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**Annual Compliance Review**

**Introduction:**

Ongoing efforts for Annual Compliance Review as part of STACTIC; the following is a summary / trend analysis of compliance assessment for 2004, 2005 and 2006. The annual review process is a resumption of previous compliance assessment of which 2004 data was completed in 2005. The past two years have been delayed pending NAFO reform priorities. This current review flows from compilation tables and subsequent report tables, drafted in 2007 for consideration by STACTIC. This process intends to provide a more condensed and streamlined review of data to enhance understanding of the compliance trends / fishing patterns, a picture of the Contracting Party reporting obligations coupled with adherence to NCEM provisions.

Data tables were circulated to Contracting Parties as working paper 07/21 for review and discussion. Currently a total of 8 compilation tables and 6 report tables exist as proposed by the working group and should serve as a general annual template. Synopsis of the data tables is outlined below, appended by graphical depiction of same.

The accuracy and thoroughness of these reports is dependant upon the analysis and submission of Contracting Party reports.

***Compliance Issues / trends:***

From analysis of the report tables, which are summaries of the compilation tables, there are a number of compliance trends.

- ***Administrative obligations*** for report submission [figure 1]
  - Number of **COE** reports missing is decreasing from 25% in 2004 to 16% in 2006
  - Number of **COX** reports missing is decreasing from 23% in 2004 to 15% in 2006
  - Number of **Observer** reports missing has increased slightly from 32% in 2004 to 36% in 2006
  - Number of **Port Inspection** reports missing has decreased from 28% in 2004 to 19% in 2006
- ***Timeliness of report submission*** however is not as efficient
  - Late Port inspection reports have increased from 59% late in 2004 to 73% late in 2006 [figure 2]
  - Late at sea inspection reports have increased from 10% late in 2004 to 28% in 2006 [figure 3]
  - Late observer reports have decreased marginally from 83% late to 76% in 2006 [figure 4]
- ***Number of active vessels*** has decreased from 134 in 2004 to 116 in 2005 to 92 in 2006. [figure 6]
- ***At sea Inspections*** have decreased from 401 in 2004 to 326 in 2005 to 361 in 2006 however not relative to the decrease in number of vessels. [figure 5]
- ***Days Present in NRA*** has decreased from 16,480 in 2004 to 12,290 in 2005 to 8663 in 2006 [figure 7]

*Common Citations Issued 2004-2006*

<i>AI</i>	<i>At Sea</i>	<i>In Port</i>
Stowage Plans	<b>11</b>	<b>0</b>
Illegal attachments	<b>9</b>	<b>0</b>
Mesh Size	<b>9</b>	<b>3</b>
Inaccurate recording	<b>8</b>	<b>15</b>
Bycatch requirements	<b>7</b>	<b>6</b>
Labeling	<b>6</b>	<b>4</b>

- *At sea citation trends* are oriented toward stowage plans, illegal attachments and mesh size, of which most are relatively new NCEM provisions.
- *In port citation trends* are oriented toward inaccurate recording, labeling and bycatch requirements. Total in port citations are increasing within the 3 year period.

