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23-27 September, 2013
Halifax, Nova Scotia, Canada

Committed to **Conservation** and **Management** of **Fisheries** and **Ecosystems** in the Northwest Atlantic



2 Morris Drive, Suite 100
Dartmouth, Nova Scotia,
Canada B3B 1K8

+1 (902) 468-5590
Email: info@nafo.int

www.nafo.int

NORTHWEST ATLANTIC FISHERIES ORGANIZATION

Annual Report 2013

This Annual Report summarizes and highlights discussions, decisions and events of NAFO during 2013. It does not replace the detailed NAFO meeting reports (*Scientific Council Reports and Meeting Proceedings of the General Council and Fisheries Commission*) that are accessible on the NAFO Website.

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NORTHWEST ATLANTIC FISHERIES ORGANIZATION

2 Morris Drive, Suite 100
 Dartmouth, Nova Scotia, Canada B3B 1K8
 Tel.: +1 (902) 468-5590
 Fax: +1 (902) 468-5538
 E-mail: info@nafo.int

April 2014

2013 A Year in Review



2013 was a busy year. NAFO continued to address recommendations made by the Performance Review Panel and the status of these recommendations was reviewed. NAFO continued to protect Vulnerable Marine Ecosystems and worked towards plans to re-open moratoria stocks in the NAFO Regulatory Area. Meetings between fishery managers and scientists continue with improved arrangements that will allow more open dialogue and transparency.

NAFO also set Total Allowable Catches for all managed stocks and reviewed and developed other fishery management regulations.

Efforts to improve the confidence in fishery catch statistics were front and center and NAFO will address recommendations made by an Expert Panel early in 2014.

A Joint Working Group with NEAFC has been established to review technical issues related to the generating, storing, transmitting and use of fisheries related data. This will provide consistency for fishing nations across both sides of the Atlantic Ocean.

In 2013 we said farewell to Vladimir Shibanov after four years with the NAFO Secretariat. In 2014 a new Executive Secretary, Fred Kingston, will begin his tenure with NAFO.



CONTRACTING PARTIES of NAFO



Status of Ratification

In 2013 Norway, Canada, EU, Cuba and Russian Federation had completed the ratification process. NAFO needs nine of twelve Contracting Parties to ratify the amended Convention in their own parliaments before it can become a legally binding instrument.



NAFO Officers

General Council



General Council Chair
President of NAFO
Veronika Veits (EU)
(re-elected Sep. 13)



General Council
Vice-Chair
Stéphane Artano (SPM)
(elected Sep. 12)



STACFAD Chair
Deirdre Warner-Kramer
(USA) (re-elected Sep. 12)



STACFAD Vice-Chair
Elise Lavigne (Canada)
(elected Sep. 13)

Fisheries Commission



Fisheries Commission
Chair
Sylvie Lapointe (Canada)
(re-elected Sep. 13)



Fisheries Commission
Vice-Chair - Temur Tairov
(Russian Federation)
(elected Sep. 12)



STACTIC Chair
Gene Martin (USA)
(re-elected Sep. 12)



STACTIC Vice-Chair
Aronne Spezzani (EU)
(elected Sep. 12)

Scientific Council



Scientific Council Chair
Don Stansbury (Canada)
(elected Sep. 13)



SC Vice-Chair &
STACREC Chair
Katherine Sosebee (USA)
(elected Sep. 13)



STACFIS Chair
Brian Healey (Canada)
(elected Sep. 13)



STACFEN Chair
Estelle Couture (Canada)
(elected Sep. 13)



STACPUB Chair
Margaret Treble (Canada)
(re-elected Sep. 13)

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ADMINISTRATION

Peer Review Panel

NAFO continued its efforts to improve confidence in fishery statistics. In 2012 a Peer Review Expert Panel (PREP) was established with a mandate to: “to carry out a review of the methodology and sources of information used by the NAFO Scientific Council (STACFIS) to provide overall catch”. NAFO was very active during late 2012 and in 2013 investigating and addressing concerns about estimates of catch. As a result a number of recommendations were made by the Panel.

During the annual meeting NAFO held frank and fruitful discussion between fisheries managers and scientists as to the best way to build confidence in the reliability of the data available to the organization. An ad hoc working group will continue the discussions in 2014. A number changes to NAFO regulations, allowing scientists access to data previously collected for compliance purposes, were agreed.

FINANCIAL STATUS UPDATE

The Standing Committee on Finance and Administration or STACFAD as it is often called, oversees the budget and administrative matters of the Secretariat. Deirdre Warner-Kramer (USA) chaired the committee during its deliberations at the 2013 Annual Meeting in Halifax, Nova Scotia, Canada.

The overall financial affairs of the Organization continue to be in sound shape. Following the recommendation from the prior year to apply International Financial Reporting Standards (IFRS), the Committee was pleased to receive word from its Auditors that the transition to IFRS went smoothly. The Committee also recognized that there can be a significant amount of time and resources involved with both the tendering process of selecting new Auditors and also during the transitional period for the new Auditors. Therefore, the Committee recommended the financial regulations be amended to allow Auditors to serve for a maximum term of five years, up from a previous maximum of three years.

