



Northwest Atlantic Fisheries Organization

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In all correspondence,
please refer to:

NAFO/19-178 (Revised)

29 July 2019

<p style="text-align: center;">41st Annual Meeting of NAFO Hôtel Pullman Bordeaux Lac in Bordeaux, France 23-27 September 2019</p>
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This document is presented to the Contracting Parties in accordance with the provisions of the NAFO Rules of Procedure.

Provisional Agendas

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Sincerely yours,

Fred Kingston
Executive Secretary

FK:ll
Enclosed: (37 pgs.)

PART I.**41st Annual Meeting of NAFO**
23-27 September 2019
Bordeaux, France**General Organizational Matters****1. Venue of the Meeting**

The 41st Annual Meeting of NAFO will be held at the Hotel Pullman Bordeaux Lac in Bordeaux, France.

Hôtel Pullman Bordeaux Lac
Avenue Jean Gabriel Domergue, 33300
Bordeaux, France
Tel: +33 556696666
Email: H0669-SL@accor.com
Web: <https://www.accorhotels.com/fr/hotel-0669-pullman-bordeaux-lac/index.shtml>

2. Meetings of the NAFO constituent bodies are scheduled as follows (please see timetable and floor plan of meeting area in Annexes 1 and 2):

Commission: 23-27 September – The Commission will open at 09:30 hrs on 23 September and its Standing Committees (STACFAD and STACTIC) will start at 14:00 hrs on 23 September.

Scientific Council: 23-27 September – Scientific Council will open at 09:30 hrs on 23 September. This will be preceded by a meeting of the SC Executive Committee at 09:00 hrs on 23 September.

3. Hotel Accommodations

Complete hotel information was posted to the NAFO Website at (<https://www.nafo.int/Meetings/AM>) and circulated earlier to Contracting Parties (NAFO/19-077 dated 01 March 2019).

Participants who have not already done so are strongly urged to make their travel arrangements as early as possible. We kindly remind delegates that reservations for the Hôtel Pullman Bordeaux Lac must be made by sending an email to H0669-SL@accor.com while indicating the reservation code "NAFO 2019/OPANO 2019". The cut-off date for hotel bookings at the "block rate" is 30 August 2019.

4. Delegates

In accordance with the NAFO Rules of Procedure, Contracting Parties are requested to notify the Executive Secretary as far as possible in advance of the meeting the names of their representatives, alternates, experts and advisers who will attend.

5. NAFO Meetings SharePoint

For the convenience of the NAFO Meeting Participants, an online SharePoint site has been created. A personalized username and password are required to access the site at <https://meetings.nafo.int>.

We ask any Contracting Party requiring log-in details to please contact the NAFO Secretariat by telephone: +1 902 468-5590 Ext. 201 or by e-mail: info@nafo.int.

6. Delegation Rooms

A limited number of delegation rooms are available for rent. Any Contracting Parties wishing to book a delegation room, please contact the NAFO Secretariat by telephone: +1 902 468-5590 Ext. 201 or by e-mail: info@nafo.int.

7. Meeting Documents

As agreed at the 2018 Annual Meeting of NAFO, paper copies of meeting documentation will not be provided to each delegate. Unless otherwise requested by a delegation, each Contracting Party will receive three (3) sets of printed meeting documentation distributed to the "pigeon holes."

Meeting documentation, prior to and during the meeting, will be available on the NAFO Meetings SharePoint (<https://meetings.nafo.int>).

Participants are urged to print and bring required documents to the meeting.

8. Submission of Proposals

NAFO Delegations are encouraged to submit proposals in advance of the Annual Meeting, but not later than a week prior to the Annual Meeting. This reflects Rule 4.3 of the Rules of Procedure: Commission "*No order of business shall be the subject of a decision unless the subject matter has been included in the provisional agenda*".

To allow flexibility, new proposals will not be excluded at the Annual Meeting, but delegates are requested to table any new proposals on new topics not later than the opening of the Commission's afternoon session on Thursday, 26 September 2019.

9. NAFO Photos

The NAFO Secretariat regularly photographs its meetings and delegates. Photographs are used by NAFO on its website and publications, intended to showcase NAFO activities. All images are securely stored by the Secretariat. Please be assured that every attempt is made to ensure appropriate images are selected for publication and circulation.

10. NAFO Recordings

The NAFO Secretariat regularly records the plenary session of the Commission. All recordings are securely stored by the Secretariat and used for documentation purposes only.

Annex 1.**Provisional Timetable 2019**

HOURS	EVENT	NAFO BODIES	ROOM
Sunday, 22 September			
TBA	Coordination Meeting	All Chairs	Ausone
16:00-18:00	Registration	All bodies	First Floor
Monday, 23 September			
08:30-	Registration	All bodies	First Floor
09:00-09:30	Session	SC Executive Committee	Ausone
09:30-12:30	Opening Session	Scientific Council	Rohan C
09:30-12:30	Opening Session	Commission	Rohan A/B
12:30-14:00	Lunch Break		
14:00-18:00	Sessions	Scientific Council	Rohan C
	Opening Sessions	STACTIC	Montaigne B
		STACFAD	Ausone
<i>Heads of Delegation and Chairs Dinner – Espace Flore at Hôtel Pullman Bordeaux Lac</i>			
Tuesday, 24 September			
09:00-12:30	Sessions	Joint (Commission – Scientific Council)	Rohan A/B
		STACTIC	Montaigne B
		STACFAD	Ausone
	<i>12:30-12:45</i>	<i>Group Photo – All Heads of Delegation</i>	
12:30-14:00	Lunch Break		
14:00-18:00	Sessions	Commission	Rohan A/B
		Scientific Council	Rohan C
		STACTIC	Montaigne B
		STACFAD	Ausone
<i>NAFO 41st Annual Meeting Reception – Bordeaux Palais de la Bourse</i>			

Wednesday, 25 September

09:00-12:30	Sessions	Commission	Rohan A/B
		Scientific Council	Rohan C
		STACTIC	Montaigne B
		STACFAD	Ausone
12:30-14:00	Lunch Break		
14:00-18:00		Commission	Rohan A/B
		Scientific Council	Rohan C
16:00-18:00	Closing Sessions*	STACTIC	Montaigne B
		STACFAD	Ausone

** Standing Committee reports (STACTIC and STACFAD) should be finalized and submitted to the Secretariat for distribution on Thursday.*

Thursday, 26 September

09:00-12:30	Sessions	Commission	Rohan A/B
		Scientific Council	Rohan C
<i>**if required</i>	Sessions	STACTIC	Montaigne B
		STACFAD	Ausone
12:30-14:00	Lunch Break		
14:00-18:00	Sessions	Commission	Rohan A/B
		Scientific Council	Rohan C

