Northwest Atlantic Fisheries Organization

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ANNUAL COMPLIANCE REVIEW 2013
(Compliance Report for Fishing Year 2012)

1. Introduction

This compliance review is being undertaken in accordance with Rules 5.1 and 5.2 of the Fisheries Commission Rules of Procedure. The scope of the review is to determine how international fisheries complied with the annually updated NAFO Conservation and Enforcement Measures (NCEM) when fishing in the NAFO Regulatory Area (NRA), and assess the performance of NAFO Contracting Parties with regard to their reporting obligations. [1]

This review utilizes information for the years 2004 to 2012 from the following sources: vessel monitoring system (VMS) and hail messages delivered by the vessels (Vessel Transmitted Information – VTI), Port Inspection Reports, At-sea Inspection Reports and Reports on Dispositions of Apparent Infringements provided by the Contracting Parties, and Observer Reports sent to the Secretariat.

As discussed at the Intersessional Meeting of the Standing Committee on International Control (STACTIC) in May 2013, five new elements are included in this review, namely:

- Groundfish effort at various depth,
- Vessel activity in Vulnerable Marine Ecosystem (VME) closure areas,
- Shrimp vessels activity at depths less than 200 m,
- Vessel activity in areas where closure notice has been communicated (e.g. Redfish in Division 3M), and
- Reported catches of regulated and selected non-regulated species by Division.

2. Fishing effort and fishing trends in the NAFO Regulatory Area

NAFO identifies three main fisheries in its Regulatory Area: the groundfish (GRO - primarily in Div. 3KLMNO), shrimp (PRA - primarily in Div. 3LM) and pelagic redfish fisheries (REB - primarily in Div. 1F and 2J). Trawling operations account for more than 99% of the total fishing activity in the NRA.

In 2012, there were 57 fishing vessel spending a total of 5 510 days in the NAFO Regulatory Area (NRA) (Table 1). 161 trips were identified. Groundfish fishery accounted for 91.6% of the total fishing effort, shrimp for around 4.5%, and the pelagic redfish fishery for around 3.8%.

Although there was a decrease of about a third of the total number of days of the shrimp fishing effort in 2012 compared to the previous year, an overall 4% increase of the total fishing effort was observed (Table 1). The net increase could be attributed largely to the pelagic redfish fishery in 2012. Shrimp fishing effort in Division 3L has continued its decline since the 3M shrimp moratorium in 2010. The groundfish fishery effort increased at a modest 2.6%, and has remained at the 2006-2007 level (Fig. 1).

[1]For the purpose of this compliance analysis, only fishing trips which ended in 2012 were considered. 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 is unloaded or transhipped" (Article 1.7 of the 2013 NCEM).

Table 1. *2011-2012 Comparison of Fishing Effort in the NAFO Regulatory Area.*

Number of fishing vessels					Fishing effort (days present)				
Year	Groundfish (GRO)	Shrimp (PRA)	Pelagic Redfish (REB)	TOTAL	Year	Groundfish (GRO)	Shrimp (PRA)	Pelagic Redfish (REB)	TOTAL
2011	47	8	2	56	2011	4922	360	18	5300
2012	44	5	8	57	2012	5050	250	210	5510
% change	-6.4%	-37.5%	300.0%	1.8%	% change	2.6%	-30.6%	1066.7%	4.0%

For the period 2004-2012, the overall fishing activities in the NRA show a declining trend, from 134 active vessels in 2004 to 57 in 2012, representing a 58% decrease. The decline is even more pronounced in terms of overall fishing days, with a 67% decrease for the same period, from 16 480 days in 2004 in 5 510 days in 2012. The average number of days each vessel operates in the NAFO also declined from 123 days in 2004 to 97 days in 2012.

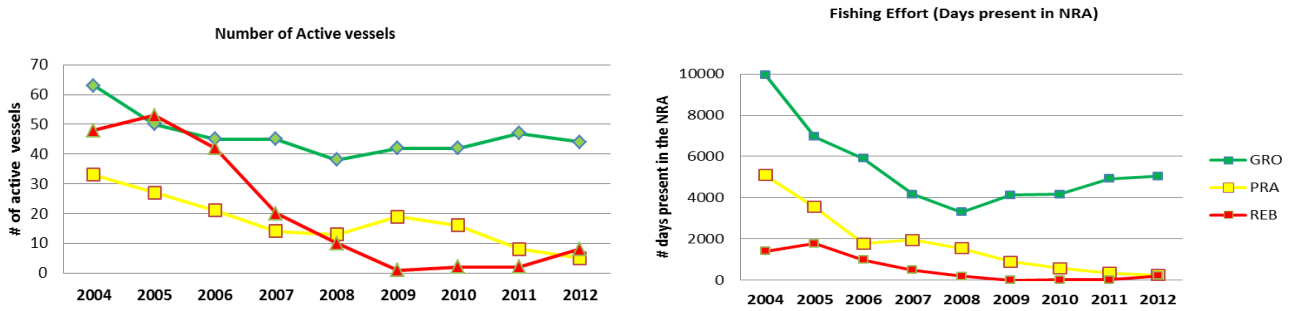

Figure 1. *The trend of fishing effort in the NAFO Regulatory Area in the period 2004-2011.*

Figure 1 illustrates the changes described above for each of the major fisheries. The general decline since 2004 is observed. The pelagic redfish fishery was being close to disappearance in 2009. Groundfish fishing effort has been steadily increasing since 2008. NAFO fisheries remain dominated by the groundfish category. Figure 2 illustrates the current effort distribution compared to the historical average. By 2012, the fishing effort contribution of shrimp fisheries was reduced to 4% largely due to the shrimp fishing moratorium established in 2011.

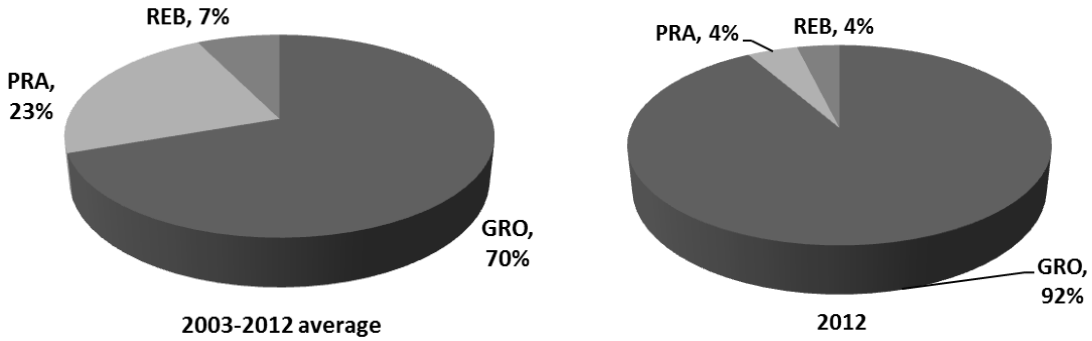

Figure 2. *Comparative fishing effort (days present) in the NAFO Regulatory Area*

Effort distribution by depth of groundfish vessels

The requirement of providing the speed and course information in the Vessel Monitoring System (VMS) reports facilitated the estimation of fishing effort in terms of fishing hours. Speeds between 0.5 and 5 knots were considered fishing speeds. In Figure 3, the distribution of fishing effort in hours of groundfish vessel is presented. With fishing depth range of greater than 700 m for Greenland halibut, Figure 3 suggests half of all groundfish effort is devoted to Greenland halibut fishing.