*Number of Citations*

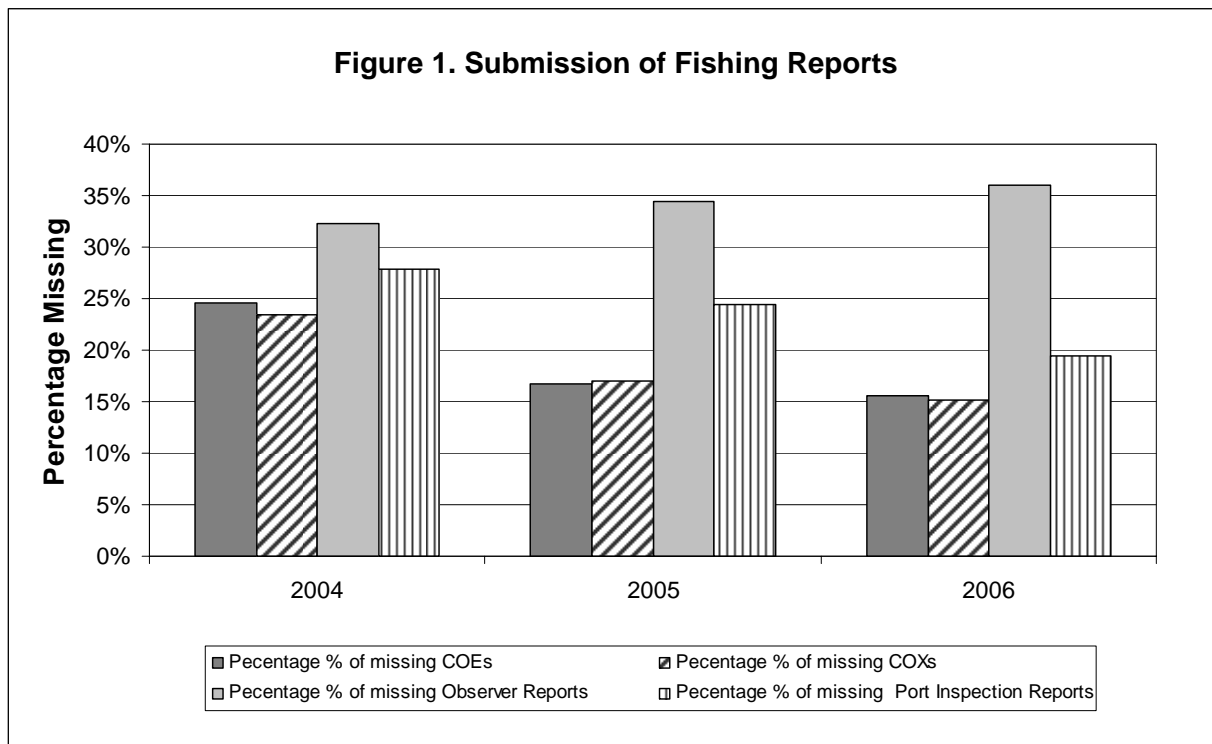
<i>Year</i>	<i>At sea</i>	<i>In Port</i>
<b>2004</b>	<b>18</b>	<b>10</b>
<b>2005</b>	<b>31</b>	<b>6</b>
<b>2006</b>	<b>22</b>	<b>16</b>

*Conclusions:*

- Report Submission is improving however timeliness is still a concern
- General decrease in number of vessels and inspections however not relative to the decrease in number of vessels.
- The frequency of at sea inspections has increased relative to the number of active vessels and fishing days in the NRA.
- From 2004 – 2006 there was a 10% reduction in inspections versus a 31% reduction in vessels and a 47% reduction in fishing days.
- Shift in at sea citations toward new NCEM provisions such as stowage plans and product labeling.
- Increase in port detection of citations oriented toward inaccurate recording and labeling.
- It can take 2 years for follow up to citations
- Additional items for consideration in future as assessment indicators may include:
  - port inspection landings versus amounts reported in COX
  - data source comparison of catch data (VMS, COX, port inspection)
  - electronic mapping of water depth versus directed species
- CP's need to ensure an accurate analysis of data occurs and up to date data is available to secretariat