***If additional requests from the Commission are received, a new session(s) would be required to convene.*

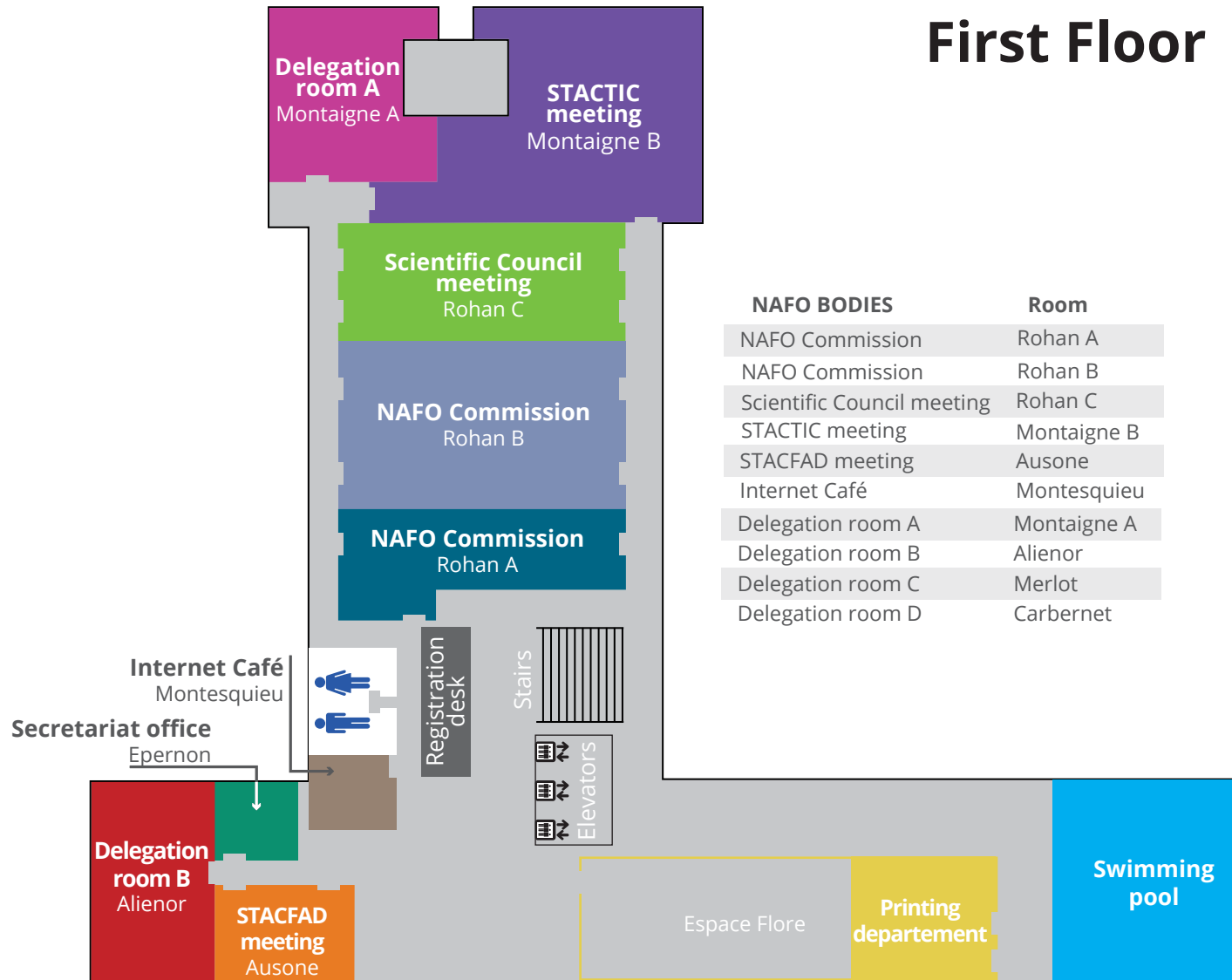
Friday, 27 September

09:00-	Closing Sessions	Commission	Rohan A/B
		Scientific Council	Rohan C

Closing of the Annual Meeting

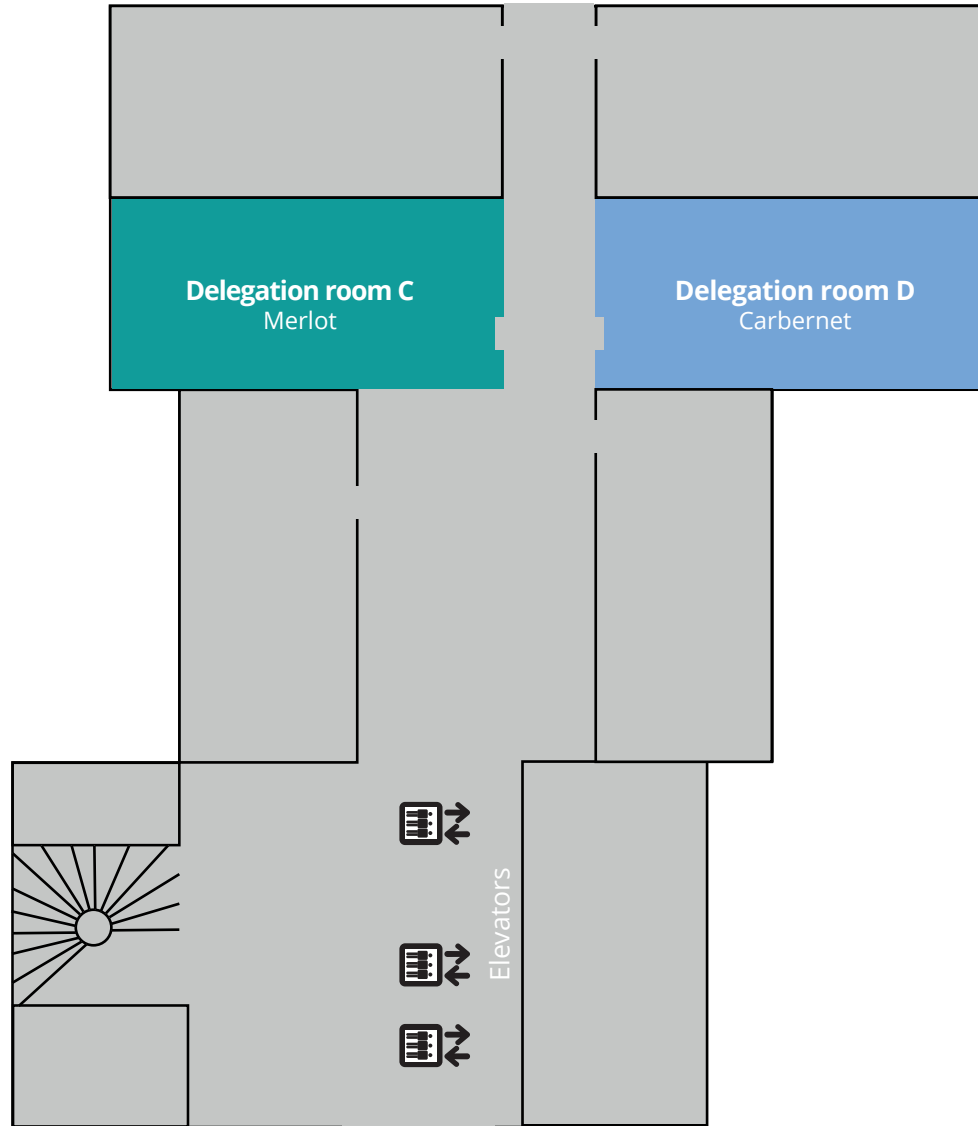
Annex 2. Floor Plan

First Floor



NAFO BODIES	Room
NAFO Commission	Rohan A
NAFO Commission	Rohan B
Scientific Council meeting	Rohan C
STACTIC meeting	Montaigne B
STACFAD meeting	Ausone
Internet Café	Montesquieu
Delegation room A	Montaigne A
Delegation room B	Alienor
Delegation room C	Merlot
Delegation room D	Carbernet