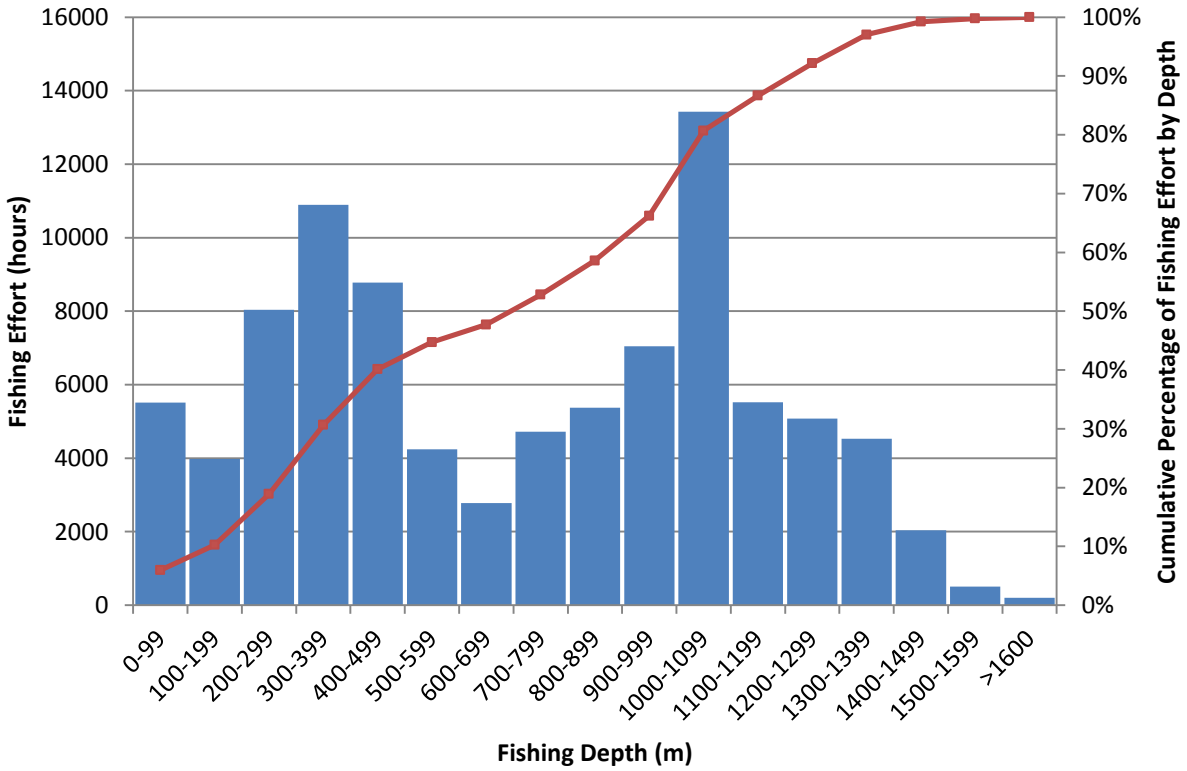

Figure 3. *Distribution of groundfish fishing effort by depth in the NRA in 2012 (Excludes 1F & 6G).*

3. Compliance by Fishing Vessels

Through the at-sea and port inspections, NAFO monitors, controls and conduct surveillance of the fisheries in the NRA exposing infringements of the NAFO regulations and collecting evidence for the following prosecution within the legal system of each NAFO flag State Contracting Party.

Position reporting – Vessel Monitoring System (VMS)

Vessels in the NRA are required to transmit position reports at one hour intervals. In addition, the course and speed information must be included in the position reports. Examination of the position reports revealed that vessels were compliant to this requirement. The position reports were received by the Secretariat in practically real-time through the Fisheries Monitoring Centres (FMC) of individual flag States. When technical difficulties were encountered by the vessels in complying with the position reporting requirements, the position reports were transmitted electronically by email and promptly entered into the VMS database by the Secretariat. In cases of technical difficulties, VMS reports can be transmitted at least once every four hours. Generally, the technical issues were resolved at most within a few days through the coordination and communication between the Secretariat and the FMCs. The timeliness of submission of position

reports was not an issue since VMS reports were being received by the Secretariat and CPs with inspection presence in real-time through satellite technology.

With an estimated total fishing effort of 5 510 vessel-days, the expected number of VMS reports is 132,240. A total of 130,209 VMS position reports within the vessel-days were received in 2012 (98.5%).

Activity and catch reporting– Vessel Transmitted Information (VTI): Catch-on-Entry, Catch-on-Exit, Daily Catches

Catch quantities on board upon entry to (COE) and exit from (COX) the NRA must be reported for each fishing trip. While fishing in the NRA, fishing vessels are required to transmit daily catch notifications (CAT) detailing catch quantities by species and division. Catch reports are transmitted through the same technology and communication channel as the transmission of VMS (positions) reports. (See section *Vessel Transmitted Information (VTI) – Catch-on-Entry (COE), Catch-on Exit (COX), Daily catch reports (CAT)* below.)

Daily catch reports are not limited to regulated (under quota or moratorium) species. Non-regulated species are also reported (Table 2).

Table 2. *Total reported catches (in tons) of regulated and selected non-regulated species (Source: CAT reports).*

Division Species (FAO 3-aplha code)	1F	2H	2J	3L	3M	3N	3O	?
Regulated								
COD				125.2	9098.0	614.8	212.2	86.2
GHL				6219.8	1891.3	1162.5	28.3	29.2
HKW				11.4	11.8	12.4	81.8	0.1
PLA				99.7	125.2	895.4	160.6	1.7
PRA				2223.8	6.0			
REB	2905.6	69.6	3.0					11.9
RED				1769.2	7569.4	1747.5	6597.8	234.0
SKA				128.3	178.4	4432.8	100.7	2.0
SQI						0.3	3.1	
WIT				99.9	117.3	210.1	119.5	1.0
YEL				0.4	2.6	1815.3	52.7	0.2
Unregulated								
CAT				132.1	37.9	60.8	13.8	0.5
RHG				674.8	498.1	116.7	5.5	35.0
RNG				329.8	255.9	169.0	1.2	

Vessel activity after 3M redfish 100%-TAC notification

The fish stock 3M redfish is the only regulated stock which Total Allowable Catch (TAC) is considerably less than the sum of the individual quotas. Contracting Parties depend on the update of the total uptake for them to be able to prevent exceeding the TAC. Therefore the Secretariat closely monitors the TAC uptake of this stock.

On 13 August 2012, the Secretariat notified that the accumulated catch of this stock has reached 98% of the 6500-t TAC. Figure 4 shows the total daily catches and the percentage cumulative catch derived from CAT reports. The fishing vessels continued to conduct directed fishery of this stock for few days after the notification. Before the end of the month, retention ceased by which time the accumulated catch exceeded 10% of the TAC.

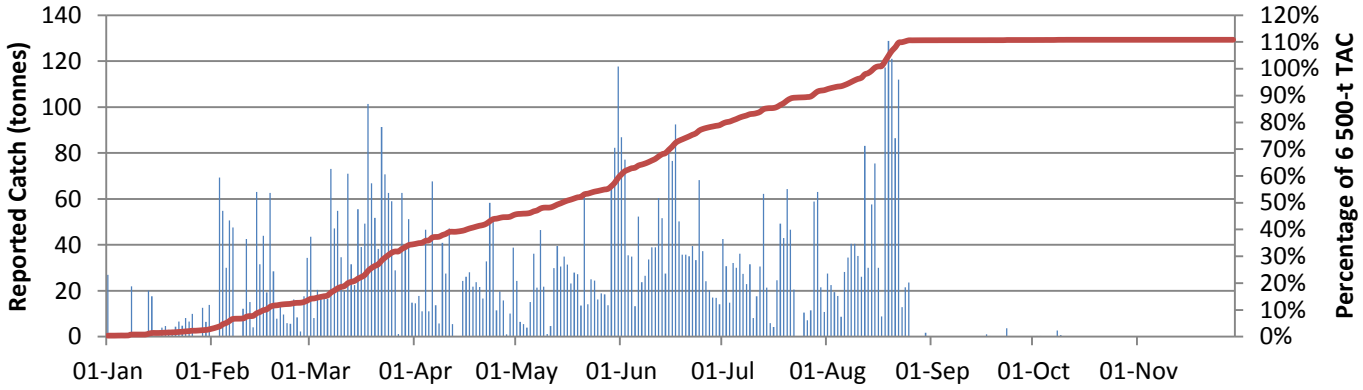

Figure 4. *Daily 3M redfish catches of all vessels in 2012.*

Shrimp vessels

Shrimp in Division 3M has been under moratorium since 2010. The GIS analysis of the VMS and VTI reports revealed that the moratorium is being respected. All fishing were confined in Division 3L. According to Article 9.7 of the NCEM, no vessel shall fish at the depth less than 200 meters. Figure 5 confirms that shrimp vessels complied with this regulation. Fishing was conducted at depths 200-400m.

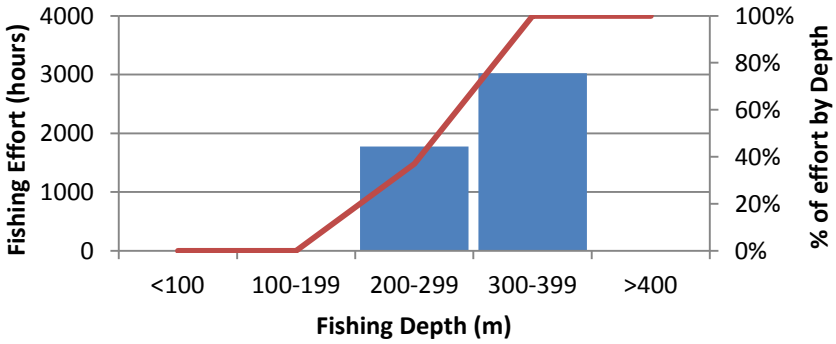

Figure 5. *Distribution of shrimp fishing effort by depth in the NRA in 2012*

Closed areas and Exploratory Fisheries

Since 2007, in total 18 areas in NAFO have been closed to bottom fishing including 11 significant coral and sponge areas, one coral protection zone and six seamounts. The conservation and enforcement measures concerning the protection of the VMEs are stipulated in Chapter II of the NCEM.

