end of the record

1. Only to be transmitted if relevant
2. Meaning the first “Catch Report” in current fishing trip in the R.A.
3. “Yes” if the observer approves the Log Book entries by the captain
4. “Yes” if the observer approves the Hails transmitted by the captain
5. “Yes” if an infringement is observed
6. Mandatory if “LB” = “No”, or “HA” = “No”, or “AF” = “Yes”.
7. Directed species is the species which represents the greatest catch for that day

**Annex XX (b)  
Weekly Reports**

Data to be compiled by Executive Secretary and Forwarded to Inspection Parties

Catch and Catch Rate Report (Weekly)

Vessel Type	Division	Species	Total Catch	Total Effort	Catch Rate
With observer – Masters					
With observer – observer					
Without observer					

By-catch Report (Weekly)

Vessel Type	Division	Species	Total Catch	Total Overall Catch	By-Catch %
With observer – Masters					
With observer – observer					
Without observer					

Discards Report (Weekly)

Vessel Type	Division	Species	Total catch	Total Discards	Discard %
With observer – Masters					
With observer – observer					
Without observer					

**Annex XXI**  
**Product Form Codes**

<b>Code</b>	<b>Product form</b>
A	Round – Frozen
B	Round – Frozen (Cooked)
C	Gutted Head on – Frozen
D	Gutted Head Off - Frozen
E	Gutted Head Off – Trimmed – Frozen
F	Skinless Fillets – Bone in – Frozen
G	Skinless Fillets – Boneless – Frozen
H	Skin on Fillets – Bone in – Frozen
I	Skin on Fillets – Boneless – Frozen
J	Salted Fish
K	Pickled Fish
L	Canned Products
M	Oil
N	Meal Produced from Round Fish
O	Meal Produced from Offal
P	Other (Specify)

## **Suggested Annex restructuring designed to group Annexes by category**

### **Annex I Fisheries Management**

Annex I.A Annual Quota Table  
Annex I.B Effort Allocation Scheme for Shrimp Fishery in the NAFO Regulatory Area Division 3M, 2010  
Annex I C List of Species  
Annex I D Minimum Fish Size  
Annex I E Templates for the Exploratory Fishery Protocol for New Fishing Areas where fishing gear is likely to contact the seafloor

### **Annex II Reporting**

Annex II A Recording of Catch (Logbook Entries)  
Annex II B Rules on Confidentiality  
Annex II C Formats for Register of Vessels  
Annex II D Data Exchange Format and Protocols  
Annex II E VMS Data Format  
Annex II F Format for the Communication of Catches and Reports by Fishing Vessels  
Annex II G Daily Catch Report/Observer Report  
Annex II H Weekly Reports  
Annex II I Fishing Vessel Codes  
Annex II J Gear Codes  
Annex II K Product Form Codes  
Annex II L Port State Control Prior Notification Forms

### **Annex III Gear**

Annex III A Mesh Measurements and Gauges  
Annex III B Authorized Topside Chafers / Shrimp Toggle Chains

### **Annex IV Inspection**

Annex IV A Report of Inspection  
Annex IV B Surveillance Report Form  
Annex IV C Report on Port State Control Inspection  
Annex IV D Document of Identity  
Annex IV E NAFO Inspection Pennants  
Annex IV F NAFO Inspection Seal  
Annex IV G Construction and Use of Boarding Ladders