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ANNUAL COMPLIANCE REVIEW 2011
(Compliance Report for Fishing Year 2010)

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 2011 NAFO compliance review utilizes information for the years 2004 to 2010 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 Executive Secretary.

2. Fishing effort in the NAFO Regulatory Area

NAFO identifies three main fisheries: 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 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.

For the period 2004-2010, the overall fishing activities in the NRA show a declining trend, from 134 active vessels in 2004 to 53 in 2010, representing a 60 % decrease.

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 4,768 days in 2010. The average number of days each vessel operates in the NRA declined as well, from 123 days in 2004 to 90 days in 2010.

Figure 1 illustrates the evolution 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 2010, groundfish accounts for 82% of the total fishing effort, shrimp for around 17 %, and the pelagic redfish fishery represents less than 1 percent.

¹For the purpose of this compliance analysis, fishing trips which ended in 2010 were considered. "Fishing trip means the time beginning when the vessel enters the Regulatory Area and ending when the vessel leaves the Regulatory Area and all catch on board from the Regulatory Area is unloaded or transhipped (Article 2.5 of the NCEM)."

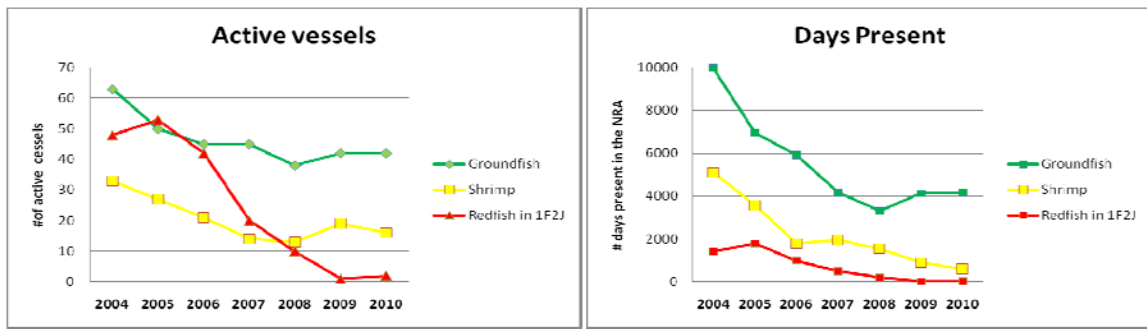


Figure 1. Number of vessels and vessel-days in the NAFO Regulatory Area by fishery type.

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 reports (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 (positions and hails) were being received by the Secretariat and CPs with inspection presence in real-time through satellite technology.

Hail messages and catch reporting by vessels

Vessels are required to report on their fishing trips by reporting various messages detailing their presence and the results of their fishing activity in the NRA. Catches are reported through the VMS channel by Catch-on-Entry (COE), daily catch notification (CAT)² and Catch-on-Exit (COX) messages.

COE and COX reports should account for each fishing trip. Ideally, a 100% coverage would mean that all expected COEs and paired up with all expected COXs. Figure 6 and Table 1 show the percentage coverage of hail messages (COEs and COXs). Since 2005, there has been a high degree of compliance with regards to VMS reporting (between 92% in 2006 and 98% in 2009). In 2010, the VMS hail reports accounted for 95% coverage of the fishing effort. Like the position reports, the timeliness of the transmission of hail reports was not an issue.

At-sea inspections (Figure 2 and Table 5)

The total number of at-sea inspections decreased from 401 inspections in 2004 to 214 inspections in 2010. This evolution follows the observed decrease in fisheries during the same period.

² In 2010, daily catch reporting requirement (CAT) applied only to shrimp fisheries and a weekly reporting was required for all other fisheries. The CAT reports were not evaluated in the context of fishing trips. Instead, the catch reports derived from fishing trips were evaluated by examining the COE and COX pairs. The dates of the COE and COX gave an indication of the duration of the fishing trips. In 2011, it became a requirement for vessels to report the daily catch by stock and division for all types of fisheries.