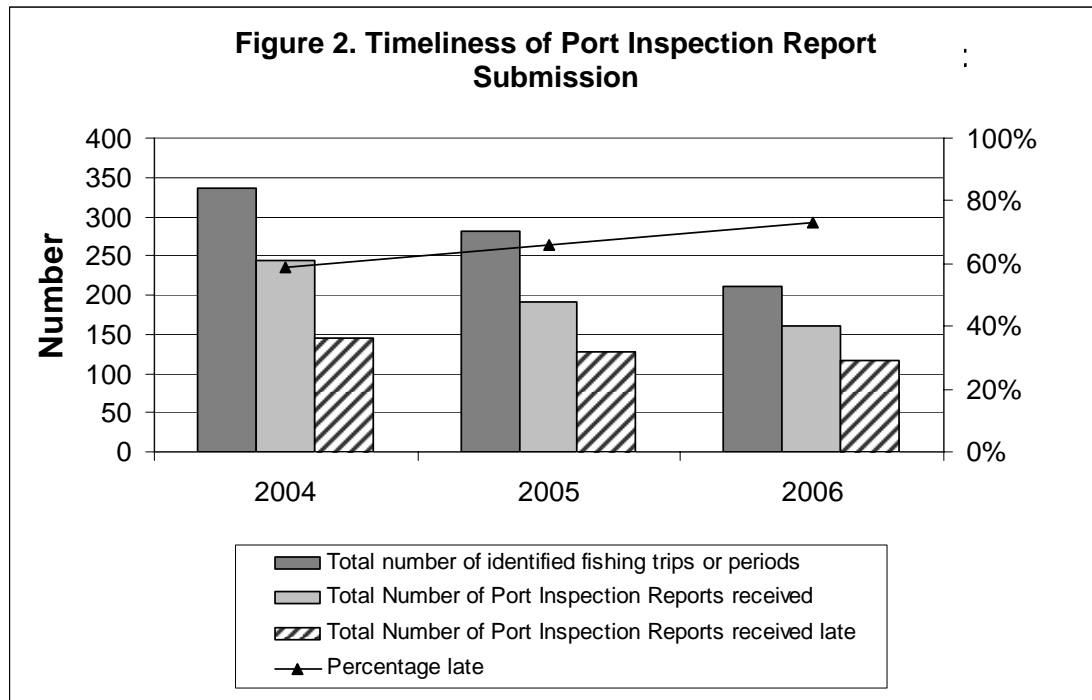
**Table R-1. Submission of fishing reports**

Year	2004	2005	2006
Total number of identified fishing trips/periods	337	282	211
Number of COE received	254	235	178
Percentage of missing COE	25%	17%	16%
Number of COX received	258	234	179
Percentage of missing COX	23%	17%	15%
Number of fishing trips covered by Observer Reports or CAX/OBR	228	185	135
Percentage of missing Observer Reports	32%	34%	36%
Number of fishing trips covered by Port Inspection Reports or TRA/POR	243	213	170
Percentage of missing Port Inspection Reports	28%	24%	19%



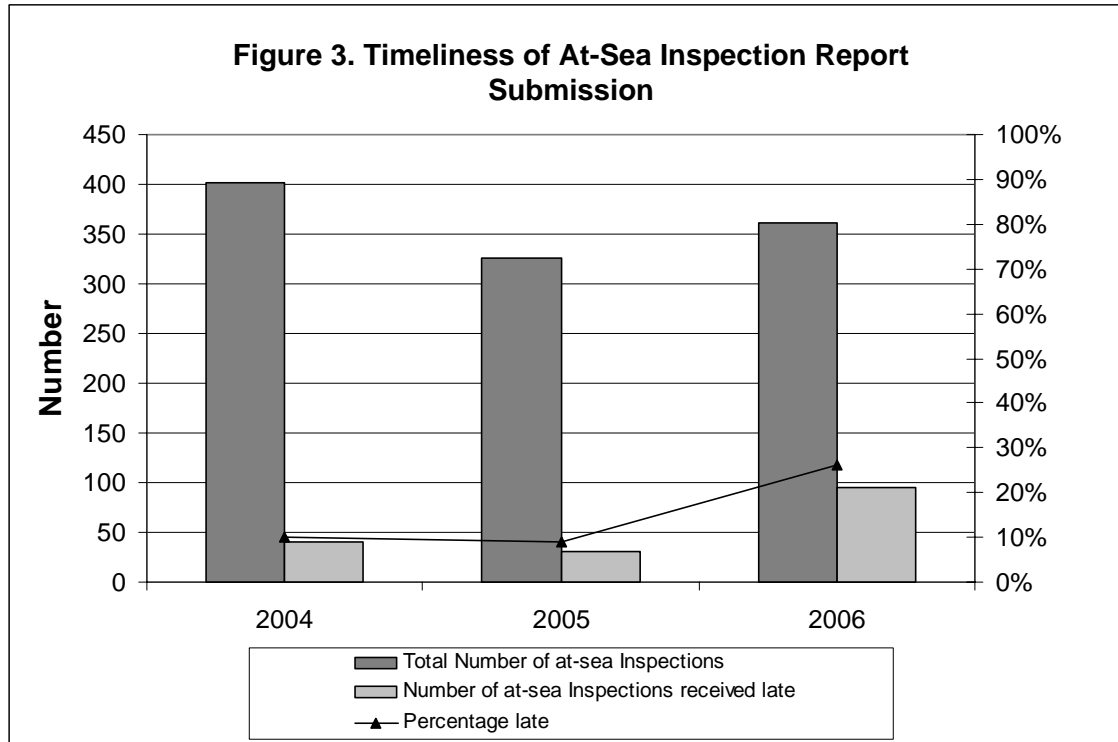
**Table R-2. Timely submission of Port Inspection Reports**

