

47th ANNUAL MEETING – SEPTEMBER 2025

**Administrative Report for the period September 2024 to August 2025
and Financial Statements for the fiscal year ending 31 December 2025**

Presented by NAFO Secretariat

This year, NAFO is conducting its 47th Annual Meeting.

1. The Contracting Parties of NAFO (13) constitute the following membership to the NAFO two main bodies:

Canada
Cuba
Denmark (in respect of the Faroe Islands and Greenland) (DFG)
European Union (EU)
France (in respect of St. Pierre et Miquelon)
Iceland
Japan
Norway
Republic of Korea
Russian Federation
Ukraine
United Kingdom (UK)
United States of America (USA)

2. NAFO Officers

Position	Name (Contracting Party)	Term(s)
President of NAFO and Chair of the Commission	Deirdre Warner-Kramer (USA)	Sept. 2023– Sept. 2025
vice-Chair of the Commission	Bernard Briand (France - SPM)	Sept. 2023– Sept. 2025
Chair of the Standing Committee on Finance and Administration (STACFAD)	Robert Fagan (Canada)	Sept. 2020–Sept. 2026
vice-Chair of STACFAD	Imogen Gibbins (United Kingdom)	Sept. 2023– Sept. 2025
Chair of the Standing Committee on International Control (STACTIC)	Patrick Moran (USA)	Sept. 2023– Sept. 2025
vice-Chair of STACTIC	Brent Napier (Canada)	Sept. 2023– Sept. 2025
Chair of the Scientific Council	Diana González-Troncoso (EU)	Sept. 2023–Sept. 2025
vice-Chair of the Scientific Council and Chair of the Standing Committee on Research Coordination (STACREC)	Mark Simpson (Canada)	Sept. 2023–Sept. 2025
Chair of the Standing Committee on Fisheries Science (STACFIS)	Martha Krohn (Canada)	Feb. 2024–Sept. 2025
Chair of the Standing Committee on Publications (STAC PUB)	Rick Rideout (Canada)	Sept. 2021–Sept. 2025
Chair of the Standing Committee on Fisheries Environment (STACFEN)	Miguel Caetano (EU)	Sept. 2021–Sept. 2025

3. NAFO Meetings

September 2024 – August 2025:

- 17–19 September 2024, NAFO Scientific Council and STACFIS Shrimp Assessment Meeting, Halifax, Canada
- 23–27 September 2024, NAFO 46th Annual Meeting, Halifax, Canada
- 05 November 2024, NAFO STACTIC Editorial Drafting Group (EDG) Meeting, Webex
- 12–21 November 2024, NAFO Working Group on Ecosystem Science and Assessment (WG-ESA) Meeting, Halifax, Canada
- 02 December 2024, NAFO Working Group on Improving Efficiency of NAFO Working Group Process (E-WG) Meeting, Webex
- 05 December 2024, SC Intersessional/Precautionary Approach Framework Working Group (PA-WG) Meeting, Webex
- 19 December 2024, Scientific Council Oceanographic Data Inclusion in Stock Assessment Subgroup Meeting, Webex
- 17 January 2025, Scientific Council Oceanographic Data Inclusion in Stock Assessment Subgroup Meeting, Webex
- 22–24 January 2025, NAFO STACTIC Observer Program Review Working Group (WG-OPR) Meeting, Boston, USA
- 30 January 2025, NAFO Scientific Council Intersessional Meeting, 3LN Redfish MSE, Webex
- 26 February 2025, NAFO Joint Commission-Scientific Council Catch Estimation Strategy Advisory Group (CESAG) Meeting, Webex
- 06 March 2025, NAFO STACTIC Meeting on Compliance Review Format meeting, Webex
- 07 March 2025, Scientific Council Oceanographic Data Inclusion in Stock Assessment Subgroup Meeting, Webex
- 11–13 March 2025, FAO/ICES/NAFO Symposium “*Applying the Ecosystem Approach to Fisheries Management in ABNJ*”, Rome, Italy
- 08 April 2025, NAFO Joint Commission-Scientific Council Working Group on Risk-based Management Strategies (WG-RBMS) Meeting, Webex
- 05 May 2025, NAFO Scientific Council STACREC Survey Presentation Meeting, Webex
- 05–07 May 2025, NAFO Standing Committee on International Control (STACTIC) Intersessional Meeting, Bergen, Norway
- 06 May 2025, NAFO Scientific Council Precautionary Approach Framework Working Group (PA-WG), Webex
- 08 May 2025, Scientific Council Oceanographic Data Inclusion in Stock Assessment Subgroup Meeting, Webex
- 29 May–12 June 2025, NAFO Scientific Council and its Standing Committees Meeting, Halifax, Canada
- 09 July 2025, NAFO *ad hoc* Working Group to Reflect on the Rules Governing Bycatches, Discards and Selectivity (WG-BDS) in the NAFO Regulatory Area, Webex
- 14–16 July 2025, NAFO Joint Commission-Scientific Council Working Group on Ecosystem Approach Framework to Fisheries Management (WG-EAFFM) Meeting, Tallinn, Estonia
- 16–18 July 2025, NAFO Joint Commission-Scientific Council Working Group on Risk-based Management Strategies (WG-RBMS) Meeting, Tallinn, Estonia
- 27–28 August 2025, NAFO STACTIC Observer Program Review Working Group (WG-OPR) Meeting, Webex

