

34th ANNUAL MEETING - SEPTEMBER 2012**ANNUAL COMPLIANCE REVIEW 2012**
(Compliance Report for Fishing Year 2011)**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

The current 2012 NAFO compliance review utilizes information for the years 2004 to 2011 from the following sources: vessel monitoring system (VMS) and hail messages delivered by the vessels, 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.

2. Fishing effort 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 (RED - primarily in Div. 1F and 2J).

The fishing effort is measured by the number of active vessels and the days of presence by vessel per year in the NRA. Vessel-days are determined by the position reports transmitted by the vessels every hour via the vessel's VMS system. The VMS reports are received by the Secretariat from the respective Fisheries Monitoring Centres (FMC) of the flag State Contracting Parties.

In 2011, there were 56 fishing vessels spending a total of 5 310 days in the NRA. 156 trips were identified. Groundfish fishery accounts for the majority of the total fishing effort (93%). Generally the vessels fish exclusively in one type of fishery, except for one vessel which engaged in both shrimp and groundfish fishing. Although there was a decrease of more than a third of the total number of days of the shrimp fishing effort in 2011 compared to the previous year, an overall 11% increase of the total fishing effort was observed (Table 1). The net increase could be attributed to the re-opening of 3M cod and 3LN redfish fisheries (both considered part of the groundfish fishery) in 2010. Shrimp fishing effort had continued its decline since the 3M shrimp moratorium in 2010. The pelagic redfish fishing effort was exerted prior to July 2011 when the moratorium enforced. The groundfish fishing effort was back to the 2007-2008 level (Figure 1).

Table 1. 2010-2011 Comparison of Fishing Effort in the NAFO Regulatory Area.

Number of fishing vessels					Effort (Days present)				
Year	Groundfish	Shrimp	Pelagic Redfish	TOTAL	Year	Groundfish	Shrimp	Pelagic Redfish	TOTAL
2010	42	16	2	53	2010	4170	584	14	4768
2011	47	8	2	56	2011	4922	360	18	5300
% change	11.9%	-50.0%	0.0%	5.7%	% change	18.0%	-38.4%	28.6%	11.2%

¹For the purpose of this compliance analysis, only fishing trips which ended in 2011 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 NCEM).

For the period 2004-2011, the overall fishing activities in the NRA show a declining trend, from 134 active vessels in 2004 to 56 in 2011, representing a 58 % decrease (Figure 1).

The decline is even more pronounced in terms of overall fishing days, with a 71% decrease for the same period, from 16,480 days in 2004 to 5310 days in 2011. The average number of days each vessel operates in the NRA declined as well, from 123 days in 2004 to 95 days in 2011.

Figure 1 illustrates the changes described above for each of the major fisheries. The general decline since 2004 is observed for the three fisheries, with the pelagic redfish fishery being close to disappearance in 2009. Relative stabilisation is noted since 2009. NAFO fisheries remain dominated by the groundfish category. In 2011, groundfish accounts for 93% of the total fishing effort, shrimp for around 7 %, and the pelagic redfish fishery represents less than 1 percent.