Year	2004	2005	2006
Total number of identified fishing trips	337	282	211
Total Number of Port Inspection Reports received	243	192	160
Total Number of Port Inspection Reports received late	144	127	117
Percentage of late Port Inspection Reports	59%	66%	73%



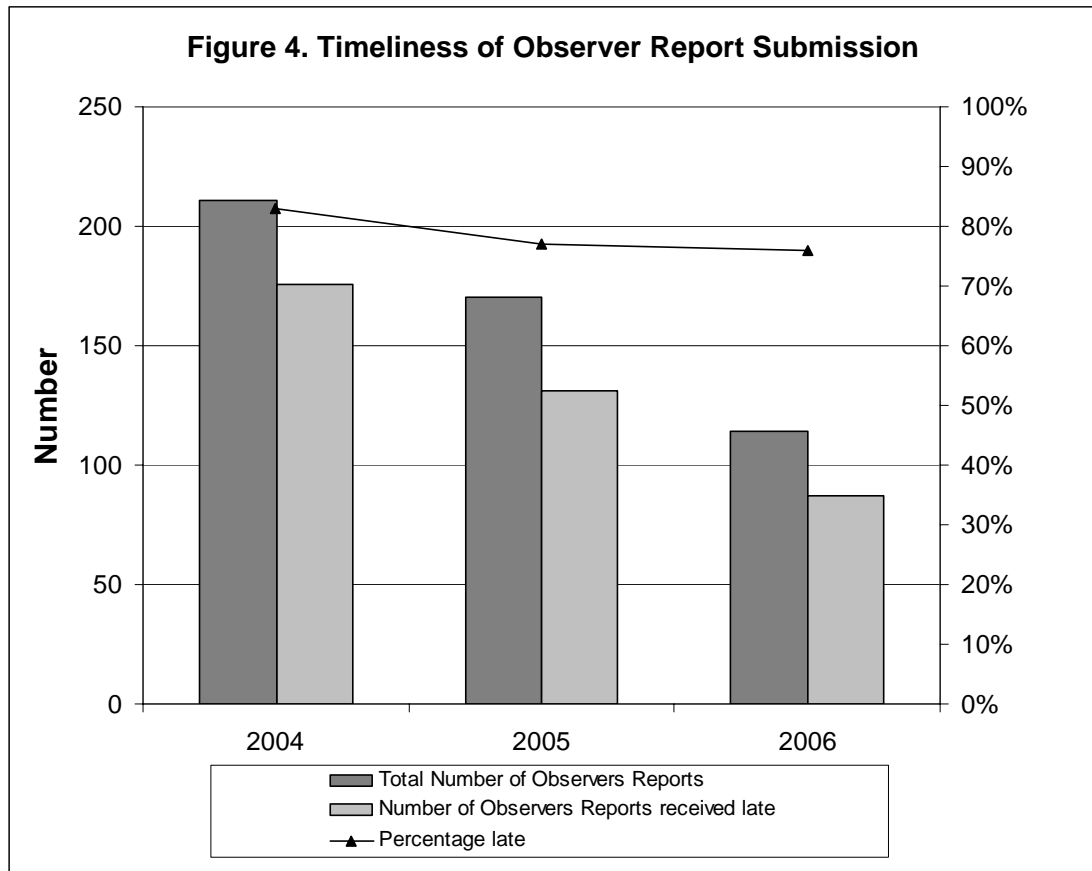
**Table R-3. Timely submission of at-sea Inspection Reports**