An examination of the VMS position reports revealed that all the closed areas were respected. Fishing activities were generally confined within the footprint, except for one vessel which fished in Division 6G (in the environs of the closed Corner Seamounts) in five days in July 2012 (Fig. 6). The exploratory fishing was done in accordance with Article 18, Chapter II of the NCEM. According to the trip report, 14 hauls were made and the total fishing effort was 49.3 hours using a bottom trawl and a pelagic trawl. This exploratory fishing trip is still in the process of evaluation by the Scientific Council in accordance with Article 21.3 of the 2013 NCEM.

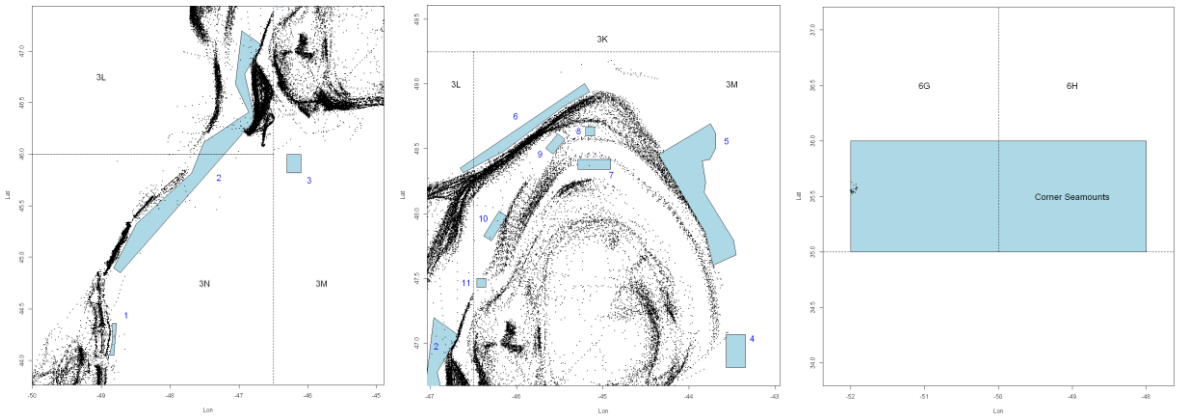

Fig. 6. *VMS position plots of all vessels (at speed 0.5- 5.0 knots) in the NAFO Regulatory Area in 2012 in relation to closed areas.*

Catch reporting on sharks

Fishing for the purpose of collecting shark fins is prohibited under Article 12 of the 2013 NCEM. Sharks species taken in NAFO fisheries are not associated with shark fining practices, and there has never been an incident of shark fining observed in the NRA.

It has been noted that there has been a lack of species-specific reporting of shark catches in the NRA. In this regard, it became a requirement in 2012 to report, the extent possible, all shark catches at the species level (Article 25.3 NCEM).

All 2012 CAT reports were examined. Except for the shortfin mako, all sharks catches were not reported to the species levels. 99.45% of all shark catches were reported dogfishes (Table 3). It is not known how many species of shark were lumped into DGX and SHX.

Table 3. *Amount of shark catches (in tons) as reported in CATs.*

FAO 3-Alpha Code	English name	Reports catches in 2012 (from CATs)	Percentage
DGX	DOGFISHES (NS)	184.5	99.45%
SHX	LARGE SHARKS (NS)	0.9	0.49%
SMA	SHORTFIN MAKO SHARK	0.1	0.06%

At-sea inspections

The NAFO Joint Inspection and Surveillance Scheme is implemented to ensure management and enforcement measures are complied with by fishing vessels fishing in the NRA. Inspectors are appointed by Contracting Parties and assigned to fishery patrol vessels tasked to carry out NAFO inspection duties at sea (Chapter VI of NCEM).

The total number of at-sea inspections dropped from 200 in 2011 to193 in 2012. With the increase of total fishing effort (from 5300 days in 2011 to 5510 days in 2012), inspection rate (number of inspections/fishing effort) decreased from 3.8% in 2011 to 3.3% in 2012. For first time since 2008, at-sea inspectors were able to conduct at-sea inspections on pelagic redfish vessels. Although there is no target for at-sea inspection rates, the overall inspection rate has decreased to 3.3%.

Ten apparent infringements (AI) were detected by the at-sea inspectors and the AI citations were issued to nine vessels (see below for details).

Figure 7 on inspection rates indicates that in 2012 at-sea inspections were carried out in proportion to the fishing effort for each of the fishery type, suggesting equal treatment and equitable distribution of inspections.

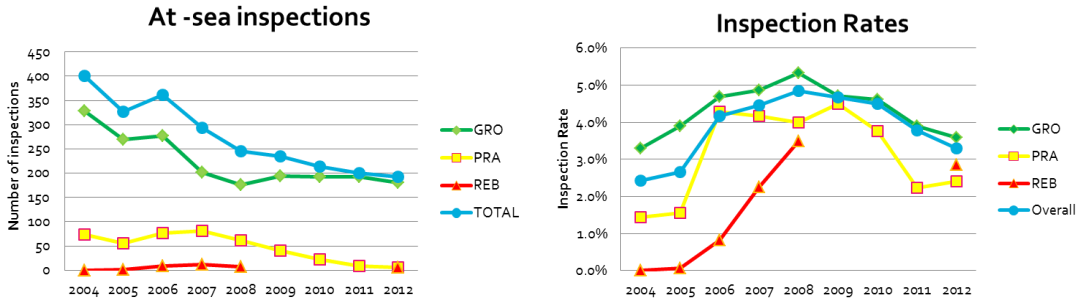

Figure 7. *Number of At-Sea Inspections and Inspection rates (number of at-sea inspection/vessel-days) in the NAFO Regulatory Area by fishery type.*

Port inspections

Prior to 2009, port State Contracting Parties were required to conduct port inspections on all vessels landing or transhipping fish species from the NRA, i.e. 100% coverage. Since the adoption of the Port State Control measures in 2009, the 100% coverage has been maintained for vessels landing NAFO species under recovery plans, in particular Greenland halibut. When landing catch species not under recovery plans, port inspections are not required if the vessel flag State Contracting Party and the port State Contracting Party are the same; if the flag State and the port State are different, the latter is required to conduct port inspections only 15 % of the time.

Traditionally, port inspections also serve to confirm AIs that were detected by at-sea inspections. In some occasions port inspectors issue citations of AIs to vessels, which were not detected by the at-sea inspectors. In 2012, 100 port inspection reports were received by the Secretariat, 89 of which were associated with groundfish (e.g. Greenland halibut and Atlantic cod) landings. Some AIs were issued by port State authorities in 2012 (see below for details).

Citation rates

The annual citation rate (the ratio of the number of inspection reports with AI citations and the total number of inspection reports) for at-sea inspections ranges between 2.0 in 2008 and 6.1 in 2005. In 2012, the citation rate for at-sea inspections was 4.7%. The citation rate for port inspections ranges between 15.2 in 2007 and zero in 2010 and 2011. With two port inspection reports issuing apparent infringements (AI), the citation rate for port inspections was at 2% in 2012 (Figure 8).

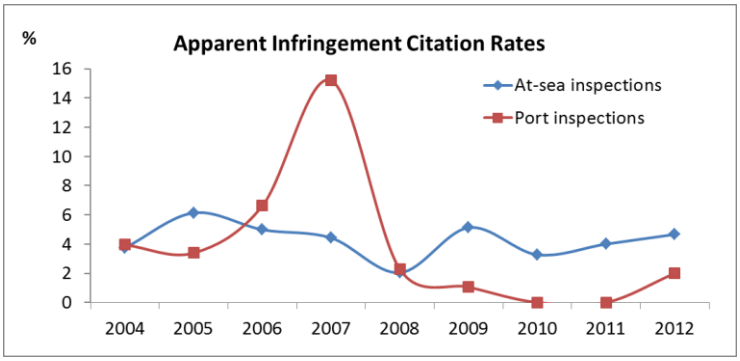

Figure 8. *Percentage of inspections that resulted in a citation at sea and in port*

Apparent infringements

Each citation issued by at-sea or port inspectors can list one or more apparent infringements (AI). Article 38 of the 2013 NCEM listed fifteen kinds AI's considered serious. In 2012, sixteen AI's were detected, ten of which by at- sea inspectors. For the first time since 2009, port authorities detected and cited AIs on vessels landing their products. The nature of the AIs ranges from expired capacity plans (considered non-serious) to evidence tampering (considered serious). Eleven distinct vessels were involved. Table 4 shows the details of the AIs issued to fishing vessels in 2012. The most frequent cases of AI concerns product labelling and capacity plans. Of note is the citation of a port authority to a vessel with multiple serious AIs, which prompted the concerned CP to initiate an IUU case against the vessel.

Figure 9 shows the evolution of the total number of AIs that have been issued at-sea and in port for each year since 2004. Figure 10 shows the composite list of AIs and the frequency of cases since 2004.