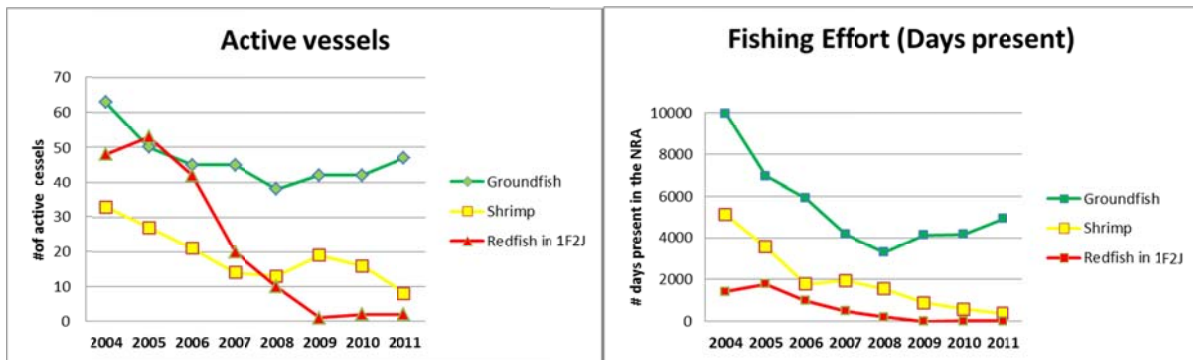


Figure 1. The trend of fishing effort in the NAFO Regulatory Area in the period 2004-2011.

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 (through the FMCs) in practically real-time. When technical difficulties were encountered by the vessels in complying with the position reporting requirements, the position reports were transmitted electronically by other means (by email) and promptly entered into the VMS database by the Secretariat. 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.

Activity and catch reporting– Vessel Transmitted Information (VTI)

Vessels in the NRA are required to report during their fishing trips detailing their activities (e.g. transshipments) and catches. Activity and Catch reports are transmitted through the same technology and communication channel as the transmission of VMS (positions) reports.

Catch quantities on board upon entry to and exit from the NRA must be reported (COE and COX). While fishing in the NRA, fishing vessels are required to transmit daily catch notifications (CAT) detailing catch quantities by species and division.

COE and COX reports should account for each fishing trip. Ideally, a 100% coverage would mean that all expected COEs are paired up with all expected COXs, i.e. a full compliance to the requirement. In 2011, 99% coverage was observed as only one vessel was not able to transmit a COX message.

In 2011, the transmission of the CAT became a daily requirement. During the first month of implementation, not all vessels could comply with the daily reporting requirement. At that time, the Secretariat and the Fisheries Monitoring Centres (FMC) were coordinating in resolving technical issues with regards to the new daily reporting requirement. By the end of January 2011, all fishing vessels in the NRA were able to transmit the daily CAT reports. Another reason for the less- than -100% compliance in the months of January and February is that for some vessels their fishing trips started in the latter part of 2010 during which time the daily requirement was not yet in force. The CAT reports have proven to be useful in monitoring quota uptakes of the Contracting Parties.

At-sea inspections

The NAFO Joint Inspection and Surveillance Scheme is implemented to ensure compliance of 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.

The total number of at-sea inspections dropped from 214 in 2010 to 200 in 2011. With the increase of total fishing effort, inspection rate (number of inspections/fishing effort) decreased from 4.5% in 2010 to 3.8 in 2011%. There were no at-sea inspections of pelagic redfish trips since 2009. Eight apparent infringements (AI) were detected by the at-sea inspectors and the AI citations were issued to seven vessels (see below for details).

Although there is no target for at-sea inspection rates, the overall inspection rate has remained stable since 2006, hovering at 4.5% (Figure 2).

This evolution of inspection rates indicates that at-sea inspections were carried out in proportion to the fishing effort for each of the fishing category, suggesting equal treatment and equitable distribution of inspections (Figure 2).