Year	2004	2005	2006
Total Number of at-sea Inspections	401	326	361
Number of at-sea Inspections received late	40	30	95
Percentage of late at-sea Inspection Reports	10%	9%	26%



**Table R-4. Timely submission of Observers Reports**

Year	2004	2005	2006
Total Number of Observers Reports	211	170	114
Number of Observers Reports received late	176	131	87
Percentage of late Observers Reports	83%	77%	76%



**Table R-5A. Effort, at sea inspections, citations by fisheries type (2004)**

<b>FISHERIES*</b>	<b>GRO</b>	<b>PRA</b>	<b>REB</b>	<b>Total</b>
Number of vessels	63	33	48	134
Days Present in NRA	9966	5100	1414	16480
Effort (days present x KW x 1000)	13670.6	11810.3	3189.0	28669.9
Number of at-sea inspections	328	73	0	401
Citations issued by category - from at-sea and (port) inspections				
By-catch requirements	3 (1)	0 (0)	0 (0)	3 (1)
Catch communication violations				
Fishing without authorization	0 (1)	1 (0)	0 (0)	1 (1)
Gear requirements - illegal attachments	1 (0)	0 (0)	0 (0)	1 (0)
Gear requirements - mesh size	5 (2)	0 (0)	0 (0)	5 (2)
Inspection protocol	2 (0)	0 (0)	0 (0)	2 (0)
Mis-recording of catches - inaccurate recording	0 (6)	0 (0)	0 (0)	0 (6)
Mis-recording of catches -stowage				
Observer requirements				
Product labeling	0 (0)	1 (0)	0 (0)	1 (0)
Quota requirements	1 (0)	0 (0)	0 (0)	1 (0)
Vessel requirements - capacity plans	3 (0)	0 (0)	0 (0)	3 (0)
VMS requirements	1 (0)	0 (0)	0 (0)	1 (0)
<b>Total At-Sea Citations</b>	16	2	0	18
<b>Total Citations</b>	26	2	0	28

\* 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.

**Table R-5B. Effort, at sea inspections, citations by fisheries type (2005)**

<b>FISHERIES*</b>	<b>GRO</b>	<b>PRA</b>	<b>REB</b>	<b>Total</b>
Number of vessels	50	27	53	116
Days Present in NRA	6948	3558	1784	12290
Effort (days present x KW x 1000)	9326.2	8164.4	4277.2	21767.8
Number of at-sea inspections	270	55	1	326
Citations issued by category - from at-sea and (port) inspections				
By-catch requirements	2 (3)	0 (0)	0 (0)	2 (3)
Catch communication violations				
Fishing without authorization	0 (0)	1 (0)	0 (0)	1 (0)
Gear requirements - illegal attachments	2 (0)	1 (0)	0 (0)	3 (0)
Gear requirements - mesh size	3 (1)	0 (0)	0 (0)	3 (1)
Inspection protocol	3 (1)	1 (0)	0 (0)	4 (1)
Mis-recording of catches - inaccurate recording	5 (1)	1 (0)	0 (0)	6 (1)
Mis-recording of catches -stowage	5 (0)	0 (0)	0 (0)	5 (0)
Observer requirements	0 (0)	1 (0)	0 (0)	1 (0)
Product labeling	2 (0)	1 (0)	0 (0)	3 (0)
Quota requirements				
Vessel requirements - capacity plans	2 (0)	0 (0)	0 (0)	2 (0)
VMS requirements	0 (0)	1 (0)	0 (0)	1 (0)
<b>Total At-Sea Citations</b>	24	7	0	31
<b>Total Citations</b>	30	7	0	37