The 2013 the operating budget was set at \$1.875 million of which \$1.67 million was financed through contributions received from its Contracting Parties (Fig. 1). The NAFO Convention (Article XVI.3) establishes a three part cost sharing formula, including a proportion based on the nominal catches in the Convention Area.

Without a doubt the most challenging aspect for the Committee is the consideration of the budget proposal for the following year. Many of NAFO's Contracting Parties are still facing financial

Follow-up to Performance Assessment

The implementation of the Performance Review Panel recommendations continues to be addressed in all NAFO Bodies.

A compilation of the status of these recommendations was prepared and NAFO was pleased with progress to date. In most cases actions have been taken or ongoing in order to address the recommendations from the Panel.

A database of PA recommendations was developed as an internship project and a downloadable pdf of the status is available on the NAFO website.

(<http://www.nafo.int/about/frames/activities-pa.html>).



constraints within their own governments and increases to their contributions can be difficult. After various revisions and reductions to the budget proposal, the Committee was able to put forward a zero growth budget of \$1.89 million for the 2014 fiscal year. Although the 2014 budget was maintained at the same level

as the 2013 approved budget, concerns were noted for the need to ensure that the Secretariat's core functions and services are still being maintained, and to not create any unfunded mandates.

In line with the NAFO Performance Review Panel's request to research any potential cost-recovery measures, the Committee recommended an appropriate attendance fee be established and charged for accredited observers to offset the additional costs of their participation at such meetings.

In the area of human resources, it was a very active year with the retirement of the Senior Personal Assistant to the Executive Secretary and then the subsequent recruitment of an Administrative Assistant to fill the vacant position. At the last Annual Meeting, the Organization approved the creation of the new Database Manager position which was filled in mid-April 2013. Finally, the recruitment process for the selection of a new Executive Secretary (ES) was performed during the year with the changeover occurring at the end of 2013.

The next meeting of STACFAD will be held in September 2014 during the 2014 Annual Meeting of NAFO in Galicia, Spain.

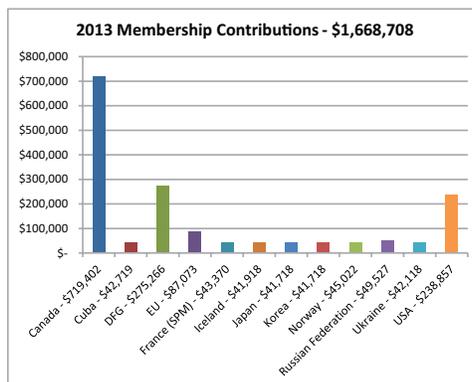


Fig. 1



FISHERIES

Fishery Trends

NAFO identifies three main fisheries in its Regulatory Area: the groundfish (GRO – primary in Div. 3KLMNO), shrimp (PRA – primary in Div. 3LM) and pelagic redfish fisheries (REB – primarily in Div. 1F and 2J).

In 2013, there were 64 fishing vessels spending a total of 4 779 days in the NAFO Regulatory Area (Table 1). 160 trips were identified. Groundfish fishery accounted for 94% of the total fishing effort, shrimp around 4%, and the pelagic redfish fishery around 2% (Fig. 2).

Although there was a decrease of about 24% of the total number of days of the shrimp fishing effort in 2013 compared to the previous year, an overall 13.3% decrease of the total fishing effort was observed (Table 1) compared to 2012. The net decrease could be attributed largely to the pelagic redfish fishery and shrimp fishery in 2013. Shrimp fishing effort has continued its decline since the 3M shrimp moratorium in 2010. The groundfish fishery effort decreased at a modest 10.7% (Table 1).

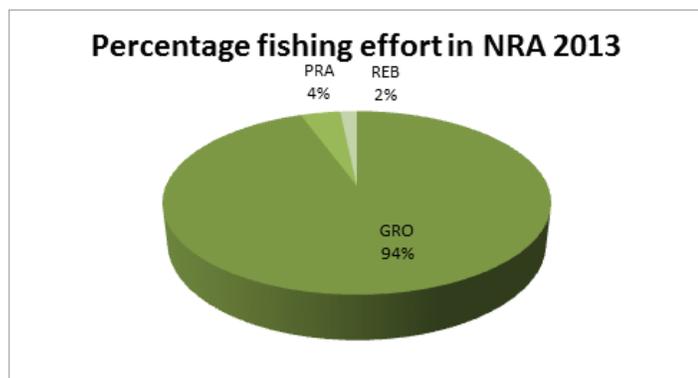


Fig. 2

% change				
effort (fishing days)	GRO	PRA	REB	Total
2012	5 050	250	210	5510
2013	4 509	190	79	4779
% change	-10.7%	-24.0%	-62.4%	-13.3%
# vessels	GRO	PRA	REB	total
2012	44	5	8	57
2013	54	7	4	64
% change	22.7%	40.0%	-50.0%	12.3%

Table 1. GRO=Groundfish, PRA=Shrimp, REB=Pelagic Redfish



For the period 2004–2013, the overall fishing activities in the NRA show a declining trend, from 134 active vessels in 2004 to 64 in 2013, representing a 53% decrease (Fig. 3). The decline in terms of overall fishing days was a 71% decrease for the same period from 16 480 days in 2004 to 4 779 days in 2013. The average number of days each vessel operates in the NAFO Regulatory Area also declined from 123 days in 2004 to 75 days in 2013.