Although there is no target for at-sea inspection rates, figures show that the frequency of at-sea inspections in relation to the effort (number of inspections per vessel-days per year) actually increased from 2.4 percent in 2004 to 4.5 percent in 2010. That frequency has remained fairly stable since 2006, for groundfish and shrimp fisheries ranging from 4.2 to 4.8 percent, with a relatively sharper increase for pelagic redfish. There were no at-sea inspections of pelagic redfish trips in 2009 and 2010.

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.

The current report does not include inspection rates among Contracting Parties to evaluate whether inspections are being carried out in a manner that would ensure equal treatment between all Contracting Parties consistent with Article 29.6 of the 2011 NCEM. STACTIC has previously discussed methods used to calculate the objectivity of inspections, but suggested that the existing objectivity formula used is not very useful. The current report does not include inspection rates among Contracting Parties to evaluate whether inspections are being carried out in a manner that would ensure equal treatment between all Contracting Parties consistent with Article 29.6 of the 2011 NCEM. STACTIC has previously discussed methods used to calculate the objectivity of inspections, but suggested that the existing objectivity formula used is not very useful.

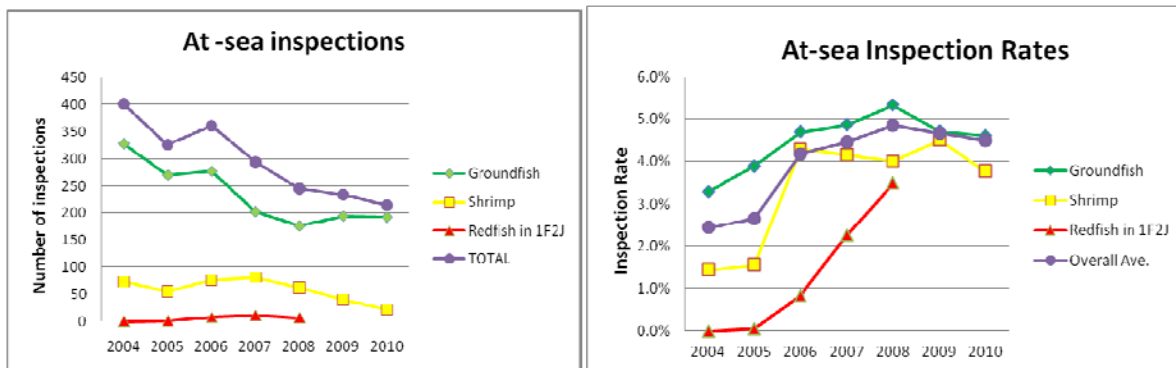


Figure 2. Number of At-Sea Inspections and Inspection rates (number of at-sea inspection/vessel-days) in the NAFO Regulatory Area by fishery type

Port inspections (Table 5)

Prior to 2009, port State Contracting Parties were required to conduct port inspections on all vessels landing or transshipping fish species from the NRA. Since the adoption of the Port State Control measures in 2009, the 100% annual port inspection rate has been maintained for all vessels landing NAFO species under recovery plans, in particular GHL, and reduced to 15 % on vessels from other Contracting Parties for all other NAFO species is landed or transhipped. Port inspection on national vessels is not compulsory anymore in other cases. Inspections in port have also declined dramatically, from a 228 in 2004 to 100 in 2010, representing a 56 percent decline over the time period, but have not change substantially since 2008. This indicates that the Port State Control measures adopted in 2009 have not had a direct impact on the port inspection coverage rate by Contracting Parties.

Citation rates (Figure 3 and Table 5)

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 2010, the citation rate for at-sea inspections was 3.3, with a relative decrease from the previous year. In contrast, the citation rate for port inspections ranges between 15.2 in 2007 and zero in 2010.