Meetings September 2025 onwards:

- 02–03 September 2025, NAFO STACTIC Working Group on the Introduction of FLUX UN/CEFACT Standard for fisheries data exchanges in NAFO (WG-FLUX), Bristol, United Kingdom
- 09–11 September 2025, Scientific Council and STACFIS Shrimp Assessment Meeting, Halifax, Canada
- 14 September 2025, NAFO *ad hoc* Working Group to Reflect on the Rules Governing Bycatches, Discards and Selectivity (WG-BDS) in the NAFO Regulatory Area, Halifax, Canada
- 15–19 September 2025, 47th Annual Meeting of NAFO, Halifax, Canada
- 01–02 October 2025, Joint Advisory Group on Data Management (JAGDM) Meeting
- 04–12 November 2025, Scientific Council Working Group on Ecosystem Science and Assessment (WG-ESA) Meeting, Madrid, Spain

4. Secretariat Staff

For the period of September 2024–August 2025, the Secretariat was comprised of the following employees:

Executive Secretary	Brynhildur Benediktsdóttir
Deputy Executive Secretary and Senior Finance and Staff Administrator	Stan Goodick
Fisheries Management Coordinator	Jana Aker
Senior Scientific Information Administrator	Dayna Bell MacCallum
Senior Office Administrator	Sarah Guile
Senior IT Manager	Matthew Kendall
Database Developer/Programmer Analyst	DJ Laycock
Senior Executive Assistant to the Executive Secretary	Lisa LeFort
Senior Publications/Web Manager	Alexis Pacey
Senior Science Coordinator	Andrea Perreault (from February 2025)
Fisheries Information Administrator	Catherine Thompson

5. Publications

During the period of September 2024–August 2025, the NAFO Secretariat prepared, posted to the web and/or printed the following publications:

- Journal of Northwest Atlantic Fisheries Science, Volume 55, 2024
- NAFO Conservation and Enforcement Measures, 2025
- Meeting Proceedings of the Commission, September 2023–August 2024
- NAFO Scientific Council Reports, 2024

All publications and documents are available on the NAFO website: www.nafo.int/Publications

Other initiatives and work:

New visual identity for NAFO

In response to Recommendation #36 of the 2018 NAFO Performance Review, a new visual identity was adopted by NAFO at the 2023 Annual Meeting. At the 2024 Annual Meeting, the new visual identity was launched. Since the 2024 Annual Meeting, the Secretariat has implemented the new visual identity.

FAO/ICES/NAFO Symposium “Applying the Ecosystem Approach to Fisheries Management in ABNJ”

The FAO/ICES/NAFO Symposium “*Applying the Ecosystem Approach to Fisheries Management in ABNJ*” took place 11–13 March 2025 in Rome, Italy. The programme, participants list, and links to the webcasts in English, French and Spanish are available on the NAFO Symposium website (<https://eafm-symposium.nafo.int>). The symposium included over 20 presentations from fisheries scientists, managers and industry over three days, with the final afternoon consisting of a panel format with all participants. The resulting papers from the symposium will be published in the *Journal of Northwest Atlantic Fishery Science*.