Fig. 3 illustrates the changes described above for each of the major fisheries. The general decline since 2004 is observed for the three fisheries, with pelagic redfish fishery being close to disappearance in 2009 and resurging in 2012 with a slight decline in 2013. NAFO fisheries remain dominated by the groundfish category.

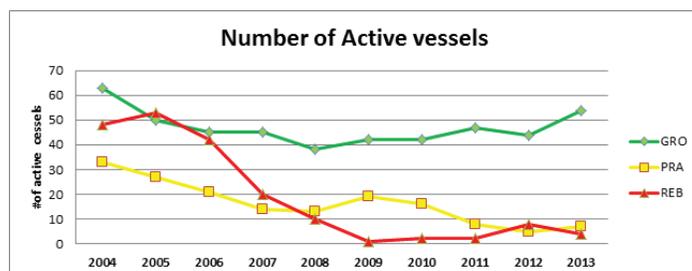
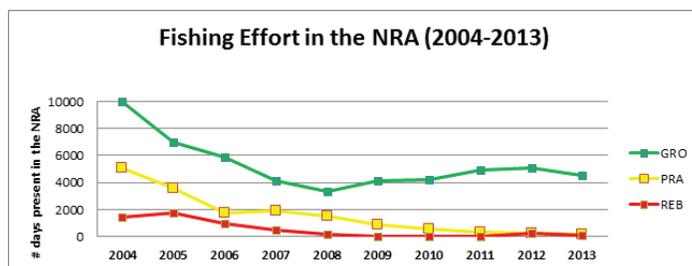


Fig. 3





Compliance

The Joint Inspection and Surveillance Scheme is implemented to ensure compliance of NAFO-registered fishing vessels in the NAFO Regulatory Area. Inspectors are appointed by Contracting Parties and assigned to fishery patrol vessels tasks to carry out inspection duties at sea. In 2013, Canada and the European Union deployed inspection vessels in the NRA.

In all 170 boarding/inspections were conducted. Two kinds of apparent infringements were detected by the inspectors: concerning move-away provisions and retaining redfish stocks on board after closure notification. Both were considered non-serious. One vessel was involved in the former, and 12 vessels in the latter.

The year 2013 saw the least number of distinct infringements detected.

After further investigation by the flag States concerned, most of the cases involving redfish retention were dismissed. It was determined that the vessels were not notified in due time of the closure. The Standing Committee on International Control (STACTIC) is reviewing the current redfish provisions in the NAFO Conservation and Enforcement Measures (NCEM).



Photo courtesy of Mads Hvid Ribergaard



Photo courtesy of Diana González-Troncoso

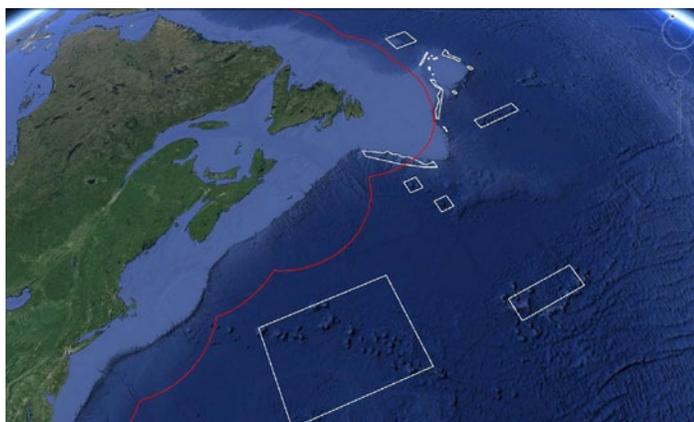


Redfish trawl net.

Photo courtesy of Ismael Núñez-Riboni



Management



©GoogleEarth

Sponge/Coral and Seamount Protection Areas

In 2013 NAFO agreed to extend the boundaries of three existing areas closed to bottom fishing and create a new closed area. NAFO now has a total of **19** areas closed to bottom fishing to protect corals, sponges and seamounts.

Inspection Website

The Inspectors' Website that was developed in 2012 underwent several refinements in 2013. The site allows inspectors to retrieve detailed information on vessels authorized to fish in the NAFO Regulatory Area. Inspectors can also view recent inspection activity and reports, along with current chartering arrangements. Development and expansion of this site is ongoing, particularly on the automation of reporting requirements related to Port State Measures.