4th Floor



PART II.
41st Annual Meeting of NAFO
 23-27 September 2019
 Bordeaux, France

Commission

Provisional Agenda

Agenda item:	
I. Opening Procedure	
1. Opening by the Chair, Stéphane Artano (France-SPM)	
2. Appointment of Rapporteur	
3. Adoption of Agenda	
4. Admission of Observers	
5. Publicity	
II. Supervision and Coordination of the Organizational, Administrative and other Internal Affairs	
6. Review of Membership of the Commission	
7. Administrative Report	
8. NAFO Headquarters Agreement	
9. Review of the list of experts to serve as panelists under the NAFO Dispute Settlement provisions	
10. Guidance to STACFAD	
11. Guidance to STACTIC	
III. Coordination of External Affairs	
12. Report of Executive Secretary on External Meetings	
13. International Relations <ul style="list-style-type: none"> a. Relations with other International Organizations b. NAFO Members as Observers to External Meetings c. Areas Beyond National Jurisdiction (ABNJ) Deep-Seas Project 	
14. Oil and Gas Activities in the NAFO Regulatory Area	
IV. Joint Session of Commission and Scientific Council	
15. Implementation of 2018 Performance Review Panel recommendations	
16. Presentation of scientific advice by the Chair of the Scientific Council <ul style="list-style-type: none"> a. Response of the Scientific Council to the Commission's request for scientific advice b. Feedback to the SC regarding the advice and its work during this meeting c. Other issues as determined by the Chair of the Commission and of the Scientific Council 	
17. Meeting Reports and Recommendations of the Joint Commission-Scientific Council Working Groups <ul style="list-style-type: none"> a. Working Group on Improving Efficiency of NAFO Working Group Process (E-WG), February 2019 	

<ul style="list-style-type: none"> b. Joint Commission–Scientific Council Working Group on Risk-based Management Strategies (WG-RBMS), April and September 2019 c. Joint Commission–Scientific Council Working Group on Ecosystems Approach Framework to Fisheries Management (WG-EAFFM), July 2019 d. Joint Commission–Scientific Council Catch Estimation Strategy Advisory Group (CESAG), 2019 	
18. Formulation of Request to the Scientific Council for Scientific Advice on Management in 2021 and Beyond of Certain Stocks in Subareas 2, 3 and 4 and Other Matters	
V. Conservation of Fish Stocks in the Regulatory Area	
19. Recommendations of the Joint Commission–Scientific Council Working Group on Risk-based Management Strategies (WG-RBMS), April and September 2019 (if more discussion is required)	
20. Management and Technical Measures for Fish Stocks in the Regulatory Area, 2020 <ul style="list-style-type: none"> a. Cod in Division 3M b. Redfish in Division 3M c. Pelagic <i>Sebastes mentella</i> (oceanic redfish) in the NAFO Convention Area d. Shrimp in Division 3M 	
21. Management and Technical Measures for Fish Stocks Straddling National Jurisdictions, 2020 <ul style="list-style-type: none"> a. Redfish in Division 3O b. Yellowtail in Divisions 3LNO c. Witch flounder in Divisions 3NO d. White hake in Divisions 3NO e. Greenland halibut in Subarea 2 and Divisions 3KLMNO f. Squid (<i>Illex</i>) in Subareas 3 and 4 g. Shrimp in Divisions 3LNO 	
22. Other matters pertaining to Conservation of Fish Stocks	
VI. Ecosystem Considerations	
23. Recommendations of the Joint Commission–Scientific Council Working Group on Ecosystems Approach Framework to Fisheries Management (WG-EAFFM), July 2019 (if more discussion is required)	
24. Other matters pertaining to Ecosystem Considerations	
VII. Conservation and Enforcement Measures	
25. Recommendations of the Joint Commission–Scientific Council Catch Estimation Strategy Advisory Group (CESAG), 2019 (if more discussion is required)	
26. Meeting Report and Recommendations of the <i>Ad hoc</i> Working Group on Bycatches, Discards, and Selectivity (WG-BDS), July 2019	
27. Follow-up procedure regarding Haul-by-Haul submissions	
28. Report of STACTIC from this Annual Meeting and Recommendations	
29. Other matters pertaining to Conservation and Enforcement Measures	
VIII. Finance	
30. Report of STACFAD from this Annual Meeting	
31. Adoption of the 2020 Budget and STACFAD recommendations	

IX. Closing Procedure	
32. Other Business	
33. Election of Chair and vice-Chair	
34. Time and Place of Next Annual Meeting	
35. Press Release	
36. Adjournment	

Notes to
the Provisional Agenda of the Commission

41st Annual Meeting of NAFO, 23-27 September 2019
Bordeaux, France

Item of agenda:

I. Opening Procedure

1. Opening by the Chair, Stéphane Artano (France-SPM)

The Chair, Stéphane Artano (France-SPM), will call the plenary session of the Commission to order at 10:00 hrs on Monday, 23 September 2019.

Following the procedure established at the 2015 Annual Meeting, delegates will be asked not to address any opening statements orally but instead delegates are invited to submit opening statements in writing for circulation and inclusion in the meeting report.

NAFO Delegations are encouraged to submit any proposals in advance of the Annual Meeting, preferably early enough to be considered for the provisional agenda that is finalized 60 days before the Annual Meeting, but not later than a week prior to the Annual Meeting. This reflects Rule 4.3 of the Rules of Procedure: Commission "No order of business shall be the subject of a decision unless the subject matter has been included in the provisional agenda". To allow flexibility, new proposals will not be excluded at the Annual Meeting, but delegates are requested to table any new proposals on new topics not later than the opening of the Commission's afternoon session on Thursday, 26 September 2019.

2. Appointment of Rapporteur

Participants will appoint a rapporteur whose duties include maintaining a record of decisions agreed upon by the Commission at the meeting. Traditionally, this function has been carried out by the Secretariat.

3. Adoption of Agenda

The agenda will be presented to the meeting for review and adoption based on the provisional agenda circulated to all Contracting Parties in NAFO/19-178 of 23 July 2019.

4. Admission of Observers

According to the Rule 1.a of the NAFO Rules of Procedure: Observers to NAFO Meetings "The Executive Secretary shall invite, as observers, intergovernmental organizations that have regular contacts with NAFO".