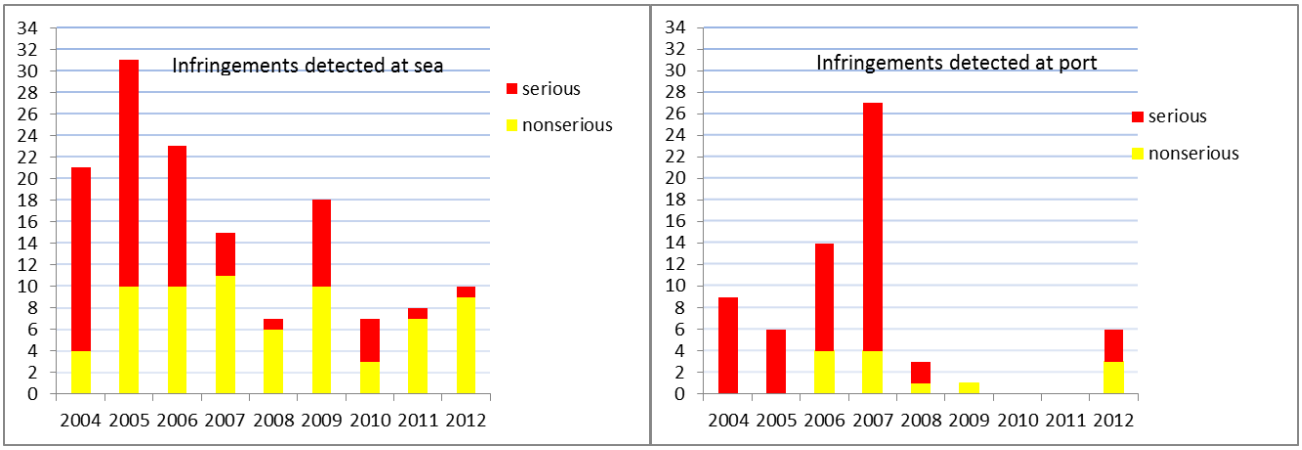

Figure 9. *Serious and non-serious AIs detected by NAFO at-sea and port inspectors for 2004-2012.*

Table 4. *Details of Apparent Infringements (AI) detected in 2012by at-sea inspectors and port authorities.*

AI#	Vessel Code	Inspection Date	Division or Port Location	Directed Species (according to COE)	Apparent Infringement	Serious AI? As considered by inspectors	Article (2012 NCEM)	Descriptive (from AI Statement Report or Follow-up report)	Disposition/Followup/update as of 30Jul2013, in compliance with Art. 37 of the 2012 NCEM	STATUS as of 30July2013, as reported by flag States or CPs
1	11	14-Nov-11	3N	RED	Quotas Requirements- Retaining fish (3M cod) after closure of the fishery.	No	Art.3.2. Art. 5.2 in 2012 CEM)	Retaining fish (3M cod) after closure of the fishery.	Investigation revealed that cod was a bycatch of redfish, and the vessel moved away.	closed
2	11	14-Nov-11	3N	RED	VMS Requirements - Daily CAX transmissions	No	Art. 62.1	Failing to provide daily CAX when there is no observer on board.	Investigation revealed that the techincal problem was resolved. All CAX was eventaully transmitted.	closed
3	9	27-Dec-11	3L	RED GHL SKA PRA	Quotas - Retaining fish (3M cod) after closure of the fishery.	No	Art.3.2. Art. 5.2 in 2012 CEM)	Retaining fish (3M cod) after closure of the fishery.	Master received a written warning.	closed
4	5	03-Feb-12	3L	GHL RED PRA	Product labelling	No	Art. 24	Failing to clearly mark product as having being caught in the Regulatory Area; failing to clearly mark Greenland halibut harvested in accordance with the stock areas - 3LMNO.	Case initiated 12.12.2012. Waiting proposal of resolution.	pending
5	2	25-Feb-12	3O	RED COD GHL	Vessel Requirement - Capacity Plans	No	Art. 22	Vessel's capacity plan certification had not been renewed.	Under Investigation	pending
6	7	09-Apr-12	3M	COD	Vessel Requirement - Capacity Plans	No	Art. 22	Not having a valid capacity plan	Owner given a rebrief regarding his responsibilities.	closed
7	**3**	**25-Jun-12**	**3N**	**GHL RED HKW RNG SKA**	**Mis-recoding of catches - inaccurate recording**	**Yes**	**Art. 25.1b**	**The inspector's estimate of the processed catch of RED onboard was determined to be 47.759 t, as compared to the master's logged production figures of 59.972 t. a difference of 12.214 t or 20.36%**	**After full investigation at Port of Vigo (with presence of CAN and CE), the AI was not verified. No process has been issued.**	**Closed**
8	10	30-Jul-12	1F	REB	Vessel Requirement - Capacity Plans	No	Art. 22	Vessel capacity plan was last certified on Feb 2005.	The master was fined 10 000 rubles by Russian fisheries authorities for this infringement.	closed
9	8	28-Sep-12	3L	PRA	Product labelling	No	Art. 24	Not fully fulfilled the requirements of Article 24 -- para 1 and 2 of NCEM.	Master received a written strong warning.	closed
10	1	21-Nov-12	3O	SKA GHL RED COD HKW	Product labelling	No	Art. 24	Not having product labels securely affixed.	Under Investigation	pending
11	**6**	**10-Aug-12**	**Port of Vigo**	**RED**	**Mis-recording of catches**	**Yes**	**Art. 35.1.i; Reg 1224/2009 Art. 14.3**	**Infringements were found relating to the following CEM Articles: 35.1.i, 35.1.l, 35.1.n, 25.1.h and 10.5.e.**	**IUU case being inititated in accordance to EU legistlation**	**pending**
12	**6**	**10-Aug-12**	**Port of Vigo**	**RED**	**Inspection Protocol**	**Yes**	**Art. 35.1.l; LEY 3/2001 Art 100 c)**	**Infringements were found relating to the following CEM Articles: 35.1.i, 35.1.l, 35.1.n, 25.1.h and 10.5.e.**	**IUU case being inititated in accordance to EU legistlation**	**pending**
13	6	10-Aug-12	Port of Vigo	RED	Stowage plans	No	Art. 25.1.h; Reg 1386/2007 Art 19.2.b	Infringements were found relating to the following CEM Articles: 35.1.i, 35.1.l, 35.1.n, 25.1.h and 10.5.e.	IUU case being inititated in accordance to EU legistlation	pending
14	**6**	**10-Aug-12**	**Port of Vigo**	**RED**	**Evidence tampering**	**Yes**	**Art. 35.1.n.**	**Infringements were found relating to the following CEM Articles: 35.1.i, 35.1.l, 35.1.n, 25.1.h and 10.5.e.**	**IUU case being inititated in accordance to EU legistlation**	pending
15	6	10-Aug-12	Port of Vigo	RED	Greenland halibut measures	No	Art. 10.5.e.	Infringements were found relating to the following CEM Articles: 35.1.i, 35.1.l, 35.1.n, 25.1.h and 10.5.e.	IUU case being inititated in accordance to EU legistlation	pending
16	4	04-Dec-12	Port Marin Pontevera	GHL RED HKW RNG SKA	Product labelling	No	Art. 24.2; LEY 3/2001 Art. 11.2	YEL labels	Case initiated. Waiting proposal of resolution.	pending

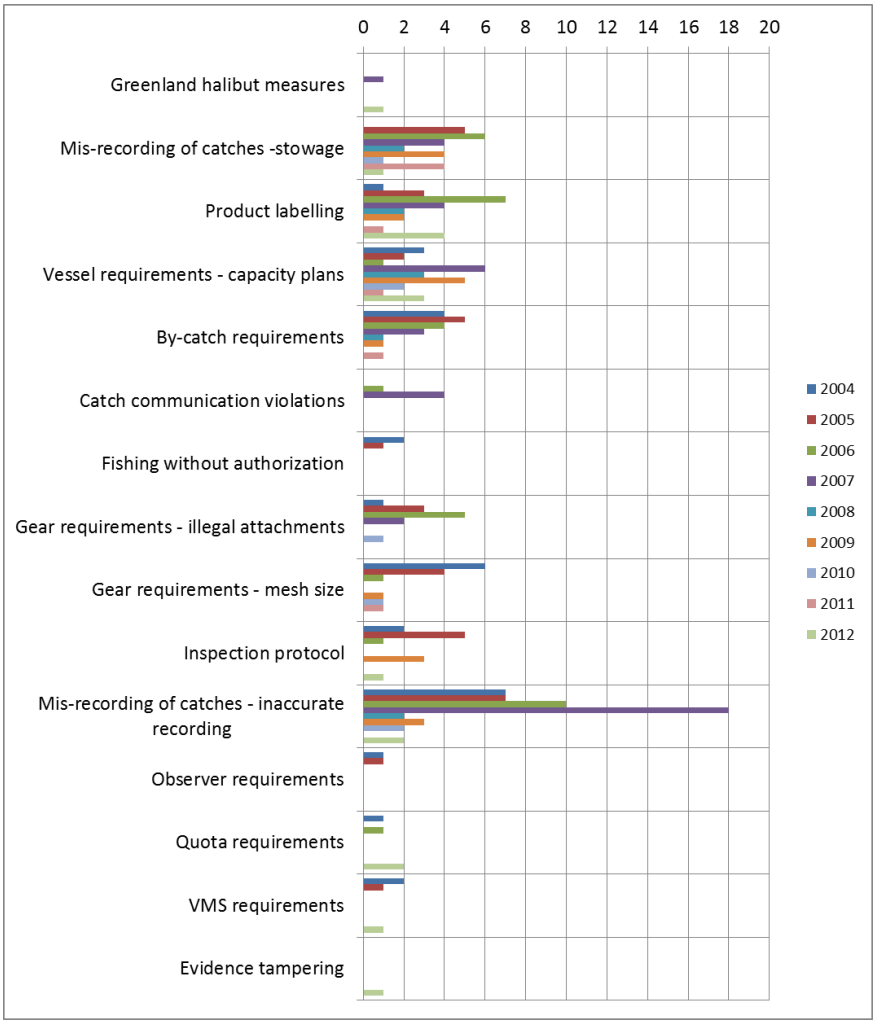

Figure 10. *Frequency of AI cases detected by NAFO at-sea and port inspectors in 2004 -2012.*