SCIENCE and FISHERIES

NAFO took further steps to enhance the dialogue between scientists and fisheries managers through the establishment of two joint working groups, answering to both NAFO Scientific Council and Fisheries Commission, on the ecosystem approach and risk-based approaches to stock management. These groups will provide a review of Scientific Council advice and drafting of measures for consideration by Fisheries Commission. These meetings will support open dialogue between managers and scientists, and be open to accredited observer organizations, improving transparency and accountability of NAFO. NAFO will also convene an ad hoc working group to look at discards, bycatch and selectivity issues.



Total Allowable Catch

Based on scientific advice existing moratoria were extended to allow rebuilding of depleted stocks, while quotas for others were set.

TAC table 2013 and 2014

Stock/Year	2013	2014
3L Cod	*	*
3M Cod	14 113	14 521
3NO	*	*
3LN Redfish	6 500	7 000
3M Redfish	6 500	6 500
3O Redfish	20 000	20 000
Sub-Area 2 and Div. 1F+3K Redfish	0	0
3LNO American plaice	*	*
3M American plaice	*	*
3LNO Yellowtail flounder	17 000	17 000
3L Witch flounder	*	*
3NO Witch flounder	*	*
3NO White hake	1 000	1 000
3NO Capelin	*	*
3LNO Skates	7 000	7 000
3LMNO Greenland halibut	11 493	11 442
Sub-areas 3+4 Squid (Illex)	34 000	34 000
3L Shrimp	8 600	4 300
3NO Shrimp	*	*
3M Shrimp	*	*

*Moratorium

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SCIENCE



June Scientific Council meeting - Dartmouth waterfront overlooking Halifax Harbour.

Left to right: Antonio Avila de Melo, Raphael Duarte; Ricardo Alpoim, Jean-Claude Mahé, Antonio Vázquez, Diana González-Troncoso; Joel Vigneau, Carsten Hvingel, (kneeling) Fernando González-Costas

Stock Status

NAFO Scientific Council met in June of 2013 to produce advice on nine stocks, and to monitor the status of a further six. The growth of the cod stock on the Flemish Cap remained strong, however there is a high element of uncertainty associated with this growth, and Scientific Council advised a cautious approach to maximize long-term returns. Because of weaker incoming recruitment and uncertainty regarding current levels of natural mortality in the Flemish Cap redfish stock, Scientific Council recommended maintaining the current level of catches. There was no change to the recommendation of a moratorium for American plaice in the same area.

On the southern Grand Bank continued growth of the cod stock was observed, but levels are still below those which could be sustainably exploited and Scientific Council advised extending the moratorium. The yellowtail flounder stock remains in good health and catch options of up to 27 000 t were advised for 2014. Advice for the other stocks was reiterated.

Scientific Council met again in September to consider the status of the shrimp stocks, for the first



time using the latest survey information. The Flemish Cap stock remains below its biomass limit reference point, while the stock on the Grand Bank was found to have fallen to a similar limit.

Cod 3M still increasing, based mainly on 2010 year class, large but uncertain.



Fisheries & Environment

During their annual meeting, Scientific Council also discussed the general climate of the northwest Atlantic over the previous year. Oceanographic conditions in NAFO waters are mainly determined by the strength of the winter atmospheric circulation over the northwest Atlantic, measured by the North Atlantic Oscillation index (NAO) Index. Winter sea level atmospheric pressure was below normal across the northern areas while the Azores High was significantly higher than normal. This resulted in a

Positive NAO index during 2012, and as a consequence, outflow of arctic air masses to the northwest Atlantic during the winter were greater than in 2011. Annual sea surface temperatures in 2012 were above normal over much of the North Atlantic with values from 0.5-1.5°C above normal over much of the NAFO Area. Winter air temperatures were above normal south of Newfoundland but lower than normal over much of the Labrador Sea. Annual average air temperatures were above normal over the entire NAFO area with positive anomalies greater than 1°C.

Sea ice extent during 2012 on the Newfoundland and Labrador Shelf remained lighter than normal. The annual average extent was the lowest on record in 2011 but increased slightly in 2012. In 2009 there were 1 204 icebergs detected south of 48°N on the Northern Grand Bank. Since then the numbers have been low, only 3 in 2011 and 499 in 2012.

Visit

<http://www.nafo.int/science/frames/ocs.html>
for complete information





Back row, left to right: Neil Campbell, Scientific Council Coordinator; Don Stansbury, Vice-Chair SC and Chair of STACREC; Middle row: Mariano Alonso-Koen Co-Chair WGESA (Working Group on Ecosystem Science and Assessment); Jean-Claude Mahé, Chair of STACFIS; Gary Maillet, Chair of STACFEN

Front row, left to right: Carsten Hvingel, Chair of SC; Margaret Treble, Chair of STACPUB; Andrew Kenney Co-Chair WGESA.