On that basis, the Executive Secretary will invite the following intergovernmental organizations to attend the meeting in an observer capacity: Government of Bahamas, Government of Bermuda, Convention on Biological Diversity (CBD) Secretariat, Commission for the Conservation of Antarctic Marine Living Resources (CCAMLR), Permanent Commission for the South Pacific (CPPS), Food and Agriculture Organization of the United Nations (FAO), General Fisheries Commission for the Mediterranean (GFCM), International Commission for the Conservation of Atlantic Tunas (ICCAT), International Council for the Exploration of the Seas (ICES), International Monitoring, Control and

Surveillance (IMCS) Network, North Atlantic Marine Mammal Commission (NAMMCO), North Atlantic Salmon Conservation Organization (NASCO), North East Atlantic Fisheries Commission (NEAFC), North Pacific Anadromous Fish Commission (NPAFC), North Pacific Fisheries Commission (NPFC), North Pacific Marine Science Organization (PICES), Sargasso Sea Commission, Southeast Atlantic Fisheries Organization (SEAFO), South Indian Ocean Fisheries Agreement (SIOFA), South Pacific Regional Fisheries Management Organisation (SPRFMO), United Nations - Division for Ocean Affairs and the Law of the Sea (UN-DOALOS), United Nations Environment Programme World Conservation Monitoring Centre (UNEP-WCMC), and Western Central Atlantic Fishery Commission (WECAFC).

NGOs currently accredited with NAFO Observer Status are: Deep Sea Conservation Coalition (DSCC), Conseil de Bande de la Nation Innu de Nutashkaun, Dalhousie University: Environment Information: Use & Influence Research Initiative (EIUI), Dalhousie University: Marine & Environmental Law Institute (MELAW), Ecology Action Centre (EAC), International Coalition of Fisheries Association (ICFA), Marine Stewardship Council (MSC), Oceans North Canada, Pew Environment Group, Sierra Club of Canada (SCC) and the Shark Trust.

5. Publicity

Conditions for attendance by media representatives at NAFO meetings are stipulated in the NAFO Media Policy (GC Doc. 04-04). According to the Media Policy, delegates should identify all sessions of the Commission which will be accessible to the public, in addition to the official opening and closing procedures. In addition, it has always been the practice in NAFO that no public statements are made until after the conclusion of the meeting, when a press statement would be released. If so agreed, the meeting will continue that practice.

The Executive Secretary will prepare the press release in collaboration with the Chairs of the Commission and Scientific Council. At the discretion of the President and the Executive Secretary, a press conference may be held following the close of the Annual Meeting by the Chairs of the Commission and Scientific Council and the Executive Secretary.

II. Supervision and Coordination of the Organizational, Administrative and Other Internal Affairs

6. Review of Membership of the Commission

The membership of the Commission has not changed since the 2018 Annual Meeting and is currently comprised of twelve (12) Contracting Parties: Canada, Cuba, Denmark (in respect of the Faroe Islands and Greenland), European Union (EU), France (in respect of St. Pierre et Miquelon), Iceland, Japan, Norway, Republic of Korea, Russian Federation, Ukraine and United States of America (USA).

7. Administrative Report

A detailed administrative and activity report will be circulated to the meeting and discussed in depth by STACFAD (COM Doc. 19-06).

8. NAFO Headquarters Agreement

Pursuant to Article V, paragraph 3 of the amended NAFO Convention “The privileges and immunities which the Organization and its officers shall enjoy in the territory of a Contracting Party shall be subject to agreement between the Organization and the Contracting Party including, in particular, a headquarters agreement between the Organization and the host Contracting Party.”

An update on the status of a NAFO Headquarters Agreement will be provided under this agenda item NAFO/19-162 of 18 June 2019.

9. Review of the list of experts to serve as panelists under the NAFO Dispute Settlement provisions

Under the amended NAFO Convention, paragraph 1 of Annex II states that the "Executive Secretary shall establish and maintain a list of experts who are willing and able to serve as panelists" in any Ad hoc panel established under Article XV of the Convention to settle a dispute.

Further to NAFO/19-135 of 23 May 2019, which was circulated requesting Contracting Parties to review their list of up to five nominees to serve as possible panelists in any Ad hoc panel established under the settlement of disputes provisions of the NAFO Convention (Article XV), the Secretariat will provide the updated list of all the nominated experts to Contracting Parties at this Annual Meeting.

10. Guidance to STACFAD

In order for STACFAD to complete its work at this meeting, the Commission will identify any additional items in the agenda that it wishes STACFAD to discuss at this Annual Meeting and instruct the Chair of STACFAD accordingly.

11. Guidance to STACTIC

The Chair of STACTIC will present a summary report of the Intersessional STACTIC meeting held in May 2019 (COM Doc. 19-04). In order for STACTIC to complete its work at this meeting, the Commission will identify any additional items that it wishes STACTIC to discuss at this Annual Meeting and instruct the Chair of STACTIC accordingly.

III. Coordination of External Affairs

12. Report of Executive Secretary on External Meetings

The Executive Secretary will provide a report on NAFO's participation in external activities since the last Annual Meeting.

13. International Relations

a. Relations with other International Organizations

The importance of external relations was also stressed as work of relevant organizations in other areas can impact the work of NAFO. For that reason, it was agreed that the NAFO Secretariat should try to attend meetings of the United Nations relating to the conservation and sustainable use of marine biological diversity beyond areas of national jurisdiction (BBNJ), as its resources allow.

The Executive Secretary will provide an update on the BBNJ discussions.

At the 2017 Annual Meeting, it was agreed that that the NAFO Secretariat maintains dialogue with relevant organizations and explore mechanisms to improve the exchange of information. The Commission and Contracting Parties may consider other means to facilitate active

monitoring of assessments, planning processes and actions taken in other fora in order to identify and, if needed, respond on issues concerning NRA fisheries, fisheries resources and biodiversity.

The Executive Secretary will provide a report on the matter.

b. NAFO Members as Observers to External Meetings

This agenda item is to allow for appointment of NAFO members to serve as observers to meetings of other relevant organizations and presentation of their reports, as well as general discussion of NAFO's cooperation with other organizations.

At the last Annual Meeting, it was agreed that the following NAFO Contracting Parties would observe at meetings of the following organizations during 2018/2019:

- *Canada would represent NAFO at the North Atlantic Salmon Conservation Organization (NASCO) and the North Pacific Fisheries Commission (NPFC).*
- *Denmark (in respect of the Faroe Islands and Greenland) would represent NAFO at the North East Atlantic Fisheries Commission (NEAFC).*
- *European Union (EU) would represent NAFO at the International Commission for the Conservation of Atlantic Tunas (ICCAT) and South Indian Ocean Fisheries Agreement (SIOFA).*
- *Norway would represent NAFO at the North Atlantic Marine Mammal Commission (NAMMCO) and the South East Atlantic Fishery Organisation (SEAFO).*
- *USA would represent NAFO at the Commission for the Conservation of Antarctic Marine Living Resources (CCAMLR), the North Pacific Anadromous Fish Commission (NPAFC) and the South Pacific Regional Fisheries Management Organization (SPRFMO).*

It is expected that those Contracting Parties which attended meetings as NAFO observers will present their respective reports under this agenda item.

c. Areas Beyond National Jurisdiction (ABNJ) Deep-Seas Project

Under this agenda item, a representative of the FAO is expected to give its annual update on the Areas Beyond National Jurisdiction (ABNJ) Deep-Seas Project, of which NAFO is a partner.