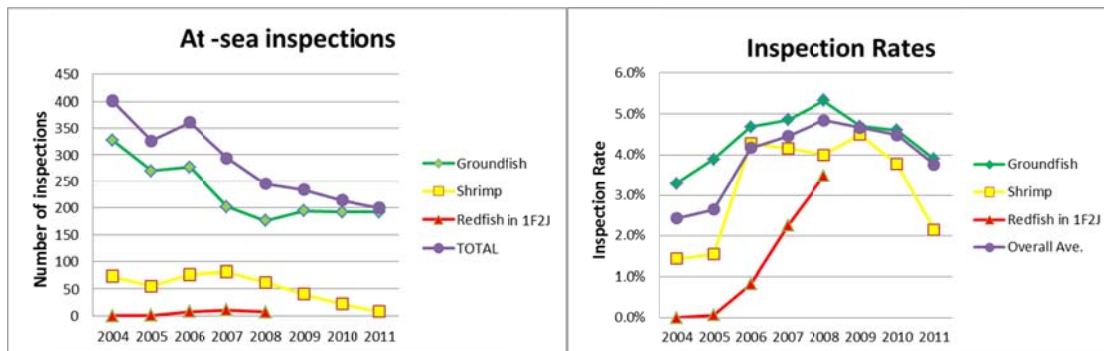


Figure 2. Number of At-Sea Inspections and Inspection rates (number of at-sea inspection/vessel-days) in the NAFO Regulatory Area by fishery type.

Port inspections

Prior to 2009, port State Contracting Parties were required to conduct port inspections on all vessels landing or transshipping 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. The citations were mostly AIs involving misreporting of catches. In 2011, 95 port inspection reports were received by the Secretariat, 90 of which were associated with Greenland halibut landings. As in 2010, no AI was issued by port State authorities in 2011.

Citation rates

The annual citation rate (the number of citations issued in relation to the number of inspections conducted) for at-sea inspections ranges between 2.0 in 2008 and 6.1 in 2005. In 2011, the citation rate for at-sea inspections was 4.0, with a relative increase from the previous year. In contrast, the citation rate for port inspections ranges between 15.2 in 2007 and zero in 2010 and 2011 (Figure 3).

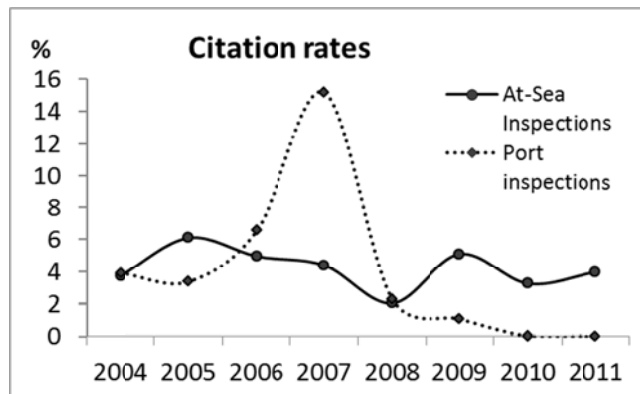


Figure 3. *Percentage of inspections that resulted in a citation at sea and in port*

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. To control the presence of vessels in such areas, NAFO has adopted VMS position reporting at one hour intervals. 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) for nine days. It is not known whether the fishing gear used interacted with the sea bottom, in which case the fishing activity would be covered by the provisions on exploratory fishing in Chapter II of the NCEM.

Catch reporting on sharks

Fishing for the purpose of collecting shark fins is prohibited under Article 17 of the 2011 NCEM. Sharks species taken in NAFO fisheries are not associated with shark finning practices, and there has never been an incident of shark finning 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 of 2012 NCEM).

Apparent infringements

Each citation issued by NAFO inspectors can list one or more apparent infringements (AI). Article 37 of the 2011 NCEM listed ten AI's considered serious. The list was expanded to 14 in 2012 (Article 35 of the 2012 NCEM). In 2011, eight AI's were detected, all of which by at- sea inspectors, in different fishing trips. Seven distinct vessels were involved. The nature of the AIs ranges from bycatch requirements (considered serious) to stowage and capacity plans (considered non-serious). Table 2 shows the details of the AIs issued to fishing vessels in 2011.

Table 2. Details of Apparent Infringements (AI) detected in 2011.