Aquatic Sciences and Fisheries Abstracts (ASFA)

All science documents and publications for 2024 have been submitted to ASFA as of 31 May 2025. Other publications for the Commission have been indexed as well. FAO publishes a free online portal to display the records created and published in OpenASFA. The records can be viewed here: <https://www.fao.org/fishery/en/openasfa>

ProQuest/Clarivate, ASFA’s publishing partner continues to publish ASFA records to their database. More information about ASFA is available at: <https://www.fao.org/asfa/en>

6. Fishery Statistics

The NAFO statistical databases are compiled by the NAFO Secretariat and published on the NAFO website <https://www.nafo.int/Data>. The STATLANT databases are updated as new submissions are received. The Catch Estimation Strategy Advisory Group (CESAG) continues to provide the annual catch estimates, as outlined in Annex 1 of COM-SC Doc. 17-08, to the Scientific Council by the 01 May deadline.

7. Information Technology (IT)

In the past year, the Secretariat has been busy continuing to upgrade our security posture to help protect our IT systems from possible attacks. We have also upgraded our backup and recovery platform to a more dynamic and modern system. Finally, we are actively migrating our web application and database to a cloud hosting provider to strengthen resiliency, improve availability, and optimize costs by reducing reliance on on-premises server infrastructure.

Application Development

The NAFO Observer Reporting application continues to be in development, with enhancements being made based on feedback received from STACTIC, the STACTIC WG-OPR, and Contracting Parties.

8. Staff Committee

The Secretariat would like to thank Robert Fagan, Ignacio Granell, and Kathy Sosebee for serving on the Staff Committee for the 2024–2025 term. The Staff Committee was not required to meet during the past 12 months.

9. Secretariat Activities

NAFO Internship Program

At the 2024 Annual Meeting, STACFAD recommended that the Secretariat undertake a comprehensive review of the internship program, including the monthly stipend and meaningful work projects available to interns, to ensure it remains mutually beneficial for the NAFO Secretariat and the intern.

A review of the NAFO Internship Program will be presented to STACFAD at the 2025 Annual Meeting. The NAFO Secretariat will present options for potential refinement of the program for consideration.

Outreach

Media

The Secretariat continues to circulate its annual press release to a dedicated NAFO media contact list. As in past years, a press release will follow the closing of the Annual Meeting.

Guests to the Secretariat

- 30 June 2025, Nippon Foundation-Partnership for Observation of the Global Ocean (NF-POGO) Centre of Excellence in Observational Oceanography scholars visited the NAFO Secretariat.

Information Requests

The NAFO Secretariat regularly responds to requests from various international sources. Since the last Annual Meeting of NAFO, the Secretariat has responded specifically to:

- Questionnaire for the review and assessment of the effectiveness of the agreement on Port State Measures - RFB/IO Edition
- Contribution to the report of the Secretary-General on oceans and the law of the sea, as mandated by United Nations General Assembly (UNGA) to the discussion on the topic, *“The thirtieth anniversary of the 1995 United Nations Fish Stocks Agreement: looking to the future”*.
- Contribution to the report of the Secretary-General on oceans and the law of the sea, as mandated by United Nations General Assembly (UNGA) resolution 79/144, on the main recent developments relating to oceans and the law of the sea.

Throughout the year, various informal requests are made to the Secretariat by students, educational institutes, RFMOs, Contracting Parties or other organizations. These are answered to the best of the ability and as time permits by various members of the NAFO Secretariat.

Oil and Gas Activity in the NRA

Since the 2015 Annual Meeting, NAFO and Canada have operated under an interim information exchange arrangement as a means for the appropriate and timely exchange of petroleum-related activities on Canada’s continental shelf in the NAFO Regulatory Area for onward transmission to NAFO Contracting Parties.

Since the 2024 Annual Meeting, there have been four (4) such notifications.

Under this arrangement, and following consultation with Contracting Parties, the NAFO Secretariat has provided annually a ‘five-year monthly snapshot’ of fishing activity in the NAFO Regulatory Area based on aggregated and anonymized VMS data to Canada. Canada then forwards this information to specified users.

The NAFO Secretariat also receives industry Notices to Mariners when a drillship is expected to transit through the NAFO Regulatory Area (NRA). These Notices to Mariners are then forwarded to the Fishery Monitoring Centres (FMCs) of Contracting Parties.