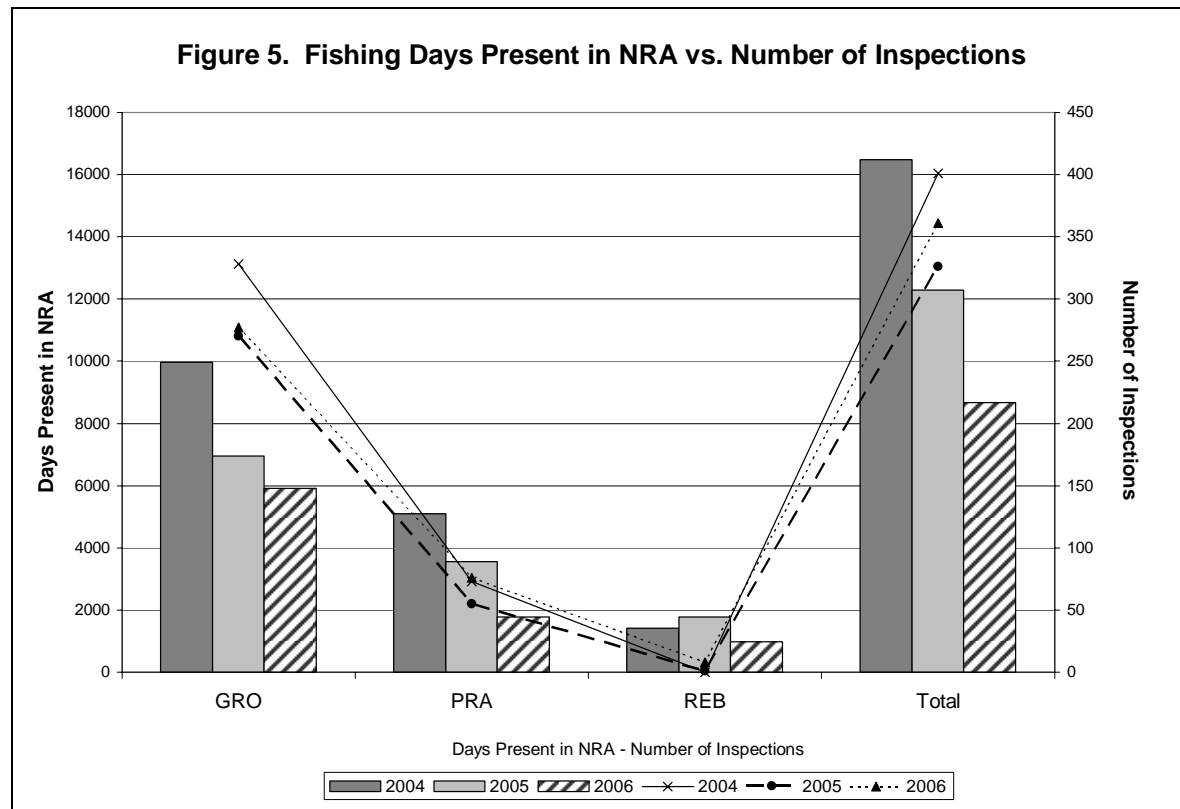
\* GRO = groundfish primarily in Divs. 3KLMNO; PRA = shrimp fisheries in Divs. 3LM; REB = redfish in Divs. 1F2J \*\* Some vessels switched directed species within the year.

Table R-5C. Effort, at sea inspections, citations by fisheries type (2006)

FISHERIES*	GRO	PRA	REB	Total
Number of vessels	45	21	42	92
Days Present in NRA	5908	1776	979	8663
Effort (days present x KW x 1000)	9015.1	4298.5	2101.6	15415.2
Number of at-sea inspections	277	76	8	361
Citations issued by category - from at-sea and (port) inspections				
By-catch requirements	2 (2)	0 (0)	0 (0)	2 (2)
Catch communication violations	0 (1)	0 (0)	0 (0)	0 (1)
Fishing without authorization				
Gear requirements - illegal attachments	2 (0)	2 (0)	1 (0)	5 (0)
Gear requirements - mesh size	0 (0)	0 (0)	1 (0)	1 (0)
Inspection protocol	0 (0)	1 (0)	0 (0)	1 (0)
Mis-recording of catches - inaccurate recording	3 (8)	0 (0)	0 (0)	3 (8)
Mis-recording of catches -stowage	5 (0)	1 (0)	0 (0)	6 (0)
Observer requirements				
Product labeling	1 (4)	2 (0)	0 (0)	3 (4)
Quota requirements	0 (1)	0 (0)	0 (0)	0 (1)
Vessel requirements - capacity plans	1 (0)	0 (0)	0 (0)	1 (0)
VMS requirements				
<b>Total At-Sea Citations</b>	14	6	2	22
<b>Total Citations</b>	30	6	2	38

\* 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.