A#	Vessel Code	Inspection Date	SA or Port Location	Directed Species (according to COE)	Apparent Infringement	Serious citation?	Article (2011 NCEM)	Descriptive (from AI Statement Report)	Disposition/Followup action in compliance with Art. 42 of 2011 NCEM	STATUS as of May 2012, as reported by CP
1	53	07-Mar-11	3O	COD RED GHL	By-catch requirements	Yes	Art. 12.3.a	Conducting a directed fishery for which by-catch limits apply.	Strong written warnings	Closed
2	43	24-Apr-11	3L	GHL RED	Stowage plans	No	Art. 24.6	Failing to maintain an up to date accurate stowage plan.	The AI was not confirmed during port inspection in Vigo	Closed
3	32	01-May-11	3M	COD	Stowage plans	No	Art. 24.6	Failing to keep a stowage plan	Strong verbal rebrief	Closed
4	53	21-May-11	3N	RED GHL	Product Labelling	No	Art. 23	Failing to clearly mark product as having being caught in the Regulatory Area.	Strong written warnings	Closed
5	30	28-Jun-11	3N	GHL RED SKA	Stowage Plans	No	Art. 24.6	Failing to keep a stowage plan that shows the location of different species in the hold.	Captain fined 40 Euros	Closed
6	51	02-Jul-11	3N	GHL RED	Stowage Plans	No	Art. 24.6	Failing to keep a stowage plan that shows the accurate location and quantity of GHL in the hold.	Pending	Pending
7	13	02-Aug-11	3O	COD RED GHL	Mesh Size ^a	No	Art. 13.1	Using a trawl to fish groundfish with a mesh size less than 130 mm. Normally considered serious, but taking into account the location of the undersized mesh a serious AI was not issued.	Could not be confirmed during port inspection at Vigo in July 2011	Closed
8	11	24-Oct-11	3M	PRA	Capacity Plans	No	Art. 21.3	Failure to provide an up-to-date capacity plan.	Pending	Pending

^a Mesh size violations are normally considered serious but in this case the inspectors considered it non-serious due to the location in the gear of the netting panel with undersized mesh.

Figure 4 shows the evolution of the total number of AIs that have been issued at-sea and in port for each year since 2004. In 2011, eight AIs were detected, only one of which is considered serious. In comparison with 2010, there were seven AIs four of which were considered serious. No AI was detected by port authorities in 2010 and 2011. Figure 5 shows the composite list of different AIs and the frequency of cases between 2004 and 2011.

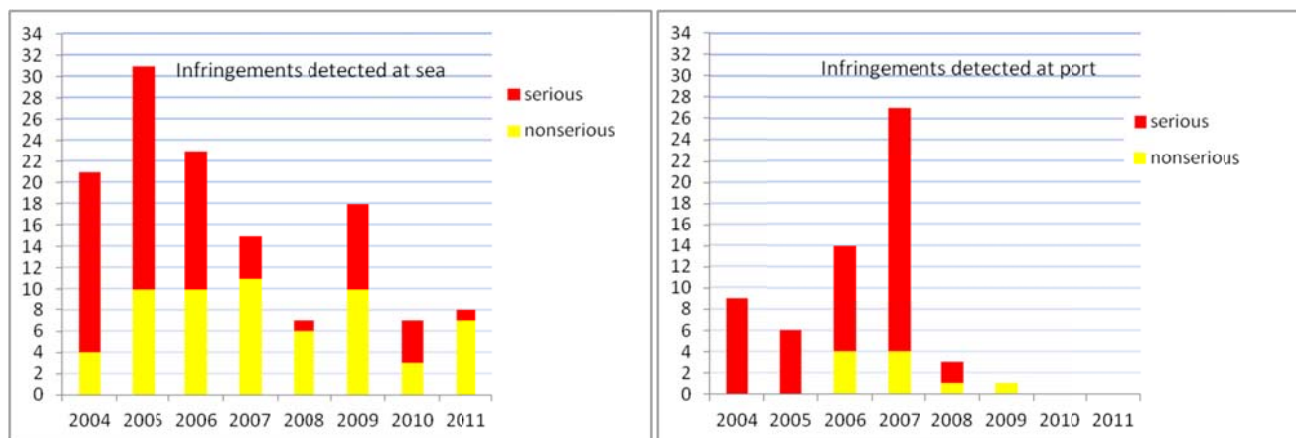


Figure 4. Number of Apparent Infringements detected by NAFO at-sea and port inspectors for 2004-2011.