14. Oil and Gas Activities in the NAFO Regulatory Area

The Executive Secretary will provide a report on the matter.

IV. Joint Session of Commission and Scientific Council

15. Implementation of 2018 Performance Review Panel recommendations

As agreed at the 2018 Annual Meeting, the Working Group to Address the Recommendations of the 2018 Performance Review Panel (WG-PR) was established (COM Doc. 18-21 Revised). The Working Group met on 03 April 2019 and the meeting report was circulated to all Contracting Parties in COM Doc. 19-03. It will be presented by the Chair of the Working Group and the recommendations will be considered.

16. Presentation of scientific advice by the Chair of the Scientific Council

a. Response of the Scientific Council to the Commission's request for scientific advice

The Chair of the Scientific Council will present the response of the Scientific Council (formulated in June 2019) to the Commission requests for scientific advice on fish stocks and on other topics (formulated in September 2018).

b. Feedback to the Scientific Council regarding the advice and its work during this meeting

Follow-up questions to the scientific advice should be submitted in writing and whenever possible in advance. Responses to the follow-up questions are expected to be formulated by the Scientific Council during this meeting.

c. Other issues as determined by the Chair of the Commission and of the Scientific Council

17. Meeting Reports and Recommendations of the Joint Commission–Scientific Council Working Groups

The meeting reports and recommendations of the Joint Commission–Scientific Council Working Groups will be presented by the respective Chairs and co-Chairs (COM-SC Doc. 19-01 to COM-SC Doc. 19-05).

a. Working Group on Improving Efficiency of NAFO Working Group Process (E-WG), February 2019

b. Working Group on Risk-based Management Strategies (WG-RBMS), April and September 2019

c. Working Group on Ecosystems Approach Framework to Fisheries Management (WG-EAFFM), July 2019

d. Catch Estimation Strategy Advisory Group (CESAG), 2019

18. Formulation of Request to the Scientific Council for Scientific Advice on the Management in 2021 and Beyond of Certain Stocks in Subareas 2, 3 and 4 and Other Matters

A draft request will be prepared by the Contracting Parties for adoption by the Commission.

V. Conservation of Fish Stocks in the Regulatory Area

19. Recommendations of the Joint Commission–Scientific Council Working Group on Risk-based Management Strategies (WG-RBMS), April and September 2019 (if more discussion is required)

Recommendations addressed to the Commission will be considered under this agenda item, if more discussion is required.

20. Management and Technical Measures for Fish Stocks in the Regulatory Area, 2020

- a. **Cod in Division 3M**
- b. **Redfish in Division 3M**
- c. **Pelagic *Sebastes mentella* (oceanic redfish) in the NAFO Convention Area**
- d. **Shrimp in Division 3M**

For this item, the Commission will proceed with its review of the stocks in Division 3M.

At the 2018 Annual Meeting, the Commission requested that the Scientific Council provide scientific information on the Precautionary Approach Framework for all stocks under its responsibility requiring advice for 2020 and beyond (Annex A and B of COM Doc. 18-20). The Commission shall consider the Scientific Council advice in deciding on conservation measures.

21. Management and Technical Measures for Fish Stocks Straddling National Jurisdictions, 2020

- a. **Redfish in Division 3O**
- b. **Yellowtail in Divisions 3LNO**
- c. **Witch flounder in Divisions 3NO**
- d. **White hake in Divisions 3NO**
- e. **Greenland halibut in Subarea 2 and Divisions 3KLMNO**
- f. **Squid (*Illex*) in Subareas 3 and 4**
- g. **Shrimp in Divisions 3LNO**

For this item, the Commission will proceed with its review of the stocks which straddles national jurisdictions.

At the 2018 Annual Meeting, the Commission requested that the Scientific Council provide scientific information on the Precautionary Approach Framework for all stocks under its responsibility requiring advice for 2020 and beyond (Annex A and B of COM Doc. 18-20). The Commission shall consider the Scientific Council advice in deciding on conservation measures.

22. Other matters pertaining to Conservation of Fish Stocks

Relevant topics concerning conservation of fish stocks not covered by the agenda items above may be discussed under this item.

VI. Ecosystem Considerations

23. Recommendations of the Joint Commission–Scientific Council Working Group on Ecosystems Approach Framework to Fisheries Management (WG-EAFFM), July 2019 (if more discussion is required)

Recommendations addressed to the Commission will be considered under this agenda item, if more discussion is required.

24. Other matters pertaining to Ecosystem Considerations

Relevant topics concerning ecosystem considerations not covered by the agenda items above may be discussed under this agenda item.

VII. Conservation and Enforcement Measures

25. Recommendations of the Joint Commission–Scientific Council Catch Estimation Strategy Advisory Group (CESAG), 2019 (if more discussion is required)

Recommendations addressed to the Commission will be considered under this agenda item, if more discussion is required.

26. Meeting Report and Recommendations of the Ad hoc Working Group on Bycatches, Discards, and Selectivity (WG-BDS), July 2019

The meeting report (COM Doc. 19-05) will be presented by the Chair of the Working Group. The recommendations will be considered.

27. Follow-up procedure regarding Haul-by-Haul submissions

At the 2018 Annual Meeting, the Commission established a formal procedure with Contracting Parties to respond to late submissions or non-submissions of haul-by-haul data to the Secretariat, in order to enhance the effectiveness of the haul-by-haul submission requirement (COM Doc. 18-27). The Secretariat will report on the implementation of this procedure.

28. Report of STACTIC from this Annual Meeting and Recommendations

The Chair of STACTIC will present the Committee report to the Commission before the end of the Annual Meeting and the recommendations will be considered.

29. Other matters pertaining to Conservation and Enforcement Measures

Relevant topics concerning Conservation and Enforcement Measures not covered by the agenda items above may be discussed under this agenda item.

VIII. Finance

30. Report of STACFAD from this Annual Meeting

31. Adoption of the 2020 Budget and STACFAD recommendations

The Chair of STACFAD will present the Committee report to the Commission before the end of the Annual Meeting and the recommendations will be considered.

IX. Closing Procedure

32. Other Business

Relevant topics not covered by the agenda items above may be discussed under this agenda item.

33. Election of Chair and vice-Chair

According to Rule 3.1 of the NAFO Rules of Procedure: Commission "In accordance with Article VI.2 of the Convention, the Commission shall elect a Chairperson and a Vice-Chairperson for a term of two years. Each shall be eligible for re-election but shall not serve for more than four years in succession in the same capacity. The Chairperson and Vice-Chairperson shall not be representatives of the same Contracting Party."