4. Reporting obligations by NAFO Contracting Parties and Observers

The NCEM obliges vessels and Contracting Parties to provide reports on their activity within a determined time frame. The completeness and regular delivery of those reports in time are of key importance to evaluating overall compliance. In evaluating the completeness, reports were examined to determine which fishing trips were covered by the reports. Each fishing trip must have VTI and Observers reports; vessels landing Greenland halibut must have port inspection reports. The percentage coverage is computed as a ratio of fishing days accounted for by the reports and total fishing days effort in the NRA. Less than 100% coverage suggests that there were missing reports that should have been received by the Secretariat.

Vessel Transmitted Information (VTI) – Catch-on-Entry (COE), Catch-on Exit (COX), Daily catch reports (CAT)

The FMCs of flag States are responsible in transmitting the VTI reports to the Secretariat (see also section *Activity and catch reporting* above). The COE and COX are transmitted signifying the start and end of a fishing trip. A 100% coverage would mean that all expected COEs are paired up with all expected COXs. A trip with a missing COE or COX would not account for the number of days of a fishing trip in the NRA. There were 161 identified fishing trips. 160 COEs and 158 COXs were received accounting for 5304 out of the total 5510 days, or 96.3% coverage (see Fig 11).

5749 CATs were received, more than the total effort of 5510 vessel days. This indicates that vessels which fished in two or more Divisions in a day transmitted multiple reports, consistent with the requirement that fishing vessels shall report daily their catches by species and by Divisions. The CAT reports have proven to be useful in monitoring quota uptakes of the Contracting Parties.

Port inspection reports

When vessels land their catches, the port inspectors report on the quantity of catches as well as the fishing trip details. However, the port inspection is not mandatory for all landings from NAFO fisheries: compulsory port inspections are required for any vessel landing species subject to a NAFO recovery plan, and for 15 % of landings by vessels of another Contracting Party, on an annual basis, in accordance with the Port State Measures adopted in 2009.

To evaluate the compliance of port State authorities in conducting inspections, only trips with Greenland halibut onboard at the end of the trip were considered. The identification of these trips was done by examining COX reports. Of the 161 fishing trips identified, COXs of 101 fishing trips indicated Greenland halibut on board. Of the 101 fishing trips (4556 days effort), 79 have corresponding port inspection reports (3450 days effort) --- a 76% coverage (see Fig. 11).

Observer reports

Under the traditional scheme, vessels are required to have an independent compliance observer on board at all times in every fishing trip (Article 30.A of the 2013 NCEM). Since 2007, Contracting Parties have the option of the electronic reporting scheme. Under this "electronic" scheme, CPs may allow their vessels to have observers onboard only 25% of the time the vessels are on a fishing trip (Article 30.B of the 2013 NCEM). CPs must give prior notification to the Secretariat which vessels participate in the electronic scheme.

Observers in the "traditional" scheme" are committed to deliver within 30 days after their assignment period their observer report, which contains information on date of fishing trip as well as catch and effort. Observers under the "electronic scheme" are required to report daily the catches and discards (OBR) while the fishing master transmits the daily catch reports (CAT) every trip. The CAT and OBR reports are transmitted through the same technology and communication channels as the VMS.

As in the port inspection reports, percentage coverage was computed as the ratio of the fishing days accounted for by the observers and the total fishing days in the NRA. In 2012, the percentage coverage was 86%, i.e. only 4 762 out of 5 510 days were covered by observer reports and CAX/OBR reports (see Fig. 11).

Observer reports may be crosschecked with port inspection reports, for relevant fishing trips, for a comparative analysis of catches. According to Article 27.A, the observers shall record, among others, the catch and effort data for each haul. The Secretariat has noted that not all observers' reports contain the required information on catch and effort on a haul by haul basis.

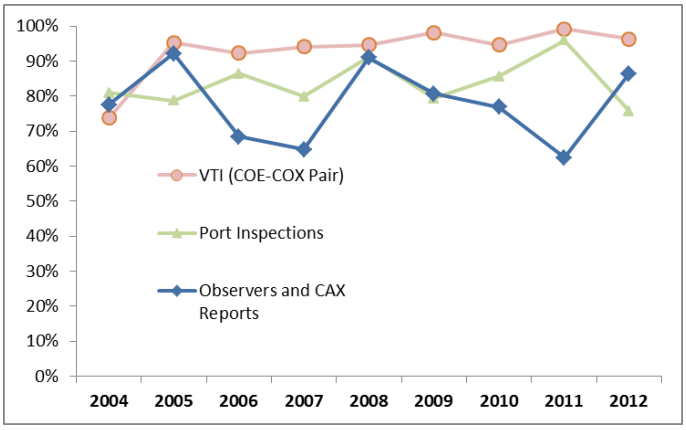

Figure 11. *Percentage coverage of fishing effort by VTI (COE-COX Pairs), Port Inspection and Observer Reports as a measure of compliance to report submission requirements.*

Timeliness of submission of reports

The timeliness of reports submitted to the NAFO Secretariat is an important issue: VMS messages are required to be provided every hour; hail messages at each entry and exit from the NRA as well catch reports on a daily basis (VTI); observers and at-sea inspection reports are expected to be submitted within 30 days and port inspection reports (PSC3 forms) should be sent to the Executive Secretary "without delay." For the purpose of timeliness analysis, PSC 3 forms, as well as at-sea inspection reports received more than 30 days after the date of inspection were considered late. VMS and VTI messages were not included in the timeliness analysis as they are received practically in real time through satellite technology.

Figure 12 shows the timeliness of submission of at sea inspection, observer and port inspection reports. Less than half of the number of observer reports was received on time (17%). Timeliness in the submission of at-sea and port inspection reports was 86% and 52%, respectively.

At-sea and port inspection reports containing citations of infringements were always transmitted to the Secretariat without delay.

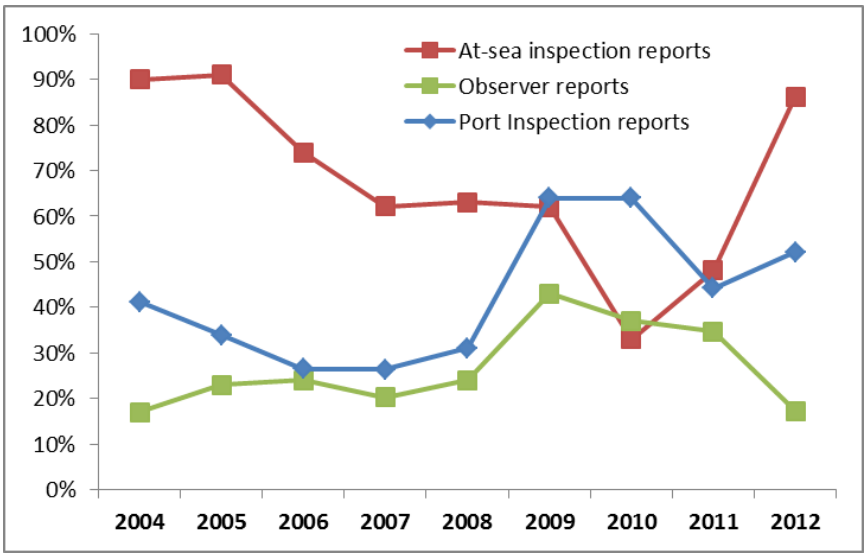

Figure 12. *Timeliness of submission of reports.*

5. Follow-up to infringements

Contracting Parties are obligated to follow-up with further investigations and legal prosecution when NAFO inspectors issue a citation against a Contracting Party vessel (Article 39 of the 2013 NCEM). In 2012, sixteen (16) AIs were detected and issued in eleven (11) separate at-sea and port inspections. Of the 11, six were already resolved and two are still pending. Details of the AIs and the follow-up actions are presented in Table 4.