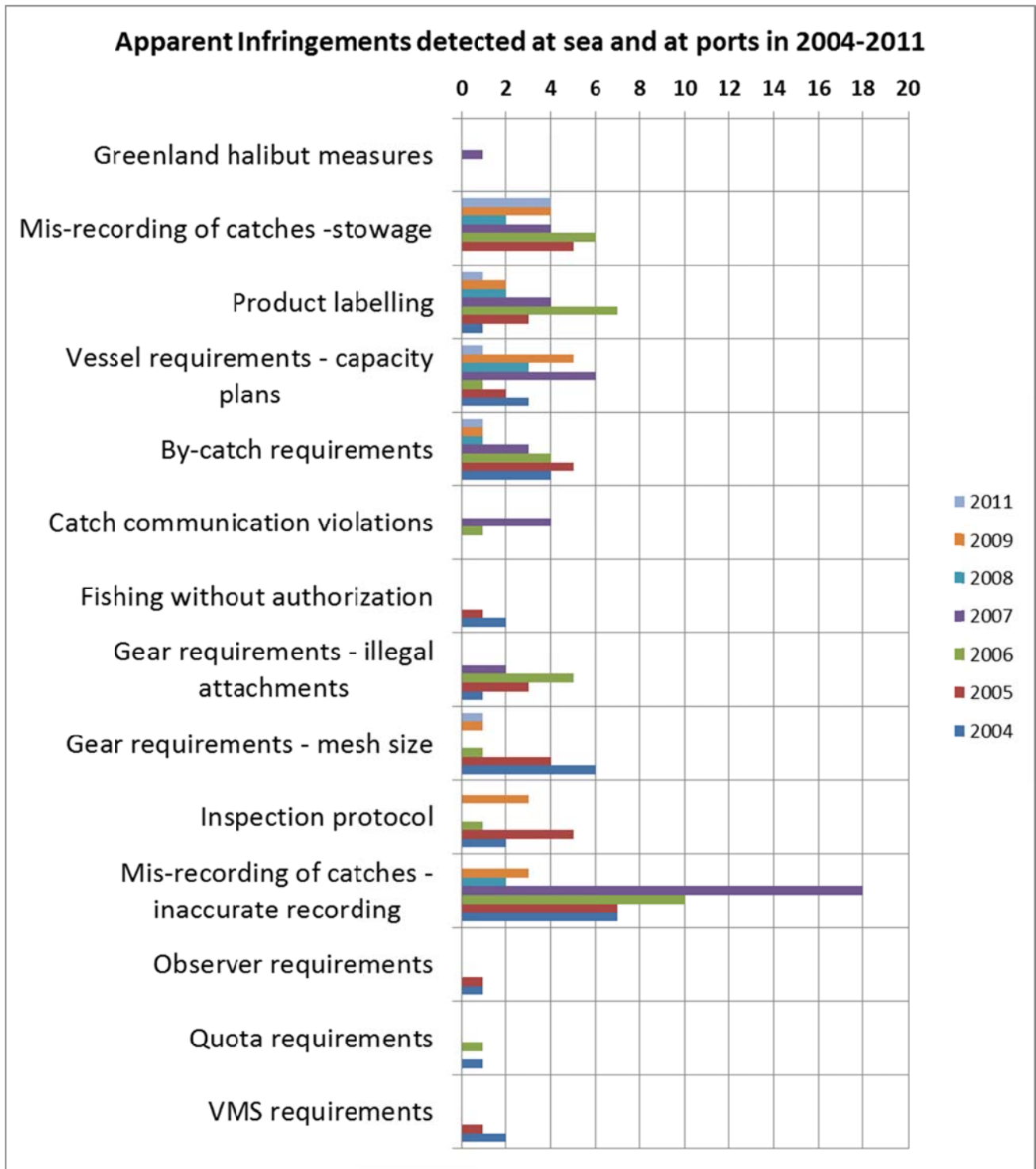


Figure 5. Apparent infringements detected by NAFO at-sea and port inspectors in 2004 -2011. The first four types of AI are considered non-serious and the remaining 10 are usually considered serious infringements.