Scientific Council members, left to right from the top: Tom Reilly, Ricardo Alpoim, Guillaume Dauphin, Ole Jørgensen, Dawn Maddock Parsons, Brian Healey, Bill Brodie, Kathy Sosobee, Margaret Treble, Don Stansbury, Mark Simpson, Vladimir Babyan, Jean-Claude Mahé, Lisa Hendrickson, Neil Campbell, Fernando González-Costas, Joanne Morgan, Gary Maillet, Danny Ings, Diana González-Troncoso; Mathieu Oullet, Karen Dwyer, Konstantin Fomin, Ivan Tretiakov, Rick Rideout, Ismael Núñez-Riboni, Don Power, Vladimir Zabavnikov, Dave Hebert, Eugene Colbourne, Antonio Avila de Mílo, Antonio Vázquez, Estelle Couture, Andrew Kenney, Paul Snelgrove, Jeff Anning, Rasmus Nygaard, Carsten Hvingel, Mariano Alonso-Koen, Barb Marshall.

Ecosystem Approach

The newly renamed Scientific Council Working Group on Ecosystem Science and Assessment (formerly WGEAFM) met at NAFO Headquarters during November 2013 to deal with the requests for ecosystem advice and other standing terms of reference. Topics covered included a review of areas closed to bottom fishing, updates on ecoregions and work towards an integrated ecoregion analysis; on status, functioning and dynamics of ecosystems in the NAFO area, and on Fisheries Production Potential modeling. There was also progress on the development of a revised workplan for the assessment of “Significant Adverse Impacts” on VMEs, and towards the development of re-assessments of bottom fishing activities in the NAFO Regulatory Area, which are due in 2016.



Photos courtesy of Bedford Institute of Oceanography

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NAFO MEETINGS 2013

- 29–31 Jan Ad-hoc WG for joint NEAFC-NAFO Advisory Group on Data Communications (AGDC) - London, UK
- 11–15 Feb ICES/NAFO Joint WG on Deep-water Ecology - Norway
- 23–25 Apr Fisheries Commission - WGFMS Vulnerable Marine Ecosystems (VME) - Halifax, NS, Canada
- 07–09 May STACTIC Intersessional Meeting - London, UK
- 07–20 Jun Scientific Council and its Standing Committees - Dartmouth, NS, Canada
- 09–11 Jul Fisheries Commission - WGFMS Conservation Plans and Management Strategies (CPRS) - Saint Pierre, St. Pierre et Miquelon
- 12–19 Sep Scientific Council and Joint NAFO/ICES Pandalus: Assessment Group - Halifax, NS, Canada
- 23–27 Sep NAFO 35th Annual Meeting - Halifax, NS, Canada
- 15-18 Oct ICES/NAFO Symposium - Gadoid Fisheries: The Ecology and Management of Rebuilding - St. Andrews, NB, Canada
- 19–28 Nov Working Group on Ecosystem Stock Assessment (WGESA) (formerly WG Ecosystem Approach to Fisheries Management (WGEAFM)) - Dartmouth, NS, Canada

MEETINGS



Scientific Council Meeting, June 2013



NAFO Annual Meeting, September 2013



NAFO FC Working Group on Fisheries Managers and Scientists on Vulnerable Marine Ecosystems (WGFMS)(VME) April 2013



SC/NIPAG Meeting, September 2013

NON-NAFO MEETINGS 2013

- 04–08 Feb FAO - Fisheries Information & Monitoring System (FIRMS) and Coordinating Working Party (CWP) on Fishery Statistics - Rome, Italy
- 09-11 Apr International Fisheries Commissions Pension Society (IFCPS) Annual Meeting - Victoria, British Columbia, Canada
- 15-19 Jul The World Conference on Stock Assessment Methods for Sustainable Fisheries (co-sponsored by NAFO) - Boston, MA, USA
- 19-23 Aug Meeting of the Ad Hoc Open-ended Informal WG to study issues relating to the conservation and sustainable use of marine biological diversity beyond areas of national jurisdiction - New York, New York, USA
- 25–26 Jun NEAFC-AGDC meeting - London, UK
- 23–27 Sep ICES Annual Science Conference - Reykjavik, Iceland
- 14-15 Oct EUROSTAT Working Party on Fishery Statistics - Luxembourg
- 02 Oct NEAFC-AGDC - London, UK
- 17 Sep Eastern Newfoundland Strategic Environmental Assessment meeting - St. John's, Newfoundland
- Miscellaneous
- 07 June Oceans Day - Halifax, NS Canada

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MEETINGS

External Meetings

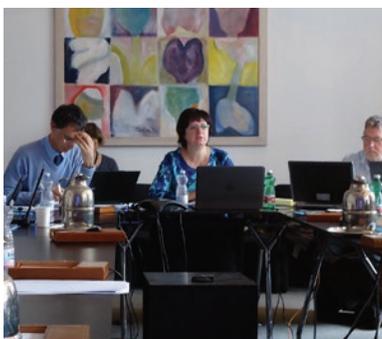
Throughout the year NAFO cooperates with other organizations. Various staff members participated at these external meetings and events:

NEAFC Advisory Group on Data Communications (AGDC) (January 2013)

NAFO received an invitation to co-establish an ad hoc joint NEAFC/NAFO Working Group on AGDC which mandate was to evaluate the possibility of making AGDC, currently a NEAFC body, a joint body of NEAFC and NAFO. This plan was approved at the Annual Meeting.