Participation by Secretariat at external meetings

ASFA Advisory Board (Virtual) Meeting, 16–18 September 2024

Senior Publications/Web Manager, Alexis Pacey, attended the meeting.

Ninth session of the FIRMS Technical Working Group (TWG9), Rome, Italy, 10–13 December 2024

Senior Scientific Information Administrator, Dayna Bell MacCallum, attended the meeting.

International Fisheries Commissions Pension Society (IFCPS), Annual Meeting, Washington, USA, 29 April–01 May 2025

Executive Secretary, Brynhildur Benediktsdóttir, and Deputy Executive Secretary and Senior Finance and Staff Administrator, Stan Goodick, attended the meeting.

18th round of Informal Consultations of States Parties to the United Nations Fish Stocks Agreement (ICSP-18) focusing on “The thirtieth anniversary of the 1995 United Nations Fish Stocks Agreement: looking to the future”, New York, USA, 14–16 May 2025

Executive Secretary, Brynhildur Benediktsdóttir, attended the meeting.

14th FIRMS Steering Committee meeting (FSC14), Rome, Italy, 30 June–04 July 2025

Senior Scientific Information Administrator, Dayna Bell MacCallum, attended the meeting

28th Session of the CWP, Rome, Italy, 02–04 July 2025

Senior Scientific Information Administrator, Dayna Bell MacCallum, and Fisheries Management Coordinator, Jana Aker, attended the meeting.

Second session of the Preparatory Commission for the entry into Force of the BBNJ Agreement, New York, USA, 18–29 August 2025

Executive Secretary, Brynhildur Benediktsdóttir, attended the meeting and took part in two side events.

10. Financial Status Update

The NAFO budget for 2025 was set by the Organization at \$2,746,000 million representing an increase of \$110,000 or 4.1% over the prior years budget.

Projected expenditures for the year are expected to come in approximately \$40,000 below the approved budget (see Statement I, page 7 of the Financial Statements). Key highlights are outlined below:

The departure of the Scientific Council Coordinator in early 2024 left a staff position vacant for the remainder of 2024 and into the first quarter of 2025. This vacancy resulted in direct savings in salary and benefits. The position was filled in 2025, normalizing personnel costs for the remainder of the year. Overall, personnel expenses remained within budgeted limits.

The Secretariat supported a high volume of meetings throughout the year, both in-person and virtual. Despite the increased activity, all meeting-related expenses are expected to remain within their allocated budgets.

No significant variances are anticipated across the remaining accounts. Spending is generally aligned with budget expectations.

Contributions billed to NAFO Contracting Parties for 2025 totaled \$2,090,505 as shown in the Statement of Contributions Due from Contracting Parties for the 2025 Financial Year (see Statement V, page 11 of the Financial Statements). The NAFO Convention (Article IX.2) establishes a four-part cost sharing formula, including a proportion based on the nominal catches in the Convention Area.

As of 08 September 2025, membership contributions totalling \$90,722 are currently outstanding from one Contracting Party (see Statement III, page 09 of the Financial Statements).

Financial Statements

STATEMENT I

Budget Appropriations. Obligations Incurred and Unliquidated Balances of Appropriations**For the Year Ending 31 December 2025**

(Canadian Dollars)

	Approved Budget 2025	Total Estimated Obligations for Fiscal Year 2025	Estimated Unliquidated Balance of Appropriations
1 Communications	29,000	29,000	-
2 Computer Services	72,000	72,000	-
3 Equipment	26,000	22,000	4,000
4 Fishery Monitoring	48,000	48,000	-
5 Hospitality Allowance	3,000	3,000	-
6 Internship	14,000	14,000	-
7 Materials and Supplies	32,000	32,000	-
8 Meetings			-
a) Sessional	241,000	236,000	5,000
b) Inter-sessional Commission	50,000	50,000	-
c) Inter-sessional Scientific	50,000	50,000	-
d) Other Meetings and Travel	45,000	45,000	-
Subtotal Meetings	386,000	381,000	5,000
9 Personnel Services			
a) Salaries	\$1,390,000	\$1,365,000	\$25,000
b) Superannuation and Annuities	457,000	457,000	-
c) Medical and Insurance Plans	115,000	123,000	(8,000)
d) Employee Benefits	115,000	101,000	14,000
e) Additional Help	2,000	2,000	-
Subtotal Personnel Services	2,079,000	2,048,000	31,000
10 Professional Services	45,000	45,000	-
11 Publications	12,000	12,000	-
12 Recruitment	0	0	-
	\$2,746,000	\$2,706,000	\$40,000