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. 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.

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 which landed Greenland halibut were examined. 90 of 125 identified fishing trips landed Greenland halibut. Of the 90 trips (4633 days-effort), 86 trips (4442 days-effort) had corresponding port inspection reports --- 96% coverage in terms of the fishing-day effort, above the coverage range in 2004-2010 (which was between 79% in 2005 and 91% in 2008) (see Figure 5).

The new Port State measures did not affect the actual percentage coverage of port inspections because of the importance of landings of groundfish species subject to recovery plan (e.g. Greenland halibut).

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 27.A of the 2012 NCEM). Since 2007, Contracting Parties (CPs) 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 27.B of the 2012 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 (CAX) every trip. The CAX 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 2011, the percentage coverage was 62%, i.e. only 3 310 days out of 5300 were covered by observer reports and CAX/OBR reports. It is the lowest percentage coverage since the 2004 when such percentage coverage was first estimated (Figure 6).

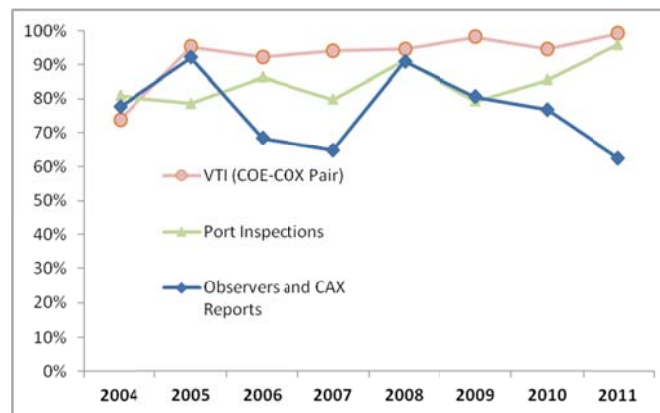


Figure 6. *Percentage coverage of fishing effort by VTI (COE-COX Pairs), Port Inspection and Observer Reports as a measure of compliance to report submission requirements.*

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.

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 required 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 received more than 30 days after the date of port 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 7 shows the timeliness of submission of at sea inspection, observer and port inspection reports. In 2011, there was no improvement in the overall timeliness of the submission of the reports. Less than half of the number of observer reports was received on time (35%). Timeliness in the submission of at-sea and port inspection reports was 48% and 44%, respectively.

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

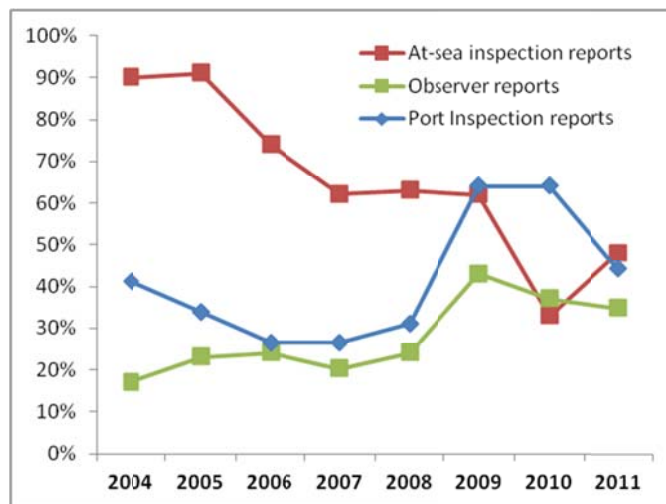


Figure 7. *Timeliness of submission of reports*

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 36). In 2011, eight AI were detected, six of which are already resolved and two are pending. Details of the AIs and the follow-up actions are presented in Table 2.