According to Article 40 of the 2013 NCEM, the status of each AI case must be reported to the Secretariat annually until the case is resolved, since the legal procedure can take longer than one year due to of the legal procedures in force in each Contracting Party. There has been an improvement in the last three years (2010 -2012) in the CP's compliance to Article 40 as follow-up actions to all AI were reported to the Secretariat. During this current compliance review period, one pending case first reported in 2009 and four pending cases first reported in 2010 and one pending case first reported in 2011 are now considered closed as fines and sanctions to the offending vessel have been applied. Table 5 presents the summary of the status of AI cases in the last five years and their resolution.

Table 5. *Legal resolution of citations against vessels fishing in the NAFO Regulatory Area by year in which the citations were issued (as of August 2013). A citation is an inspection report (from at-sea or port inspectors) that lists one or more infringements. Inspections carried out for confirming a previous citation are not included.*

Year	Number of Reports with AI Citation/s	Resolved cases		Pending cases	No follow-up information from CPs
		Number	%		
2008	8	5	63%	3	0
2009	13	7	54%	3	3
2010	7	7	100%	0	0
2011	8	7	88%	1	0
2012	11	6	55%	5	0
Total	**47**	**32**	**68%**	**12**	**3**

6. Observed Trends and Conclusions

- General Trends
  - Although fishing effort has steadily declined since 2004, it has stabilized at 5000 days in the NRA. Fishing effort slightly increased in 2012 to 5500 days. In parallel, the number of fishing vessels have leveled out at 50 vessels per annum.
  - The shrimp fishery in 3L continues to gradually decline from 360 days in 2011 to 250 days in 2012. The number of vessels active in the shrimp fishery has declined from 8 vessels in 2011 to 5 vessels in 2012.
  - Although effort in the shrimp fishery continues to decline, overall fishing effort in the NRA has been diverted to the groundfish fishery.
  - There has been a re-emergence of the Pelagic Redfish fishery (REB). A total of 8 vessels participated in 2012 (versus 2 vessels in 2011).
- Additional data elements compiled provided the following information for compliance review:
  - Based on VMS reports for 2012, closed areas are being respected.
  - Based on VTI reports for 2012, 3M redfish exceeded the 6500 t TAC in 2012.
  - Based on VMS positional reports and VTI, the 3M Shrimp fishery moratorium is being respected.
  - Based on CAT reports, total reported catches of regulated and unregulated species by division provides a detailed summary of catch in the NRA.
  - Analysis of the groundfish effort by water depth has indicated that 50% of the fishing effort is in water depths greater than 700m. This is consistent with a directed Greenland halibut fishery.
  - Based on water depth, shrimp fishing effort complies with NCEM requirements to not fish at depths less than 200 meters
- Inspections and Apparent Infringements
  - The number of at sea inspections has reduced from 401 in 2004 to 193 in 2012. The inspection rate has increased from 2.4% in 2004 to 3.3% in 2012 (dropping slightly from 3.8% in 2011).
  - Port inspection coverage of landings remains high due to the high number of landings of species subjected to a recovery plan (100% inspection required), particularly groundfish.
  - Apparent infringements detected at sea increased slightly in 2012. This was mainly non serious and administrative in nature.
  - In 2012, there was increase of Apparent Infringements detected in port. The last apparent infringement in port was detected in 2009.

7. Annexes: Tables used to generate some tables and figures in the Report

Table 1. Submission of Fishing Reports*

Year	Days at the Regulatory Area (Effort)	Number of Days accounted by COE-COX pairs	Percentage of Effort accounted by COE-COX pairs	Number of Days accounted by Port Inspection	Percentage of Effort accounted by Port Inspection and TRA reports	Number of Days accounted by Observer and CAX reports	Percentage of Effort accounted by Observer and OBR reports
2004	16480	12156	74%	13327	81%	12779	78%
2005	12290	11706	95%	9679	79%	11326	92%
2006	8663	7991	92%	7488	86%	5921	68%
2007	6598	6210	94%	5269	80%	4276	65%
2008	5054	4785	95%	4613	91%	4596	91%
2009	5016	4920	98%	3981	79%	4047	81%
2010	4768	4510	95%	4084	86%	3665	77%
2011	5300	5254	99%	4442	96%	3310	62%
2012	5510	5304	96%	3450	76%	4762	86%

*COE = Catch on entry, COX = Catch on exit, TRA = transshipment, CAX = Daily catch report

Table 2. Timely submission of Port Inspection Reports

Year	2004	2005	2006	2007	2008	2009	2010	2011	2012
Total Number of Port Inspection Reports received	228	177	151	125	133	94	101	95	99
Total Number of Port Inspection Reports received late	134	117	111	92	92	34	36	53	45
Percentage % of late Port Inspection Reports	59%	66%	74%	74%	69%	36%	36%	56%	45%

NB. Copy of Port Inspection reports (PSC 3) must be forwarded to the Secretariat by the port States without delay (Art. 43 of 2013 NCEM).

Table 3. Timely submission of At-Sea Inspection Reports

Year	2004	2005	2006	2007	2008	2009	2010	2011	2012
Total Number of at-sea Inspections	401	326	361	296	263	324	215	206	195
Number of at-sea Inspections received late	40	30	95	112	96	124	144	107	27
Percentage % of late at-sea Inspection Reports	10%	9%	26%	38%	37%	38%	67%	52%	14%

NB At-sea inspection reports must be forwarded to the flag State Contracting Party, if possible within 30 days of the inspection (Article 36.3a of the 2013 NCEM).

Table 4. Timely submission of Observer Reports

Year	2004	2005	2006	2007	2008	2009	2010	2011	2012
Total Number of Observers Reports	211	170	114	84	126	86	76	72	104
Number of Observers Reports received late	176	131	87	67	96	49	48	47	86
Percentage % of late Observers Reports	83%	77%	76%	80%	76%	57%	63%	65%	83%

NB. Copy of Observer reports must be forwarded to the Secretariat by the observers within 30 days after their assignment (Article 30 a.2.g of the 2013 NCEM)

Table 5-2004, part 1. Effort, at-sea inspections and AIs by fisheries type

Fisheries*	GRO	PRA	REB	Total
Number of vessels	63	33	48	134**
Days Present in NRA	9966	5100	1414	16480
Number of at-sea inspections	328	73	0	401
Number of at-sea inspection report containing citation of one or more AIs	13	2	0	15
Number of vessels cited with AIs at sea	10	2	0	12
AIs issued by category - from at-sea inspections***				
Greenland halibut measures	0	0	0	0
Mis-recording of catches -stowage	0	0	0	0
Product labeling	0	1	0	1
Vessel requirements - capacity plans	3	0	0	3
By-catch requirements	3	0	0	3
Catch communication violations	0	0	0	0
Fishing without authorization	0	1	0	1
Gear requirements - illegal attachments	1	0	0	1
Gear requirements - mesh size	5	0	0	5
Inspection protocol	2	0	0	2
Mis-recording of catches - inaccurate recording	1	0	0	1
Observer requirements	0	1	0	1
Quota requirements	1	0	0	1
VMS requirements	0	2	0	2
TOTAL	16	5	0	21

* GRO = groundfish primarily in Divs. 3KLMNO; PRA = shrimp fisheries in Divs. 3LM; REB = redfish in Divs. 1F2J

** Some vessels switched directed species within the year.

*** AIs from citation reports serving to confirm an incident are not counted. AI categories in bold are considered serious.

Table 5-2004, part 2. Effort, port inspections and AIs by fisheries type

FISHERIES*	GRO	PRA	REB	Total
Number of vessels	63	33	48	134**
Days Present in NRA	9966	5100	1414	16480
Number of port inspections	85	138	5	228
Number of port inspection report containing citation of one or more AIs	9	0	0	9
Number of vessels cited with AIs by port authorities	9	0	0	9
AIs issued by category - from port inspections***				
Greenland halibut measures	0	0	0	0
Mis-recording of catches -stowage	0	0	0	0
Product labeling	0	0	0	0
Vessel requirements - capacity plans	0	0	0	0
By-catch requirements	1	0	0	1
Catch communication violations	0	0	0	0
Fishing without authorization	1	0	0	1
Gear requirements - illegal attachments	0	0	0	0
Gear requirements - mesh size	1	0	0	1
Inspection protocol	0	0	0	0
Mis-recording of catches - inaccurate recording	6	0	0	6
Observer requirements	0	0	0	0
Quota requirements	0	0	0	0
VMS requirements	0	0	0	0
TOTAL	9	0	0	9

Table 5-2005, part 1. Effort, at-sea inspections and AIs by fisheries type

FISHERIES*	GRO	PRA	REB	Total
Number of vessels	50	27	53	116**
Days Present in NRA	6948	3558	1784	12290
Number of at-sea inspections	270	55	1	326
Number of at-sea inspection report containing citation of one or more AIs	16	4	0	20
Number of vessels cited with AIs at sea	14	3	0	17
AIs issued by category - from at-sea inspections***				
Greenland halibut measures	0	0	0	0
Mis-recording of catches -stowage	5	0	0	5
Product labeling	2	1	0	3
Vessel requirements - capacity plans	2	0	0	2
By-catch requirements	2	0	0	2
Catch communication violations	0	0	0	0
Fishing without authorization	0	1	0	1
Gear requirements - illegal attachments	2	1	0	3
Gear requirements - mesh size	3	0	0	3
Inspection protocol	3	1	0	4
Mis-recording of catches - inaccurate recording	5	1	0	6
Observer requirements	0	1	0	1
Quota requirements	0	0	0	0
VMS requirements	0	1	0	1
TOTAL	24	7	0	31

* GRO = groundfish primarily in Divs. 3KLMNO; PRA = shrimp fisheries in Divs. 3LM; REB = redfish in Divs. 1F2J

** Some vessels switched directed species within the year.

*** AIs from citation reports serving to confirm an incident are not counted. AI categories in bold are considered serious.