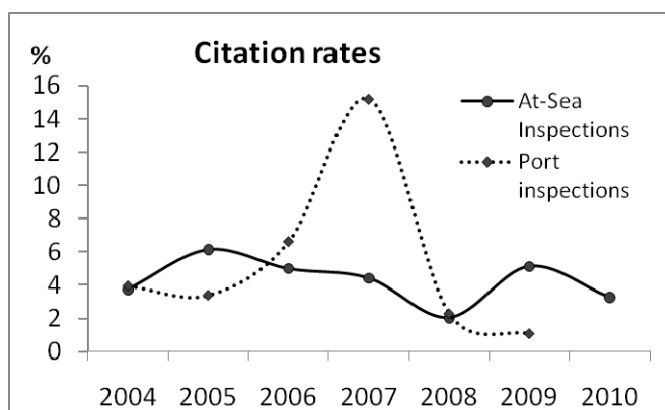


Figure 3. Percentage of inspections that resulted in a citation at sea and in port

Closed areas

Since 2007, in total 18 areas in NAFO have been closed to bottom fishing including 11 significant coral and sponge areas, 1 coral protection zone and 6 seamounts. To control the presence of vessels in such areas, NAFO has adopted VMS position reporting at one hour intervals. Further conservation and enforcement measures concerning the protection of the VMEs are stipulated in Chapter Ibis of the NCEM.

An examination of the VMS position reports revealed that all the closed areas were generally respected. However, some position reports have been recorded in Divisions 6G and, to a minor extent in 6H, and in the Corner Seamounts with a relatively low fishing effort. In 2010, two vessels spent 10 days in Division 6G which constitutes a negligible amount of effort compared to the total effort in the NRA. Moreover, it is not known whether the fishing gear used in the closed areas interacted with the sea bottom. STACTIC should explore the means to identify whether bottom fishing is occurring to enable more effective enforcement of closed area provisions.

Sharks

Fishing for the purpose of collecting shark fins is prohibited under Article 17 of the NAFO Conservation and Enforcement Measures. 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. However, it has been noted that there has been a lack of species-specific reporting of shark catches in the NRA.

Apparent infringements (Figures 4 and 5; Table 5)

Each citation issued by NAFO inspectors can list one or more apparent infringements (AI), from which 10 are qualified as serious infringements (NCEM Article 37.1). 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 2010, out of seven AIs detected at sea, three were considered serious, and two of them were detected on vessels fishing for groundfish (Table 5).

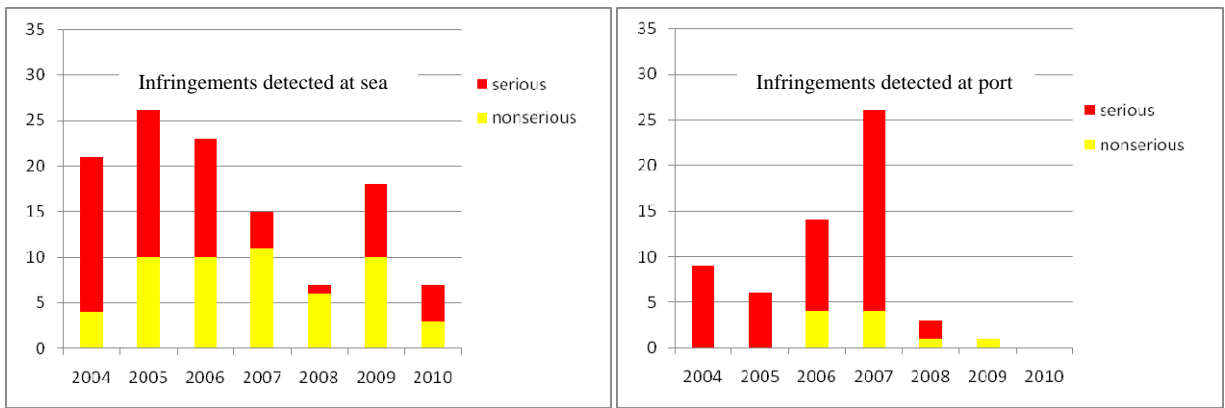


Figure 4. *Number of Apparent Infringements detected by NAFO at-sea and port inspectors for 2004-2010.*

The frequency of infringements by fishing type is presented in Figure 5. More details on these infringements for the years 2004 through 2010 are provided in Table 5. The most frequent infringement observed every year is inaccurate recording of catches, which is considered as a serious offence.

No apparent infringement for fishing in closed areas has ever been issued to a fishing vessel to date. Some contributing factors might be the absence of inspection patrol in some remote areas, the negligible fishing effort concerned and the difficulty in determining that vessels are engaged in “bottom fishing”.