JAGDM

In order to contribute to harmonization and standardization in the development of fisheries related electronic recording and reporting systems and to enhance fisheries related data communications in the entire north Atlantic, a Joint Advisory Group on Data Management (JAGDM)-has been established to review the design of relevant frameworks and any technical issue related to the generating, storing, transmitting and use of fisheries related data, including data processing, protocols, standards and data security and confidentiality.



FIRMS

Barbara Marshall and Neil Campbell attended the UN-FAO Fisheries Resource Monitoring Systems (FIRMS) Steering Committee Meeting at FAO Headquarters, Rome, in February 2013. The name of the initiative will be updated to the Fisheries Information & Monitoring System.

Coverage continues to increase, with the addition of a number of tuna RFMOs, however coverage in the Pacific and Indian Ocean remains lacking. (<http://firms.fao.org>). Barbara Marshall will be the Chair of the next meeting in early 2015.

NAFO contributions are up-to-date and information on NAFO stocks and fisheries can be found at <http://firms.fao.org>.

CWP

The meeting of the UN-FAO Coordinating Work Party on Fisheries Statistics (CWP) was attended by Neil Campbell and Barbara Marshall, at the FAO Headquarters, Rome, in February 2013. The CWP handbook is currently being revised and new material on data confidentiality and a chapter on the ecosystem approach to fisheries management was discussed. Extensive work has been done on incorporating aquaculture bodies and new RFMO/As into the CWP process.

EUROSTAT Working Group

During 2013 an issue emerged regarding conflicting deadlines for submission of STATLANT 21 data between the NAFO rules of procedure and those in place in a number of flag states. Neil Campbell, the Scientific Council Coordinator, attended the Eurostat Fisheries Statistics Working Group in Luxembourg, 16-17 October, to discuss these issues with data providers and the European authorities. The issue was resolved through dialogue and STATLANT data will continue to be available to Scientific Council well in advance of their annual meeting.

ICES/NAFO Symposium

The ICES/NAFO Symposium: Gadoid Fisheries: The ecology and management of rebuilding was held in St. Andrews, New Brunswick, Canada during 15-18 October, 2013. The symposium addressed historical dynamics and current status of gadoid stocks in the North Atlantic, presented new scientific findings on the biology and ecology of these species that can be used to improve fisheries management, linked biological and environmental changes that can be used to forecast species distribution and productivity in relation to climate change and presented and appraised the effectiveness of management strategies and actions in the absence, under and after rebuilding. Information was disseminated through oral and poster presentations. About 100 people participated and the symposium results will be published in the ICES Journal of Marine Science.



SECRETARIAT **Activities**

Bev McLoon

Bev retired after 33 years at the NAFO Secretariat. Bev worked with four Executive Secretaries, supported multiple meetings of Fisheries Commission and General Council and has helped countless delegates navigate through the NAFO administration. We wish Bev the best of luck as she learns to relax in her new role as a retiree.

Vladimir Shibanov

After a four-year term at the NAFO Secretariat Vladimir returned home to his native Russia at the end of 2013. His term saw the successful execution of the Performance Review Panel of NAFO and the subsequent recommendations and changes that have taken place, and those that are ongoing. During his tenure, many changes were made to the presentation of NAFO materials to incorporate a unified look and feel to all information.

Farewell



12

SECRETARIAT STAFF MEMBERS 2013

Executive Secretary	Vladimir Shibanov
Deputy Executive Secretary and Senior Finance and Staff Administrator	Stan Goodick
Sr. Fisheries Commission Coordinator	Ricardo Federizon
Scientific Council Coordinator	Neil Campbell
Senior Personal Assistant to the Executive Secretary	Beverly McLoon (until Mar. 30 th)
Administrative Assistant	Tracey Ward (from Mar. 25 th)
Sr. Information Officer	Barbara Marshall
Sr. Fisheries Information Manager	Cindy Kerr
IT Manager	Matt Kendall
Database Manager	Mark Harley (from Apr. 15 th)
Publications Manager	Alexis Pacey
Office Manager	Lisa LeFort



Left to right, back row: Matt Kendall, Mark Harley, Barb Marshall, Ricardo Federizon, Neil Campbell, Stan Goodick, Lisa LeFort.

Left to right, front row: Cindy Kerr, Vladimir Shibanov, Alexis Pacey, Tracey Ward

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NEW FACES

Tracey Ward

Tracey Ward commenced her work as Administrative Assistant to the NAFO Executive Secretary in March 2013. Tracey is responsible for the routine communications with NAFO Contracting Parties, compilation and archiving of reports, letters and notifications as well as preparation of meeting materials of General Council and Fisheries Commission and their subsidiary bodies and serves as the main Secretariat contact for NAFO participants. Tracey, originally from the UK, has a wealth of administrative experience gained from roles at the University of Oxford and the Open University in the UK.