The current Chairperson, Stéphane Artano (France-SPM), and the current vice-Chairperson, Temur Tairov (Russian Federation), were elected in September 2017.

34. Time and Place of Next Annual Meeting

The 42nd Annual Meeting will be in Halifax, Nova Scotia, Canada, unless an invitation to host is extended by a Contracting Party and accepted by the Organization.

The 2020 Annual Meeting dates of 21–25 September were previously agreed upon.

35. Press Release

The press release of the meeting will be developed by the Executive Secretary through consultations with the Chairs of the Commission and Scientific Council.

36. Adjournment

The meeting will adjourn on Friday, 27 September 2019.

41st Annual Meeting of NAFO
23-27 September 2019
Bordeaux, France

**Standing Committee on Finance and Administration (STACFAD)
of the Commission**

Provisional Agenda

Agenda item:	
1. Opening by the Chair, Deirdre Warner-Kramer (USA)	
2. Appointment of Rapporteur	
3. Adoption of Agenda	
4. Audited Financial Statements for 2018	
5. Administrative and Activity Report by NAFO Secretariat	
6. Financial Statements for 2019	
7. Review of Accumulated Surplus and Funds <ul style="list-style-type: none"> a. Review of Accumulated Surplus, Contingency and Relocation Fund b. Performance Review Fund 	
8. Update on the NAFO websites	
9. Personnel Matters	
10. Internship Program	
11. Report of the Annual Meeting of the International Fisheries Commissions Pension Society (IFCPS)	
12. Implementation of 2018 Performance Review Panel recommendations	
13. Budget Estimate for 2020	
14. Budget Forecast for 2021 and 2022	
15. Adoption of 2019/2020 Staff Committee Appointees	
16. Office Relocation Update	
17. Other Business	
18. Election of vice-Chair	
19. Time and Place of 2020-2022 Annual Meetings	
20. Adjournment	

Notes to
the Provisional Agenda of STACFAD

41st Annual Meeting of NAFO, 23-27 September 2019
Bordeaux, France

Item of agenda:

1. Opening by the Chair, Deirdre Warner-Kramer (USA)

The meeting will be opened by the Chair, Deirdre Warner-Kramer (USA), at 14:00 hrs on Monday, 23 September 2019.

2. Appointment of Rapporteur

A rapporteur will be appointed by the participants. The Secretariat is prepared to assume this duty as in previous years.

3. Adoption of Agenda

The agenda will be presented to the meeting for review and adoption based on the provisional agenda circulated to all Contracting Parties in NAFO/19-178 of 23 July 2019.

4. Audited Financial Statements for 2018

As agreed at the last Annual Meeting, the audit for the 2018 fiscal year was carried out by Grant Thornton LLP. In accordance with NAFO Financial Regulations, the audited financial statements were circulated to the Heads of Delegations of the Commission. Copies will also be circulated to STACFAD delegates at the meeting.

5. Administrative and Activity Report by NAFO Secretariat

The Administrative and Activity Report (COM Doc. 19-06) will be presented by the Secretariat.

6. Financial Statements for 2019

Financial Statements for 2019 (projected to 31 December) will be provided by the Secretariat.

7. Review of Accumulated Surplus and Funds

a. Accumulated Surplus, Contingency Fund and Relocation Fund

The accumulated surplus account, contingency fund and relocation fund will be presented to the meeting by the Secretariat.

b. Performance Review Fund

To avoid significant increases to the budget every 5–7 years to fund a performance review, the Secretariat is proposing setting up a Performance Review Fund. This would allow for annual installments to pre-fund the next performance review. The Secretariat will present a working paper for STACFAD's consideration.

8. Update on the NAFO websites

An update will be provided by the Secretariat on the NAFO websites, since the 2018 Annual Meeting, including work completed relating to the data classification and access rights of the NAFO websites.

9. Personnel Matters

Any issues related to personnel (e.g. promotions, job descriptions, new staff members hired intersessionally, etc.) will be discussed under this agenda item.

10. Internship Program

The Secretariat will present a report on the intern(s) hosted at the Secretariat during 2019, including tasks performed.

11. Report on the Annual Meeting of the International Fisheries Commissions Pension Society (IFCPS)

The Secretariat will give a report on the highlights of the Annual Meeting of the IFCPS which was held 15–17 April 2019 in Halifax, Nova Scotia, Canada.

12. Implementation of 2018 Performance Review Panel recommendations

As agreed at the 2018 Annual Meeting, the Working Group to Address the Recommendations of the 2018 Performance Review Panel was established (COM Doc. 18-21 Revised). The Working Group met on 03 April 2019 and the meeting report was circulated to all Contracting Parties in COM Doc. 19-03. It will be presented by the Chair of the Working Group to the Commission and the recommendations will be considered.

STACFAD will review the recommendations tasked to it from the 2018 Performance Review and any other recommendations, as assigned by the Commission.

13. Budget Estimate for 2020

All budgetary items will be considered by STACFAD based on the Secretariat's presentation.

14. Budget Forecast for 2021 and 2022

15. Adoption of 2019/2020 Staff Committee Appointees

Secretariat members will nominate and contact the nominees for the Staff Committee. STACFAD will be requested by the Secretariat to recommend to the Commission the nominees' appointment to the Staff Committee.

16. Office Relocation Update

The Secretariat will present a progress report on this matter.

17. Other Business

This agenda item would include any matters referred to STACFAD by the Commission during the current Annual Meeting.

18. Election of vice-Chair

According to Rule 5.4 of the NAFO Rules of Procedure: Commission “The Committee shall elect, to serve for two years, their own Chairperson and Vice-Chairperson, who shall be allowed a vote.”

The current vice-Chair, Elise Lavigne (Canada), was re-elected in September 2017.

The current Chair, Deirdre Warner-Kramer (USA), was re-elected in September 2018.

19. Time and Place of 2020-2022 Annual Meetings

At the 2018 Annual Meeting, it was agreed that the dates for the 2020-2021 Annual Meetings be as follows with the location in Halifax, Nova Scotia, Canada, unless an invitation to host is extended by a Contracting Party and accepted by the Organization:

<i>2020</i>	<i>-</i>	<i>21-25 September</i>
<i>2021</i>	<i>-</i>	<i>20-24 September</i>

STACFAD will review these dates and recommend dates for the 2022 Annual Meeting.

<i>2022</i>	<i>-</i>	<i>19-23 September (3rd full week of September to be reviewed by the Committee)</i>
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20. Adjournment

The Committee shall endeavour to close its proceedings/session at a time that allows the STACFAD report to be circulated to the Commission in advance of the presentation of the Chair of STACFAD to the Commission.