Table 5-2005, part 2. Effort, port inspections and AIs by fisheries type

FISHERIES*	GRO	PRA	REB	Total
Number of vessels	50	27	53	116**
Days Present in NRA	6948	3558	1784	12290
Number of port inspections	80	87	10	177
Number of port inspection report containing citation of one or more AIs	6	0	0	6
Number of vessels cited with AIs by port authorities	6	0	0	6
AIs issued by category - from port inspections***				
Greenland halibut measures	0	0	0	0
Mis-recording of catches -stowage	0	0	0	0
Product labeling	0	0	0	0
Vessel requirements - capacity plans	0	0	0	0
By-catch requirements	3	0	0	3
Catch communication violations	0	0	0	0
Fishing without authorization	0	0	0	0
Gear requirements - illegal attachments	0	0	0	0
Gear requirements - mesh size	1	0	0	1
Inspection protocol	1	0	0	1
Mis-recording of catches - inaccurate recording	1	0	0	1
Observer requirements	0	0	0	0
Quota requirements	0	0	0	0
VMS requirements	0	0	0	0
TOTAL	6	0	0	6

Table 5-2006, part 1. Effort, at-sea inspections and AIs by fisheries type

FISHERIES*	GRO	PRA	REB	Total
Number of vessels	45	21	42	92**
Days Present in NRA	5908	1776	979	8663
Number of at-sea inspections	277	76	8	361
Number of at-sea inspection report containing citation of one or more AIs	11	5	2	18
Number of vessels cited with AIs at sea	10	4	2	16
AIs issued by category - from at-sea inspections***				
Greenland halibut measures	0	0	0	0
Mis-recording of catches -stowage	5	1	0	6
Product labeling	1	2	0	3
Vessel requirements - capacity plans	1	0	0	1
By-catch requirements	2	0	0	2
Catch communication violations	0	0	0	0
Fishing without authorization	0	0	0	0
Gear requirements - illegal attachments	2	2	1	5
Gear requirements - mesh size	0	0	1	1
Inspection protocol	0	1	0	1
Mis-recording of catches - inaccurate recording	4	0	0	4
Observer requirements	0	0	0	0
Quota requirements	0	0	0	0
VMS requirements	0	0	0	0
TOTAL	15	6	2	23

* GRO = groundfish primarily in Divs. 3KLMNO; PRA = shrimp fisheries in Divs. 3LM; REB = redfish in Divs. 1F2J

** Some vessels switched directed species within the year.

*** AIs from citation reports serving to confirm an incident are not counted. AI categories in bold are considered serious.

Table 5-2006, part 2. Effort, port inspections and AIs by fisheries type

FISHERIES*	GRO	PRA	REB	Total
Number of vessels	45	21	42	92**
Days Present in NRA	5908	1776	979	8663
Number of port inspections	76	56	19	151
Number of port inspection report containing citation of one or more AIs	10	0	0	10
Number of vessels cited with AIs by port authorities	10	0	0	10
AIs issued by category - from port inspections***				
Greenland halibut measures	0	0	0	0
Mis-recording of catches -stowage	0	0	0	0
Product labeling	4	0	0	4
Vessel requirements - capacity plans	0	0	0	0
By-catch requirements	2	0	0	2
Catch communication violations	1	0	0	1
Fishing without authorization	0	0	0	0
Gear requirements - illegal attachments	0	0	0	0
Gear requirements - mesh size	0	0	0	0
Inspection protocol	0	0	0	0
Mis-recording of catches - inaccurate recording	6	0	0	6
Observer requirements	0	0	0	0
Quota requirements	1	0	0	1
VMS requirements	0	0	0	0
TOTAL	14	0	0	14

Table 5-2007, part 1. Effort, at-sea inspections and AIs by fisheries type

FISHERIES*	GRO	PRA	REB	Total
Number of vessels	45	14	20	76**
Days Present in NRA	4158	1948	488	6594
Number of at-sea inspections	202	81	11	294
Number of at-sea inspection report containing citation of one or more AIs	4	5	4	13
Number of vessels cited with AIs at sea	4	5	4	13
AIs issued by category - from at-sea inspections***				
Greenland halibut measures	0	0	0	0
Mis-recording of catches -stowage	3	1	0	4
Product labeling	0	1	0	1
Vessel requirements - capacity plans	0	2	4	6
By-catch requirements	0	0	0	0
Catch communication violations	0	0	0	0
Fishing without authorization	0	0	0	0
Gear requirements - illegal attachments	0	1	1	2
Gear requirements - mesh size	0	0	0	0
Inspection protocol	0	0	0	0
Mis-recording of catches - inaccurate recording	2	0	0	2
Observer requirements	0	0	0	0
Quota requirements	0	0	0	0
VMS requirements	0	0	0	0
TOTAL	5	5	5	15

* GRO = groundfish primarily in Divs. 3KLMNO; PRA = shrimp fisheries in Divs. 3LM; REB = redfish in Divs. 1F2J

** Some vessels switched directed species within the year.

*** AIs from citation reports serving to confirm an incident are not counted. AI categories in bold are considered serious.

Table 5-2007, part 2. Effort, port inspections and AIs by fisheries type

FISHERIES*	GRO	PRA	REB	Total
Number of vessels	45	14	20	76**
Days Present in NRA	4158	1948	488	6594
Number of port inspections	67	51	7	125
Number of port inspection report containing citation of one or more AIs	19	0	0	19
Number of vessels cited with AIs by port authorities	16	0	0	16
AIs issued by category - from port inspections***				
Greenland halibut measures	1	0	0	1
Mis-recording of catches -stowage	0	0	0	0
Product labeling	3	0	0	3
Vessel requirements - capacity plans	0	0	0	0
By-catch requirements	3	0	0	3
Catch communication violations	4	0	0	4
Fishing without authorization	0	0	0	0
Gear requirements - illegal attachments	0	0	0	0
Gear requirements - mesh size	0	0	0	0
Inspection protocol	0	0	0	0
Mis-recording of catches - inaccurate recording	16	0	0	16
Observer requirements	0	0	0	0
Quota requirements	0	0	0	0
VMS requirements	0	0	0	0
TOTAL	27	0	0	27

Table 5-2008, part 1. Effort, at-sea inspections and AIs by fisheries type

FISHERIES*	GRO	PRA	REB	Total
Number of vessels	38	13	10	60**
Days Present in NRA	3302	1551	201	5054
Number of at-sea inspections	176	62	7	245
Number of at-sea inspection report containing citation of one or more AIs	2	3	0	5
Number of vessels cited with AIs at sea	2	3	0	5
AIs issued by category - from at-sea inspections***				
Greenland halibut measures				0
Mis-recording of catches -stowage	1	1		2
Product labeling	1			1
Vessel requirements - capacity plans		3		3
By-catch requirements	1			1
Catch communication violations				0
Fishing without authorization				0
Gear requirements - illegal attachments				0
Gear requirements - mesh size				0
Inspection protocol				0
Mis-recording of catches - inaccurate recording				0
Observer requirements				0
Quota requirements				0
VMS requirements				0
TOTAL	3	4	0	7

* GRO = groundfish primarily in Divs. 3KLMNO; PRA = shrimp fisheries in Divs. 3LM; REB = redfish in Divs. 1F2J

** Some vessels switched directed species within the year.

*** AIs from citation reports serving to confirm an incident are not counted. AI categories in bold are considered serious.