STATEMENT II

**Statement of Assessed Contributions and Estimated
Expenditure Obligations for the Year Ending 31 December 2025**

(Canadian Dollars)

Contracting Parties Assessed:

Canada	\$781,906
Cuba	61,616
Denmark (in respect of Faroe Islands and Greenland)	250,861
European Union	265,639
France (in respect of St. Pierre et Miquelon)	61,802
Iceland	61,616
Japan	68,254
Norway	72,772
Republic of Korea	61,616
Russian Federation	97,295
Ukraine	61,616
United Kingdom	61,616
United States of America	<u>183,896</u>
Assessed Contributions for the year ending 31 December 2025	2,090,505
Approved Balance in Operating Fund	<u>655,495</u>
Approved Budget for 2025	2,746,000
Total Estimated Obligations for 2025 - Statement I	<u>2,706,000</u>
Amount to be transferred to the Accumulated Surplus Account	<u>\$40,000</u>

STATEMENT III

Statement of Financial Position
For the Year Ending 31 December 2025

(Canadian Dollars)

Assets

Current

Cash and cash equivalents	\$733,113
Contributions receivable (Note 1)	90,722
Ex gratia grant receivable - Province of Nova Scotia	110,000
Investments segregated for employee terminations benefits	492,883
	<u>\$1,426,718</u>

Liabilities

Current

Payables and accruals	\$60,000
Advance contributions	0
Accrued vacation payable	63,835
	<u>123,835</u>
Provision for employee termination benefits	492,883
	<u>616,718</u>

Net Assets (Accumulated Surplus)

Operating Fund	375,950
Contingency Fund	285,000
Relocation Fund	49,050
Performance Review Fund	100,000
	<u>810,000</u>
	<u>\$1,426,718</u>

Note 1.

Contributions Receivable from Contracting Parties *

Russian Federation	\$90,722
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* includes payments received as of 08 September 2025

STATEMENT IV

Statement of Accumulated Surplus Estimates

For the Year Ending 31 December 2025

(Canadian Dollars)

Accumulated Surplus - Beginning of 2025		\$1,067,546
Amount appropriated to 2025 operating budget		(655,495)
Balance of 2025 appropriations not expended		40,000
Other Revenue		
Staff Assessments	200,000	
Province of Nova Scotia - <i>ex gratia</i> grant	110,000	
Interest	35,000	
Other income	12,949	357,949
		<hr/>
Accumulated Surplus - End of 2025		<u>\$810,000</u>
Summary of funds held in the Accumulated Surplus		
Contingency Fund (Rule 4.5)	\$285,000	
Relocation Fund (Rule 4.5)	49,050	
Performance Review Fund (Rule 4.5)	100,000	
Operating Fund (Rule 4.7)	375,950	<u>\$810,000</u>

Provisions for the Accumulated Surplus Account from the NAFO Financial regulations:

Rule 4.3 Monies available in the accumulated surplus account may be used temporarily to the extent necessary to finance appropriations pending receipt of annual payments by Contracting Parties.

Rule 4.5 The Standing Committee on Finance and Administration and the Commission shall review the amount available in the accumulated surplus account during each annual meeting. Insofar as possible, the Commission shall anticipate unforeseen expenditures during the succeeding three years and shall attempt to maintain the accumulated surplus account at a level sufficient to finance operations during the first three months of the year plus an amount up to a maximum of 10% of the annual budget for the current financial year for use in an emergency in accordance with Rule 4.4.

In addition, the Organization shall also maintain a recruitment and relocation fund to pay recruitment and relocation costs for incoming and outgoing internationally recruited staff. The recruitment and relocation fund balance shall be kept at a maximum of \$100,000.

In addition, the Organization shall also maintain a performance review fund to pay costs associated with having an external performance review. The performance review fund balance shall be kept at a maximum of \$100,000.

Rule 4.7 The Executive Secretary shall inform each Contracting Party of the annual contribution due in accordance with Article IX.3 of the Convention as soon as possible after the Commission has adopted the annual budget. In calculating the contributions, the Executive Secretary shall reduce the amount appropriated in the budget by the amount of staff assessments for the preceding year, if any, and by the amount determined by the Commission to be in excess of the needs of the accumulated surplus account.