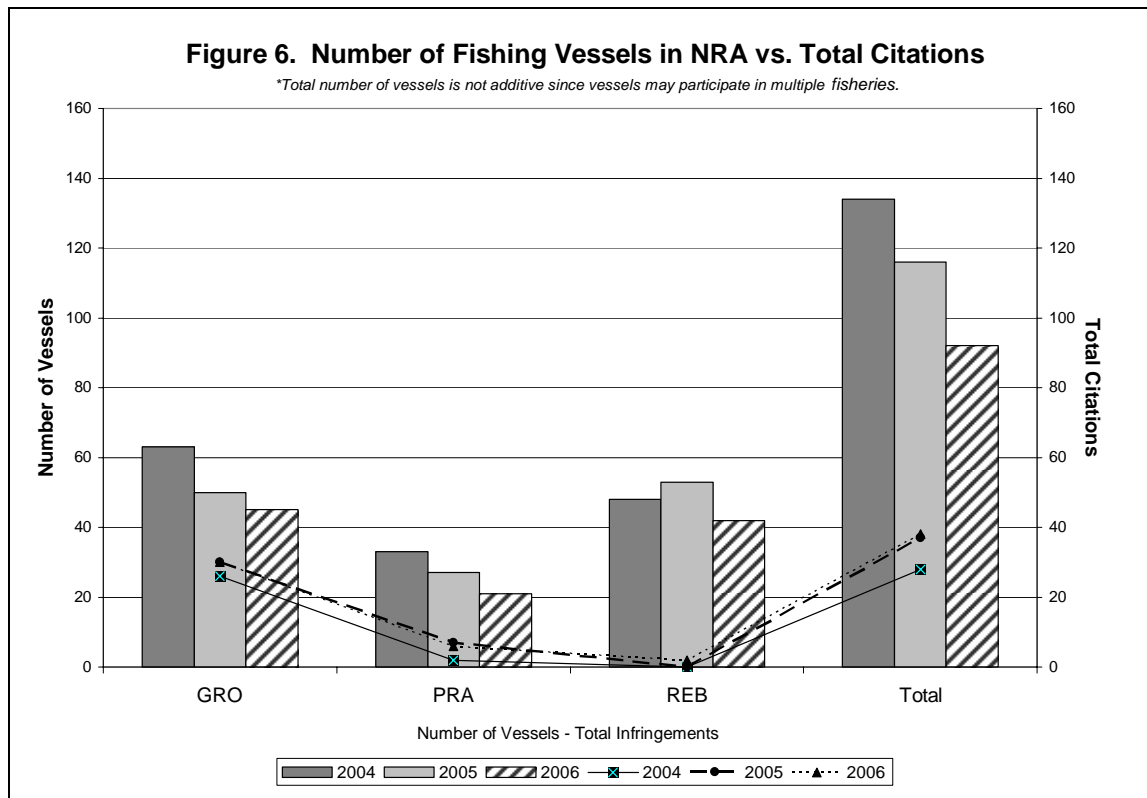


Table R-6. Resolution of Citation Cases (as of July 2007)

Year	2004	2005	2006
Number of Citation Cases Issued*	24	26	29
Number of Citation Cases Solved	24	19	11

\* Number of at-sea and port inspection reports with citations.  
 Reports serving to confirm previously reported AI incidents are not counted.