Table 5-2008, part 2. Effort, port inspections and AIs by fisheries type

FISHERIES*	GRO	PRA	REB	Total
Number of vessels	38	13	10	60**
Days Present in NRA	3302	1551	201	5054
Number of port inspections	70	60	2	132
Number of port inspection report containing citation of one or more AIs	3	0	0	3
Number of vessels cited with AIs by port authorities	2			
AIs issued by category - from port inspections***				
Greenland halibut measures				0
Mis-recording of catches -stowage				0
Product labeling	1			1
Vessel requirements - capacity plans				0
By-catch requirements				0
Catch communication violations				0
Fishing without authorization				0
Gear requirements - illegal attachments				0
Gear requirements - mesh size				0
Inspection protocol				0
Mis-recording of catches - inaccurate recording	2			2
Observer requirements				0
Quota requirements				0
VMS requirements				0
TOTAL	3	0	0	3

Table 5-2009, part 1. Effort, at-sea inspections and AIs by fisheries type

FISHERIES*	GRO	PRA	REB	Total
Number of vessels	41	20	1	51**
Days Present in NRA	4122	889	5	5016
Number of at-sea inspections	194	40	0	234
Number of at-sea inspection report containing citation of one or more AIs	8	4	0	12
Number of vessels cited with AIs at sea	6	4	0	10
AIs issued by category - from at-sea inspections***				
Greenland halibut measures				0
Mis-recording of catches -stowage	4			4
Product labeling	1			1
Vessel requirements - capacity plans	3	2		5
By-catch requirements	1			1
Catch communication violations				0
Fishing without authorization				0
Gear requirements - illegal attachments				0
Gear requirements - mesh size	1			1
Inspection protocol	2	1		3
Mis-recording of catches - inaccurate recording	2	1		3
Observer requirements				0
Quota requirements				0
VMS requirements				0
TOTAL	14	4	0	18

* GRO = groundfish primarily in Divs. 3KLMNO; PRA = shrimp fisheries in Divs. 3LM; REB = redfish in Divs. 1F2J

** Some vessels switched directed species within the year.

*** AIs from citation reports serving to confirm an incident are not counted. AI categories in bold are considered serious.

Table 5-2009, part 2. Effort, port inspections and AIs by fisheries type

FISHERIES*	GRO	PRA	REB	Total
Number of vessels	41	20	1	51**
Days Present in NRA	4122	889	5	5016
Number of port inspections	73	21	0	94
Number of port inspection report containing citation of one or more AIs	1	0	0	1
Number of vessels cited with AIs by port authorities	1			
AIs issued by category - from port inspections***				
Greenland halibut measures				0
Mis-recording of catches -stowage				0
Product labeling	1			1
Vessel requirements - capacity plans				0
By-catch requirements				0
Catch communication violations				0
Fishing without authorization				0
Gear requirements - illegal attachments				0
Gear requirements - mesh size				0
Inspection protocol				0
Mis-recording of catches - inaccurate recording				0
Observer requirements				0
Quota requirements				0
VMS requirements				0
TOTAL	1	0	0	1

Table 5-2010, part 1. Effort, at-sea inspections and AIs by fisheries type

FISHERIES*	GRO	PRA	REB	Total
Number of vessels	42	16	2	53**
Days Present in NRA	4170	584	14	4768
Number of at-sea inspections	192	22	0	214
Number of at-sea inspection report containing citation of AIs	4	3	0	7
Number of vessels cited with AIs at sea	4	2	0	6
AIs issued by category - from at-sea inspections***				
Greenland halibut measures				
Mis-recording of catches -stowage		1		
Product labelling				
Vessel requirements - capacity plans	1	1		
By-catch requirements				
Catch communication violations				
Fishing without authorization				
Gear requirements - illegal attachments	1			
Gear requirements - mesh size	1			
Inspection protocol				
Mis-recording of catches - inaccurate recording	1	1		
Observer requirements				
Quota requirements				
VMS requirements				
TOTAL	4	3	0	7

* GRO = groundfish primarily in Divs. 3KLMNO; PRA = shrimp fisheries in Divs. 3LM; REB = redfish in Divs. 1F2J

** Some vessels switched directed species within the year.

*** AIs from citation reports serving to confirm an incident are not counted. AI categories in bold are considered serious.

Table 5-2010, part 2. Effort, port inspections and AIs by fisheries type.

FISHERIES*	GRO	PRA	REB	Total
Number of vessels	42	16	2	53**
Days Present in NRA	4170	584	14	4786
Number of port inspections	86	14	0	100
Number of port inspection report containing citation of AIs				0
Number of vessels cited with AIs by port authorities				0
AIs issued by category - from port inspections***				
Greenland halibut measures				
Mis-recording of catches -stowage				
Product labelling				
Vessel requirements - capacity plans				
By-catch requirements				
Catch communication violations				
Fishing without authorization				
Gear requirements - illegal attachments				
Gear requirements - mesh size				
Inspection protocol				
Mis-recording of catches - inaccurate recording				
Observer requirements				
Quota requirements				
VMS requirements				
TOTAL	0	0	0	0

Table 5-2011, part 1. Effort, at-sea inspections and AIs by fisheries type

FISHERIES*	GRO	PRA	REB	Total
Number of vessels	47	8	2	56**
Days Present in NRA	4922	360	18	5300
Number of at-sea inspections	192	8	0	200
Number of at-sea inspection report containing citation of AIs	7	1	0	8
Number of vessels cited with AIs at sea	6	1	0	7
AIs issued by category - from at-sea inspections***				
Greenland halibut measures				
Mis-recording of catches -stowage	4			
Product labelling	1			
Vessel requirements - capacity plans		1		
By-catch requirements	1			
Catch communication violations				
Fishing without authorization				
Gear requirements - illegal attachments				
Gear requirements - mesh size	1****			
Inspection protocol				
Mis-recording of catches - inaccurate recording				
Observer requirements				
Quota requirements				
VMS requirements				
TOTAL	7	1		8

* GRO = groundfish primarily in Divs. 3KLMNO; PRA = shrimp fisheries in Divs. 3LM; REB = redfish in Divs. 1F2J

** Some vessels switched directed species within the year.

*** AIs from citation reports serving to confirm an incident are not counted. AI categories in bold are considered serious.

**** Was not considered "serious" by at-sea inspectors in this case.

Table 5-2011, part 2. Effort, port inspections and AIs by fisheries type.

FISHERIES*	GRO	PRA	REB	Total
Number of vessels	47	8	2	56**
Days Present in NRA	4922	360	18	5300
Number of port inspections	90	5	0	95
Number of port inspection report containing citation of AIs				0
Number of vessels cited with AIs by port authorities				0
AIs issued by category - from port inspections***				
Greenland halibut measures				
Mis-recording of catches -stowage				
Product labelling				
Vessel requirements - capacity plans				
By-catch requirements				
Catch communication violations				
Fishing without authorization				
Gear requirements - illegal attachments				
Gear requirements - mesh size				
Inspection protocol				
Mis-recording of catches - inaccurate recording				
Observer requirements				
Quota requirements				
VMS requirements				
TOTAL	0	0	0	0

Table 5-2012, part 1. Effort, at-sea inspections and AIs by fisheries type

FISHERIES*	GRO	PRA	REB	Total
Number of vessels	44	5	8	57
Days Present in NRA	5050	250	210	5510
Number of at-sea inspections	181	6	6	193
Number of at-sea inspection report containing citation of AIs	7	1	1	9
Number of vessels cited with AIs at sea	7	1	1	9
AIs issued by category - from at-sea inspections**				
Greenland halibut measures				
Mis-recording of catches -stowage				
Product labelling	2	1		
Vessel requirements - capacity plans	2		1	
By-catch requirements				
Catch communication violations				
Fishing without authorization				
Gear requirements - illegal attachments				
Gear requirements - mesh size				
Inspection protocol				
Mis-recording of catches - inaccurate recording	1			
Observer requirements				
Quota requirements	2			
VMS requirements	1			
TOTAL	8	1	1	10

* GRO = groundfish primarily in Divs. 3KLMNO; PRA = shrimp fisheries in Divs. 3LM; REB = redfish in Divs. 1F2J
**AIs from citation reports serving to confirm an incident are not counted. AI categories in bold are considered serious.

Table 5-2012, part 2. Effort, port inspections and AIs by fisheries type.

FISHERIES*	GRO	PRA	REB	Total
Number of vessels	44	5	8	57
Days Present in NRA	5050	250	210	5510
Number of port inspections	89	8	3	100
Number of port inspection report containing citation of AIs	2	0	0	2
Number of vessels cited with AIs by port authorities	2	0	0	2
AIs issued by category - from port inspections***				
Greenland halibut measures	1			
Mis-recording of catches -stowage	1			
Product labelling	1			
Vessel requirements - capacity plans				
By-catch requirements				
Catch communication violations				
Evidence tampering	1			
Fishing without authorization				
Gear requirements - illegal attachments				
Gear requirements - mesh size				
Inspection protocol	1			
Mis-recording of catches - inaccurate recording	1			
Observer requirements				
Quota requirements				
VMS requirements				
TOTAL	6	0	0	0

Table 6. Resolution of Apparent Infringement (AI) cases (as of August 2012)

Resolution of Apparent Infringement Cases	2008	2009	2010	2011	2012
Number of reports with citations issued*	8	13	7	8	11
Number of resolved cases	5	7	7	7	6
Percentage of resolved cases (as of July 2011)	63%	54%	100%	88%	55%
Number of cases pending	3	3	0	1	5
Number of cases with no follow-up information	0	3	0	0	0

* Number of inspection reports with serious and non-serious AI citations. A report may contain one or more AIs. Reports serving to confirm identical cases are not counted.