Mark Harley

Mark Harley joined the NAFO Secretariat as the Database Manager in April 2013. He brings a wide variety of IT skills and experiences to the Secretariat team. Mark has lived across Canada, and earned his degree from Saint Mary's University in Halifax, Nova Scotia. He has worked in the consulting, legal, and public-sector industries, for both large corporations and start-ups. Prior to joining NAFO, Mark worked with Fisheries and Oceans Canada.



Welcome

13

Internships

Viktorija Egochina

Viktorija came to NAFO from PINRO in Russia to complete a three month internship from February to May this year. Her principal duties at the Secretariat included working with the Fisheries Team on various topics related to the Vessel Monitoring System (VMS), catch monitoring, compliance review, reporting obligations and NAFO Vulnerable Marine Ecosystems (VMEs) conservation.



Tom Reilly

In May, Tom joined the Secretariat for a six month internship. He hails from the UK and his education includes an undergraduate degree in Marine Biology from the University of Newcastle-upon-Tyne and a postgraduate degree in Applied Marine and Fisheries Ecology from Aberdeen University. Tom's work at NAFO is largely based around data sharing, including the use of GIS data to produce a mapping package. Tom also worked on development of a database of Performance Review Panel (PRP) recommendations and the responses to and actions resulting from these recommendations.



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Publications

NAFO publications continued to keep the Secretariat busy in 2013 and a complete list of all publications and documentation is available on the web as well as being listed on the side.

Studies No. 45 was published in October 2012, titled “*Stock-by-Stock Research Vessel Surveys Reported During 2001–2010.*” This is available on-line as well as in CD format, if requested.

The *Journal of the Northwest Atlantic Fishery Science* published its 45th Volume December 2013, which included four articles. The Journal cover was re-designed and updated with the approval of STACUPB.

The publications and documentation team worked together in 2013 to standardize and streamline the publications and documentation process.

EIUI

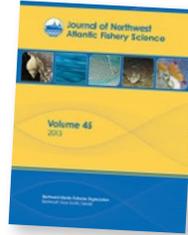
Since 2010, NAFO has been a supporting partner with Dalhousie University, EIUI (Environmental Information Use and Influence), which is part of the Faculty of Management, on the project of grey literature, in particular on how the use and influence of marine environmental and fisheries information influences the policy making and decision making at the intergovernmental/governmental level.

Suzette Soomai is an interdisciplinary PhD student within the project and chose NAFO as one of her case studies. Suzette attended several meetings where she collected data, recorded information and conducted interviews with key staff at the NAFO Secretariat and NAFO-affiliated scientists and managers. In particular, the project uses case studies to learn how organizations, like NAFO, publish and disseminate grey literature on marine and fisheries information and how they promote awareness, access and use of this information by program managers and decision makers, and how it's made available to the public. Emphasis is placed on understanding the complex science-policy interface, the flow of information, and how communication technologies are used to distribute the information.

Suzette's work was not a part of the NAFO Internship Program but was independently funded by the Social Sciences and Humanities Research Council of Canada (SSHRC). NAFO agreed to provide office space to Suzette while completing her work.



Suzette Soomai and Ricardo Federizon



LIST OF NAFO PUBLICATIONS

NAFO Conservation and Enforcement Measures (178 pages)

NAFO Annual Report 2012
(16 page booklet)

NAFO Meeting Proceedings of GC/FC for 2012/2013 (292 pages)

NAFO Scientific Council Reports 2012
(340 pages)

NAFO Scientific Council Studies Number 45, 2013 (on-line and CD only, 95 pages)

NAFO Journal of Northwest Atlantic Fishery Science Volume 45, 2013
(69 pages)

Meeting Documentation CD (GC/FC Proceedings 12–13, SC Reports 2012, NAFO Convention, NCEM 2013, Rules of Procedures, Annual Report 2012)

NAFO Rules of Procedure and Financial Regulations booklet (29 pages)

Coral Identification Guide NAFO Area – a booklet featuring the various corals and seamounts in the NAFO area. (water resistant and tear-proof coil bound booklet - 37 pages)

Sponge Identification Guide NAFO Area – a booklet featuring the various sponges and seamounts in the NAFO area. It is based on the same style as the *Coral Guide*. (water resistant and tear-proof coil bound booklet - 52 pages)

Early Stages of Fishes in the Western North Atlantic Ocean by Michael P. Fahay - Two volume monograph.



ANNUAL MEETING HIGHLIGHTS Halifax, Nova Scotia, Canada - 23-27, September, 2013

The 35th Annual Meeting was held during 23-27 September 2013 at the Westin Hotel, Halifax, NS, Canada. The meeting was attended by 160 delegates from eleven Contracting Parties (Canada, Cuba, Denmark (in respect of Faroe Islands and Greenland), European Union, France (in respect of St. Pierre et Miquelon), Iceland, Japan, Republic of Korea, Norway, Russian Federation and United States of America). Ukraine was unable to attend the meeting.