Table R-7A. Inspections/Days Present and Citations/Inspections (2004)

<b>2004</b>	<b>GRO</b>	<b>PRA</b>	<b>REB</b>	<b>Total</b>
Number of vessels	63	33	48	134
Days Present in NRA	9966	5100	1414	16480
Number of at-sea inspections	328	73	0	401
Total At-Sea Citations	16	2	0	18
<b>Inspections/Days</b>	3.3%	1.4%	0.0%	2.4%
<b>Citations/Inspections</b>	4.9%	2.7%	0.0%	4.5%

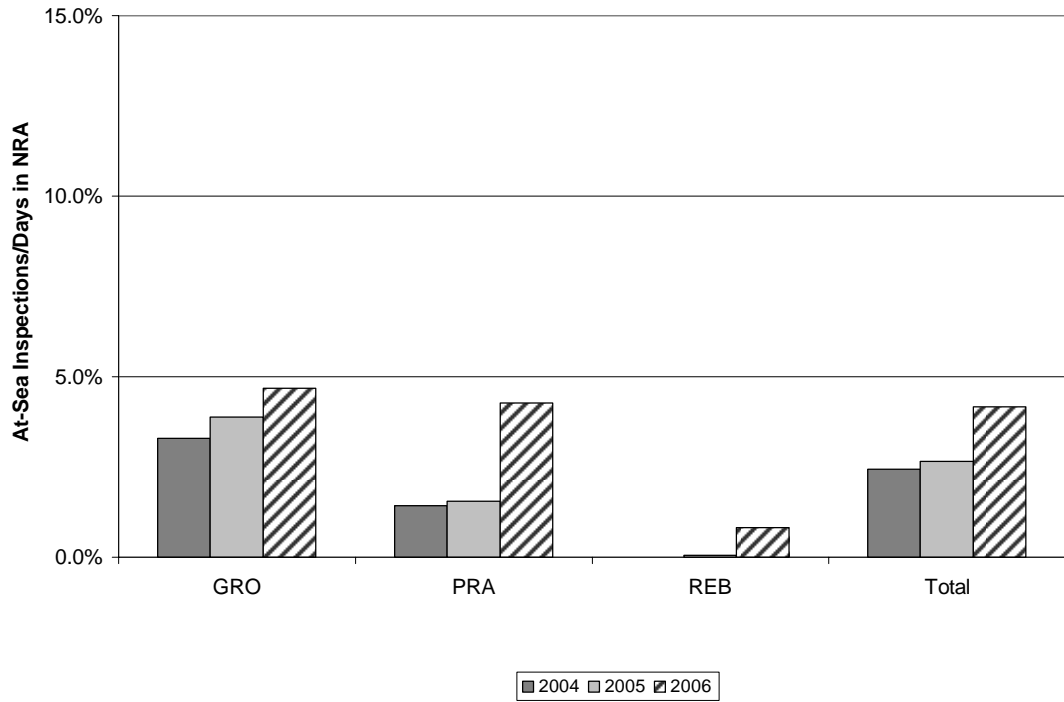
Table R-7B. Inspections/Days Present and Citations/Inspections (2005)

<b>2005</b>	<b>GRO</b>	<b>PRA</b>	<b>REB</b>	<b>Total</b>
Number of vessels	50	27	53	116
Days Present in NRA	6823	3558	1909	12290
Number of at-sea inspections	270	55	1	326
Total At-Sea Citations	24	7	0	31
<b>Inspections/Days</b>	4.0%	1.5%	0.1%	2.7%
<b>Citations/Inspections</b>	8.9%	12.7%	0.0%	9.5%

Table R-7C. Inspections/Days Present and Citations/Inspections (2006)

<b>2006</b>	<b>GRO</b>	<b>PRA</b>	<b>REB</b>	<b>Total</b>
Number of vessels	45	21	42	92
Days Present in NRA	5908	1776	979	8663
Number of at-sea inspections	277	76	8	361
Total At-Sea Citations	14	6	2	22
<b>Inspections/Days</b>	4.7%	4.3%	0.8%	4.2%
<b>Citations/Inspections</b>	5.1%	7.9%	25.0%	6.1%

**Figure 7. Relationship Between At-Sea Inspections and Fishing Days in NRA**



**Figure 8. Relation Between At-Sea Citations and At-Sea Inspections**