Apparent Infringements detected at sea and at ports in 2004-2010

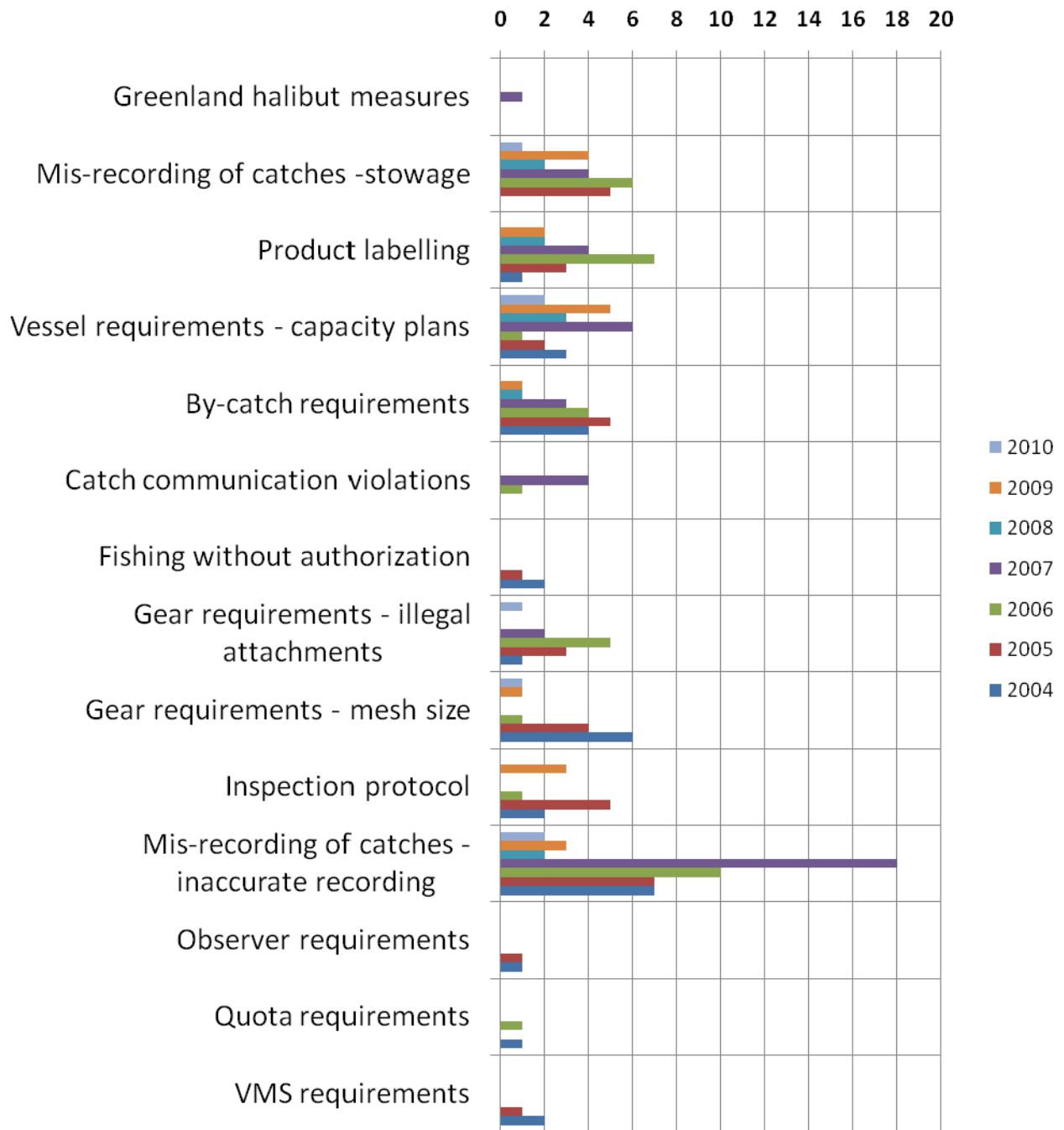


Figure 5. *Apparent Infringements detected by NAFO at-sea and port inspectors*
 *Please note that the first 4 are non-serious infringements and the remaining 10 are serious infringements.