The meeting was also attended by observers of IGOs from the Fisheries and Agricultural Organisation of the UN (FAO), Northeast Atlantic Fisheries Commission (NEAFC), North Atlantic Marine Mammal Commission (NAMMCO), International Commission for the Conservation of the Atlantic Tunas (ICCAT), Southeast Atlantic Fisheries Organisation (SEAFO) and Conservation of Antarctic Marine Living Resources (CCAMLR), and NGOs—the World Wildlife Fund (WWF), the Ecology Action Centre and Dalhousie University.

The three bodies of NAFO, General Council (chaired by Veronika Veits, EU), Fisheries Commission (chaired by Sylvie Lapointe, Canada) and Scientific Council (chaired by Carsten Hvingel, Norway) and their subsidiary bodies met over the course of a week to deliberate on management measures and



Photo courtesy of Halifax Tourism

scientific assessment regarding the international fisheries of the northwest Atlantic.

A new Executive Secretary, Mr Fred Kingston was elected for a term beginning in January 2014. NAFO is pleased to welcome Mr. Kingston to the NAFO Secretariat. Thanks were offered to the out-going Executive Secretary, Dr. Vladimir Shibanov for his service to NAFO over the last four years.

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Heads of Delegation – left to right; back row: Jong Hwa Bahng (Korea), Hrefna Karlsdóttir (Iceland), Dean Swanson (USA), Sigrun Holst (Norway), Stéphane Artano (SPM), Kenro Iino (Japan), Vasily Sokolov (Russia),

front row: Nora Yong Mena (Cuba), Ulla Wang (DFG), Veronika Veits (President of NAFO and GC Chair), France Pegéot (Canada), Nicolas Dross (EU), Mads Trolle Nedergaard (DFG)

Vladimir Shibanov (Executive Secretary) and Veronika Veits (President of NAFO and GC Chair)



Committed to **Conservation and Management of Fisheries and Ecosystems** in the Northwest Atlantic



2 Morris Drive, Suite 100
Dartmouth, Nova Scotia,
Canada B3B 1K8

+1 (902) 468-5590
Email: info@nafo.int

www.nafo.int



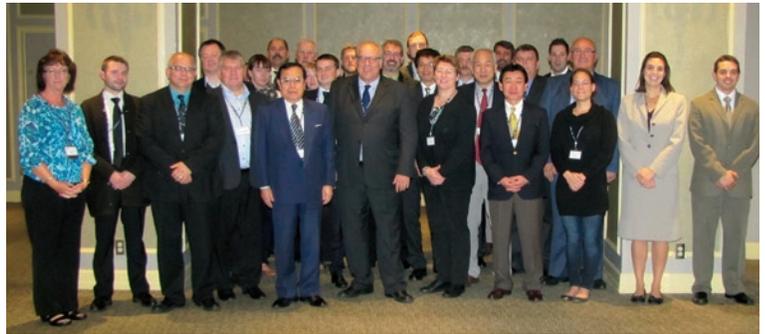
Veronika Veits - President of NAFO and General Council Chair;
Carsten Hvingel - Scientific Council Chair;
Sylvie Lapointe - Fisheries Commission Chair



STACFAD - back row, left to right: Pat Moran, Elise Lavigne, Brinhildur Benediksdottir, Yulia Bedina, Odd Aksel Bergstad, Jean-Marc Philippeau, Lisa LeFort, Esben Ehlers, Fred Kingston.
Front row, left to right: Stan Goodick, Deirdre Warner-Kramer, Vladimir Shibanov, Akiko Onodera.



Bruce Atkinson, Chair of PREP, Sylvie Lapointe, Carsten Hvingel



STACTIC left to right: Cindy Kerr, Petur Jacobsen, Randy Jenkins, Bjorgolfur Ingason, Meinhard Gaardlykke, Hanne Ostgard, Unknown, Takahisa Tanabe, Vadim Agalakov, Epp Meremaa, Indrek Soe, Gene Martin, Chad Ward, unknown, Hiroshi Matsuura, Anna Thormar, Genadijus Babcionis, Junichiro Okamoto, Carlos Chamizo Catalan, Tomonori Sakino, Robert Lambert, Brent Napier, Giuliano Pagliarani, Ellen Motoi, Britta Henrichsen, Doug Cristel



Scientific Council: left to right: Estelle Couture, Joanne Morgan, Herle Goraguer, Ivan Tretiakov, Konstantin Fomin, Mariano Alonso-Koen, Neil Campbell, Mar Sacau, Fernando González-Costas, Silver Sirp, Carsten Hvingel, Diana González-Tronsoso, Bill Brodie, Monica Mondado, Ricardo Alpoim, Daniella Diz, Don Stansbury, Jessica Sanders



Entertainment provided by:
The RCMP Scottish Highland Dancers