41st Annual Meeting of NAFO
23-27 September 2019
Bordeaux, France

**Standing Committee on International Control (STACTIC)
of the Commission**

Provisional Agenda

Agenda item:	
1. Opening by the Chair, Judy Dwyer (Canada)	
2. Appointment of Rapporteur	
3. Adoption of Agenda	
4. STACTIC participation	
5. Compliance review 2019 including review of apparent infringement reports and of chartering arrangements	
6. Measures concerning repeat non-compliance of serious infringements in the NAFO Regulatory Area	
7. New and pending proposals on enforcement measures: Possible revisions of the NAFO CEM	
8. Discussions on the interpretation of Article 10 of the NAFO CEM	
9. NAFO MCS website and application development	
10. Editorial Drafting Group (EDG) of the NAFO CEM	
11. Review and evaluation of Practices and Procedures	
12. Review of current IUU list pursuant to NAFO CEM Article 53	
13. Review of the reporting of provisional monthly catch (Article 28.8.a)	
14. Bycatches and discards	
15. Discussion of data classification and access rights	
16. Discussion on garbage and labour conditions onboard vessels	
17. Discussion of the reporting of shark catches in the NAFO Regulatory Area	
18. Other business	
19. Election of Chair and vice-Chair	
20. Time and place of next meeting	
21. Adoption of Report	
22. Adjournment	

Notes to
the Provisional Agenda of STACTIC

41st Annual Meeting of NAFO, 23-27 September 2019
Bordeaux, France

Item of Agenda:

1. Opening by the Chair, Judy Dwyer (Canada)

The meeting will be opened by the Chair, Judy Dwyer (Canada), at 14:00 hrs on Monday, 23 September 2019.

2. Appointment of Rapporteur

A rapporteur will be nominated and appointed.

3. Adoption of Agenda

The agenda will be presented to the meeting for review and adoption based on the provisional agenda circulated to all Contracting Parties in NAFO/19-178 of 23 July 2019.

4. STACTIC participation

At the 2019 Intersessional meeting, STACTIC agreed to seek further guidance from the Commission on issues of STACTIC participation by non-government representatives.

5. Compliance review 2019 including review of apparent infringement reports and of chartering arrangements

In accordance with Rule 5.1.e of the NAFO Rules of Procedure: Commission, STACTIC shall produce the Annual Compliance Report. STACTIC will review the information based on the compilation of 2018 fisheries reports (circulated to STACTIC by the Secretariat in a separate communication).

According to Article 26.15 of the NAFO Conservation and Enforcement Measures (CEM), "By 15 August each year, the Executive Secretary submits a report to the Commission detailing the chartering arrangements for the preceding calendar year to ensure that the Commission has an opportunity to review compliance with the provisions of this Article at each Annual Meeting." At the 2018 Annual Meeting the Commission tasked STACTIC with reviewing the information on chartering arrangements, and it was agreed that "STACTIC will recommend to the Commission that going forward, the Overview of Chartering Arrangements and transshipment operations will be incorporated into the Compliance Review starting in 2019."

6. Measures concerning repeat non-compliance of serious infringements in the NAFO Regulatory Area

At the 2019 Intersessional meeting, it was agreed that Canada would present a proposal for addressing repeat non-compliance of serious infringements in the NAFO Regulatory Area at this meeting.

7. New and pending proposals on enforcement measures: Possible revisions of the NAFO CEM

This is a regular agenda item where new and pending proposals concerning the NAFO CEM are deliberated. At the 2019 STACTIC Intersessional meeting, discussions on STACTIC WP 19-25 and STACTIC WP 19-30 were deferred to this meeting. Canada, at the Intersessional, agreed to discuss STACTIC WP 19-04 with the European Union and present a revision at this meeting. Canada, at the Intersessional, agreed to continue work on STACTIC WP 19-27 and present a revision at this meeting. Contracting Parties agreed to provide comments on STACTIC WP 19-28 and STACTIC WP 19-29 to the European Union and Canada to facilitate further discussions on these working papers at this meeting. Contracting Parties also agreed to revise STACTIC WP 19-19 for discussion at this meeting.

At the 2019 STACTIC Intersessional meeting, it was also agreed that the European Union would draft a proposal on the closure of the 3M Redfish fishery; that the European Union in collaboration with Japan and Canada would draft a revision of Annex ILM, that Canada would draft a proposal based on the discussions outlined in STACTIC WP 19-34, that Canada, in consultation with the NAFO Secretariat, would draft a proposal to modify the OBR report for presentation at the 2019 Annual Meeting, and that Canada would prepare a proposal to clarify the language in Article 37.5 for presentation at this meeting.

8. Discussions on the interpretation of Article 10 of the NAFO CEM

At the March 2019 meeting of the EDG, and at the 2019 STACTIC Intersessional meeting, Contracting Parties discussed the issue of the varying interpretations of Article 10 of the NAFO CEM, mainly the interpretation of “engaged in a directed fishery”, and what that means for port inspection coverage. The Chair highlighted the need to continue this discussion at this meeting.

9. NAFO MCS website and application development

The Secretariat will give an update on any progress or changes to the NAFO MCS Website since the 2019 Intersessional meeting under this agenda item. The Secretariat will also provide an update on the status of the Observer reporting application and the electronic PSC reporting.

The European Union, at the 2019 Intersessional meeting agreed to bring a revision of STACTIC WP 19-23 to the Annual Meeting for discussion along with proposals outlining access to the MCS website.

10. Editorial Drafting Group (EDG) of the NAFO CEM

At the 2019 STACTIC Intersessional meeting, Contracting Parties agreed to review STACTIC WP 19-11 intersessionally for discussion at this meeting. Contracting Parties also agreed to provide comments to the United States on STACTIC WP 19-41 and the United States agreed to continue work on this working paper for presentation at this meeting. Any other updates from the EDG will also be discussed under this agenda item.

11. Review and evaluation of Practices and Procedures

It was agreed that this would be a standing agenda item to be discussed as necessary as it provides Contracting Parties with the opportunity to share information on domestic practices and procedures. Contracting Parties are encouraged to continue to submit relevant documents to the Secretariat to augment the NAFO Members’ pages.

Denmark (in respect of the Faroe Islands and Greenland) agreed at the 2019 Intersessional meeting to provide a demonstration of their quota monitoring system.

12. Review of current IUU list pursuant to NAFO CEM Article 53

The IUU list will be reviewed in accordance with Article 53 of the NAFO CEM.

13. Review of the reporting of provisional monthly catch (Article 28.8.a)

At the 2019 Intersessional meeting, STACTIC discussed a proposal by the European Union (STACTIC WP 19-22) relating to the provision of monthly catch reporting outlined in Article 28.8.a. It was agreed at that meeting that the European Union, Canada and Denmark (in respect of the Faroe Islands and Greenland) would work together on this issue in advance of this meeting.

14. Bycatches and discards

It was agreed at the 2019 Intersessional meeting that STACTIC would discuss the potential for a small working group to analyze the bycatch and discards issues in NAFO, including the terms of reference for such a group, at this meeting. It was also agreed to defer discussions on STACTIC WP 19-17 to this meeting.

15. Discussion of data classification and access rights

At the 2019 STACTIC Intersessional meeting, the NAFO Secretariat presented STACTIC WP 19-16 relating to information on the NAFO Members pages that could be migrated to the public NAFO Website. It was agreed that the NAFO Secretariat provide a detailed presentation of the elements outlined in the working paper at this meeting.