4. Reporting obligations by NAFO Contracting Parties and Observers

NAFO CEM obliges vessels and Contracting Parties to provide reports on their activity within a determined time frame. The regular delivery of those reports in time is of key importance to evaluate compliance.

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. However, the new requirement did not affect the actual percentage coverage of port inspections because of the importance of landings of groundfish species subject to recovery plan (GHL). Port inspection coverage ranges from 79% in 2005 and 2009 to 91% in 2008. The port inspection coverage in 2009 and 2010 falls within this range (see Figure 6).

Observer reports

Vessels are required to have an independent compliance observer on board at all times in every fishing trip. Since 2007, Contracting Parties may allow their vessels adopting a daily electronic report of catch and discards which allows vessels to reduce the observer coverage down to 25% of the time spent in the NRA. Under this electronic scheme, observers are required to report daily their estimation of catches (OBR).

Observers 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.

Observer coverage ranges from 77% in 2010 to 92% in 2005.

Observer reports may be crosschecked with port inspection reports, for relevant fishing trips, for a comparative analysis of catches.

According to Article 28, 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 by haul basis.

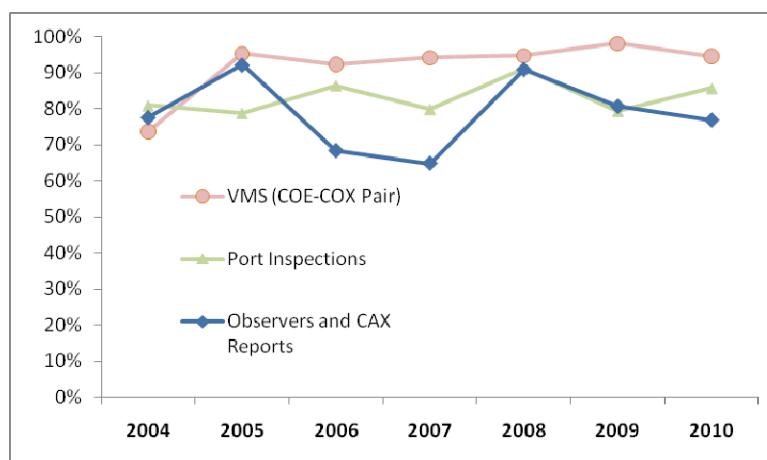


Figure 6. Percentage coverage of fishing effort by VMS, Port Inspection and Observer Reports

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 and catch reports on a daily basis; observers and at-sea inspection reports are required to be submitted within 30 days and PSC3 forms for port inspections 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.

Figure 7 shows the timeliness of submission of at sea inspection, observer and port inspection reports. In 2010, two-thirds of the number of port inspection reports were received on time (64%). Timeliness in the submission of at-sea inspection and observer reports were 33% and 37%, respectively, representing declines from 2009.

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

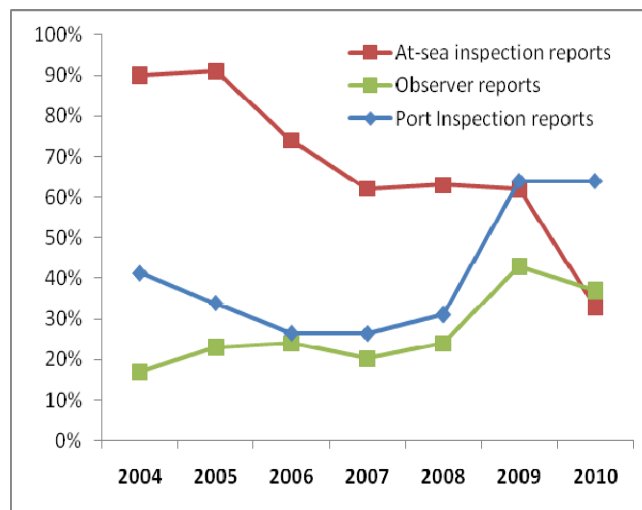


Figure 7. *Timeliness of submission of reports*

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. 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. This information is reflected in Table 6.