The status of each AI case must be reported to the Secretariat annually until the case is resolved (Article 37), 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 two years (2010 and 2011) in the CP’s compliance to Article 37 as follow-up actions to all AI were reported to the Secretariat. During this current compliance review period, two pending cases first reported in 2008 and three pending cases first reported in 2009 are now considered closed as fines and sanctions to the offending vessel have been applied. Table 3 presents the summary of the status of AI cases and their resolution for past five years.

Table 3 *Legal resolution of citations against vessels fishing in the NAFO Regulatory Area by year in which the citations were issued (as of August 2012). 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	%		
2007	32	25	78%	2	5
2008	8	5	63%	3	0
2009	13	6	46%	4	3
2010	7	3	43%	4	0
2011	8	6	75%	2	0
Total	68	45	66%	15	8

6. Observed Trends

- After a steady year on year decline since 2004, total fishing effort appears to have stabilized at circa 5000 days present in the NRA each year. In parallel the steady decline in vessel numbers active in the NRA appears to have leveled out at circa 50 vessels per annum.
- A gradual decline in fishing effort in the shrimp fishery has been observed from 889 in 2009, 584 in 2010 and 360 in 2011. The number of vessels active in the shrimp fishery has declined from 20 in 2009, 16 in 2010 and 8 in 2011.
- Although effort in the shrimp fishery has declined, overall effort in the NRA has been stable indicating that effort has been diverted from the shrimp fishery to the groundfish fishery.
- The number of at sea inspections has reduced from 401 in 2004 to 200 in 2011 but the inspection rate has actually increased from 2.4% in 2004 to 3.8% in 2011 (dropping slightly from 4.5% in 2010).
- Port inspection coverage of landings remains high owing to the high number of landings of species subjected to a recovery plan, particularly groundfish.
- A few minor problems were experienced at the introduction of the CAT messages during the beginning of 2011, however the reporting rate quickly improved with all vessels transmitting CAT reports by the end of January.
- The at-sea citation rate has remained stable averaging circa 4% since 2004.
- A higher proportion of citations over the last 2 years has been attributed to labeling and stowage infringements.
- Timeliness and submission of inspection and observer reports remain an area requiring improvement.

7. Recommendations

At the next intercessional STACTIC will explore the utility of expanding the report to include geospatial information and reporting on the joint inspection scheme.

7. Annexes: The “Report tables

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 and TRA reports	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 CAX 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%

*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
Total Number of Port Inspection Reports received	228	177	151	125	133	94	101	95
Total Number of Port Inspection Reports received late	134	117	111	92	92	34	36	53
Percentage % of late Port Inspection Reports	59%	66%	74%	74%	69%	36%	36%	56%

NB. Copy of Port Inspection reports (PSC 3) must be forwarded to the Secretariat by the port States without delay (Art. 14 of 2012 NCEM).

Table 3. Timely submission of At-Sea Inspection Reports

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

NB At-sea inspection reports must be forwarded to the flag State Contracting Party, if possible within 30 days of the inspection (Article 33.3a of the 2012 NCEM).

Table 4. Timely submission of Observer Reports

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

NB. Copy of Observer reports (PSC 3) must be forwarded to the Secretariat by the observers within 30 days after their assignment (Article 27 a.2.g of the 2012 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 6. Resolution of Apparent Infringement (AI) cases (as of August 2011)

Resolution of Apparent Infringement Cases	2006	2007	2008	2009	2010	2011
Number of reports with citations issued*	28	32	8	13	7	8
Number of resolved cases	21	25	5	6	3	6
Percentage of resolved cases (as of July 2011)	75%	78%	63%	46%	43%	75%
Number of cases pending	3	2	3	4	4	2
Number of cases with no follow-up information	4	5	0	3	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.