STATEMENT V
Statement of Contributions Due from
Contracting Parties for the 2025 Financial Year



Northwest Atlantic Fisheries Organization
Contributions Due 1 January - 31 December 2025
 (Canadian Dollars)

NAFO Billing 2025

Budget:	Period 1 January - 31 December 2025	\$2,746,000
Deduct:	Amount Allocated from Accumulated Surplus	-\$655,495
Funds required to meet 2025 Administrative Budget		\$2,090,505

Part A

Contracting Parties	2022 nominal catches (metric tons)	Catch %	NAFO Convention Article IX.2.a,b,c			
			10%	30%	60%	Subtotal
Canada	112,706	31.68%	\$76,686	\$48,242	\$397,364	\$522,292
Cuba	-	-	-	\$48,242	-	\$48,242
Denmark (in respect of Faroe Islands and Greenland) (Note 2)	175,384	49.29%	\$119,333	\$48,242	\$618,246	\$785,821
European Union	38,465	10.81%	-	\$48,242	\$135,591	\$183,833
France (in respect of St. Pierre et Miquelon)	26	0.01%	\$17	\$48,242	\$126	\$48,385
Iceland	-	-	-	\$48,242	-	\$48,242
Japan	1,257	0.35%	-	\$48,242	\$4,391	\$52,633
Norway	2,115	0.59%	-	\$48,242	\$7,401	\$55,643
Republic of Korea	-	-	-	\$48,242	-	\$48,242
Russian Federation	6,735	1.89%	-	\$48,242	\$23,707	\$71,949
Ukraine	-	-	-	\$48,242	-	\$48,242
United Kingdom	-	-	-	\$48,242	-	\$48,242
United States of America	19,127	5.38%	\$13,014	\$48,242	\$67,483	\$128,739
Total	355,815	100.00%	\$209,050	\$627,146	\$1,254,309	\$2,090,505

Part B

Contracting Parties	Subtotal from Part A	NAFO Convention Article IX.2.d (Note 1)					Subtotal	Total contribution
		% Contribution	Catch % minus DFG	10%	30%	60%		
Canada	\$522,292	24.98%	62.47%	\$45,725	\$13,374	\$200,515	\$259,614	\$781,906
Cuba	\$48,242	2.31%	-	-	\$13,374	\$0	\$13,374	\$61,616
Denmark (in respect of Faroe Islands and Greenland) (Note 2)	\$785,821	37.59%	-	-\$53,496	-\$160,488	-\$320,976	-\$534,960	\$250,861
European Union	\$183,833	8.79%	21.32%	-	\$13,374	\$68,432	\$81,806	\$265,639
France (in respect of St. Pierre et Miquelon)	\$48,385	2.31%	0.01%	\$11	\$13,374	\$32	\$13,417	\$61,802
Iceland	\$48,242	2.31%	-	-	\$13,374	\$0	\$13,374	\$61,616
Japan	\$52,633	2.52%	0.70%	-	\$13,374	\$2,247	\$15,621	\$68,254
Norway	\$55,643	2.66%	1.17%	-	\$13,374	\$3,755	\$17,129	\$72,772
Republic of Korea	\$48,242	2.31%	-	-	\$13,374	\$0	\$13,374	\$61,616
Russian Federation	\$71,949	3.44%	3.73%	-	\$13,374	\$11,972	\$25,346	\$97,295
Ukraine	\$48,242	2.31%	-	-	\$13,374	\$0	\$13,374	\$61,616
United Kingdom	\$48,242	2.31%	-	-	\$13,374	\$0	\$13,374	\$61,616
United States of America	\$128,739	6.16%	10.60%	\$7,760	\$13,374	\$34,023	\$55,157	\$183,896
Total	\$2,090,505	100.00%	100.00%	\$0	\$0	\$0	\$0	\$2,090,505

Note 1

The annual contribution of any Contracting Party which has a population of less than 300,000 inhabitants shall be limited to a maximum of 12% of the total budget. When this contribution is so limited, the remaining part of the budget shall be divided among the other Contracting Parties in accordance with Article IX.2.a,b and c of the NAFO Convention.

Note 2

Faroe Islands 1,229 metric tons
 Greenland 174,155 metric tons