As of July 2011, three of these cases were resolved, with four cases still pending. There were zero cases for which the Contracting Party failed to provide follow-up information in 2010. Contrary to the 2009 compliance report, lack of follow-up on apparent infringements appears to be less of a concern than expressed in the 2009 compliance report, particularly considering there are also zero cases lacking follow-up from 2008. To ensure this trend continues, it is important to continue to remind Contracting Parties to report the status of AIs to the NAFO Secretariat.

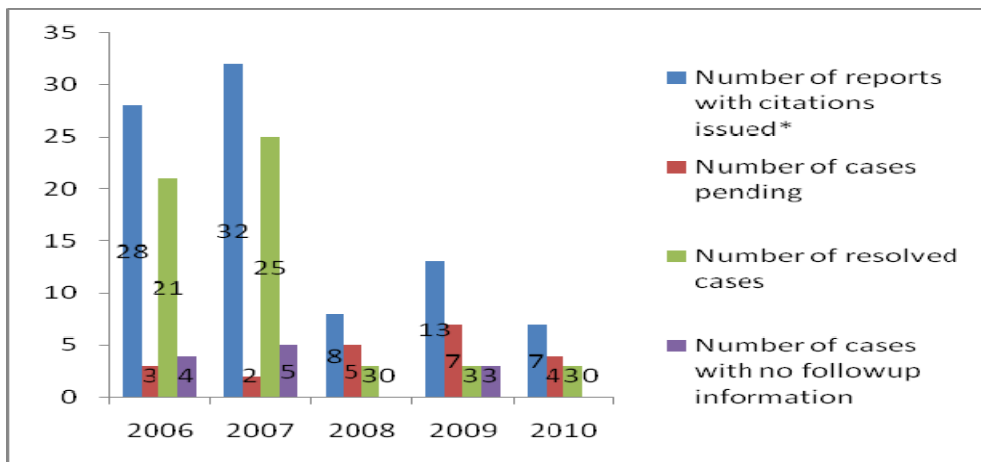


Figure 8. Legal resolution of citations against vessels fishing in the NAFO Regulatory Area by year in which the citations were issued (as of July 2011). A citation is an inspection report (from at-sea or port inspectors) that lists one or more infringements. Inspections carried out for confirming a previous citation are not included

6. Observed Trends

- After a steady year on year decline since 2004, fishing effort appears to have stabilized at circa 500 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.
- The number of at sea inspections has reduced from 401 in 2004 to 214 in 2010 but the inspection rate has actually increased from 2.4% in 2004 to 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 high rate of compliance with VMS hail messages and catch reporting has been achieved with 98% coverage in 2009 and 95% coverage of fishing effort achieved in 2010³.
- The most common apparent infringement detected at sea or in port has been mis-recording of catches with a steady increase in citations from 2004 to 2007. However, the number of citations for mis-recording has fallen dramatically since 2007.
- While all inspection reports were received, the timeliness of submission of at sea inspection reports has fallen in recent years whilst submission of port inspection reports has increased and submission of observer reports has improved slightly over the period 2004 – 2010.
- Overall, there appears to be a declining trend in the number of citations issued since 2006. Seven citations were issued in 2010, down from 13 in 2009 and a high of 32 in 2007.

³ Based on VMS reports

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%

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

NB. Port Inspection reports are submitted to the Secretariat by the port States.

Table 3. Timely submission of At-Sea Inspection Reports

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

NB. At-sea Inspection Reports are submitted by the CP with inspection presence at NAFO Regulatory Area.

Table 4. Timely submission of Observer Reports

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

NB. Observer Reports are submitted by the flag States of the fishing vessel.

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		7
Number of vessels cited with AIs at sea				
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	0

* 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				
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 July 2011)

Resolution of Apparent Infringement Cases	2006	2007	2008	2009	2010
Number of reports with citations issued*	28	32	8	13	7
Number of resolved cases	21	25	3	3	3
Percentage of resolved cases (as of July 2011)	75%	78%	38%	23%	43%
Number of cases pending	3	2	5	7	4
Number of cases with no follow-up information	4	5	0	3	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.