16. Discussion on garbage disposal and labour conditions onboard vessels

At the 2019 Intersessional meeting, it was agreed to defer discussions on STACTIC WP 19-33 to this meeting. Contracting Parties also agreed to continue submitting their Single Point of Contact (SPOC) to the NAFO Secretariat for posting to the MCS website.

17. Discussion of the reporting of shark catches in the NAFO Regulatory Area

At the 2019 STACTIC Intersessional meeting, there were several working papers presented relating to the reporting of shark catches in the NAFO Regulatory Area. It was agreed that Canada, Denmark (in respect of the Faroe Islands and Greenland), and the United States would work together to exchange information on shark reporting and work toward a single methodology for reporting Greenland shark catches, and will provide an update at this meeting.

18. Other business

Any topics not covered by the agenda items above may be discussed under this agenda item.

19. Election of Chair and vice-Chair

According to NAFO Rules of Procedure: Commission (Rule 5.4) "The Committee shall elect, to serve for two years, their own Chairperson and Vice-Chairperson, who shall be allowed a vote."

The current Chair, Judy Dwyer, (Canada), was re-elected in September 2017.

The current vice-Chair, Aronne Spezzani (EU), was re-elected in September 2017.

20. Time and place of next meeting

Under this agenda item, possible dates and venue for the next STACTIC meeting will be discussed.

21. Adoption of report

The STACTIC report will be adopted by the Committee and then presented to the Commission. The recommendations and proposals will be forwarded to the Commission during the meeting for consideration and adoption.

22. Adjournment

The Committee shall endeavour to formally close its proceedings on Wednesday, 25 September 2019 and provide its report for the Commission the following day. The Commission will then decide on the time for the report to be presented by the STACTIC Chair to the Commission.

PART III.
41st Annual Meeting of NAFO
 23-27 September 2019
 Bordeaux, France

Scientific Council

Provisional Agenda

I. Plenary Session

1. Opening
2. Appointment of Rapporteur
3. Adoption of Agenda
4. Plan of Work

II. Review of Scientific Council Recommendations

III. Joint Session of Commission and Scientific Council

1. Implementation of 2018 Performance Review Panel recommendations
2. Presentation of scientific advice by the Chair of the Scientific Council
 - a. Response of the Scientific Council to the Commission's request for scientific advice
 - b. Feedback to the SC regarding the advice and its work during this meeting
 - c. Other issues as determined by the Chair of the Commission and of the Scientific Council
3. Meeting Reports and Recommendations of the Joint Commission–Scientific Council Working Groups
 - a. Working Group on Improving Efficiency of NAFO Working Group Process (E-WG), February 2019
 - b. Working Group on Risk-based Management Strategies (WG-RBMS), April and September 2019
 - c. Working Group on Ecosystems Approach Framework to Fisheries Management (WG-EAFFM), July 2019
 - d. Catch Estimation Strategy Advisory Group (CESAG), 2019
4. Formulation of Request to the Scientific Council for Scientific Advice on Management in 2021 and Beyond of Certain Stocks in Subareas 2, 3 and 4 and Other Matters

IV. Research Coordination

1. Opening
2. Fisheries Statistics
 - a. Progress Reports on Secretariat Activities
 - b. Review of STATLANT21
3. Research Activities
 - a. Surveys Planned for 2018 and 2019
4. Other Matters
 - a. Review of SCR and SCS Documents
 - b. Review of Survey SCS Document
 - c. Other Business
 - i. Communication of scientific studies to fishing fleets in the NAFO area
 - ii. Analysis of sampling rates to evaluate the impact on the precision of survey estimates.

V. Fisheries Science

1. Opening
2. Nomination of Designated Experts
3. Other Matters
 - a. Review of SCR and SCS Documents
 - b. Assessments deferred from the June meeting
 - i. Northern shortfin squid in SA 3+4
 - c. Review of FIRMS classification of NAFO stocks
 - d. Other Business

VI. Requests from the Fisheries Commission

1. Requests/advice deferred from the June Meeting
 - a. Scientific Council budget for 2020
 - b. Requests arising from Working Groups in 2019
2. *Ad hoc* Requests from Current Meeting

VII. Review of Future Meeting Arrangements**VIII. Future Special Sessions**

1. Discussion of proposed topics

IX. Other Matters

1. Meeting reports
 - a. ICES/NAFO Working Group on Deep-water Ecology (WG-DEC)
 - b. ICES/NAFO/NAMMCO Working Group on Harp and Hooded Seals (WG-HARP)
2. SC work plan

X. Adoption of Reports

1. Committee Reports of STACFIS and STACREC
2. Report of Scientific Council

XI. Adjournment

Annex 1. The Commission's Request for Scientific Advice on Management in 2020 and Beyond of Certain Stocks in Subareas 2, 3 and 4 and Other Matters

(NAFO SCS Doc. 19-01)

Following a request from the Scientific Council, the Commission agreed that items 1, 2, 3, 4, and 12 should be the priority for the June 2019 Scientific Council meeting. Items 4 and 12 were identified as top priorities for Scientific Council subject to resources.

1. The Commission requests that the Scientific Council provide advice for the management of the fish stocks below according to the assessment frequency presented below. In keeping with the NAFO Precautionary Approach Framework (FC Doc. 04/18), the advice should be provided as a range of management options and a risk analysis for each option (rather than a single TAC recommendation) and the actual risk level should be decided upon by managers.

Yearly basis	Two-year basis	Three-year basis
Cod in Div. 3M Northern shrimp in Div. 3M	Redfish in Div. 3M Northern shrimp in Div. 3LNO Thorny skate in Div. 3LNO Witch flounder in Div. 3NO Redfish in Div. 3LN	American Plaice in Div. 3LNO American Plaice in Div. 3M Capelin in Div. 3NO Northern shortfin squid in SA 3+4 Redfish in Div. 3O Yellowtail flounder in Div. 3LNO Greenland halibut in Div. 2+3KLMNO Splendid alfonso in SA 6

To implement this schedule of assessments, the Scientific Council is requested to conduct a full assessment of these stocks as follows:

In 2019, advice should be provided for 2020 for Cod in 3M (subject to the outcomes of the Management Strategy Evaluation process) and Northern shrimp in 3M. With respect to Northern shrimp in 3M, SC is requested to provide its advice to the Commission prior to the 2019 Annual Meeting.

In 2019, advice should be provided for 2020 and 2021 for: Redfish in 3M, White hake in 3NO, and Northern shrimp in 3LNO.

In 2019, advice should be provided for 2020, 2021 and 2022 for: Northern shortfin squid in SA 3+4, and Redfish in 3O.

Advice should be provided using the guidance provided in **Annexes A or B as appropriate**, or using the predetermined Harvest Control Rules in the cases where they exist (currently 3LN Redfish and Greenland halibut 2+3KLMNO).

The Commission also requests the Scientific Council to continue to monitor the status of all other stocks annually and, should a significant change be observed in stock status (e.g. from surveys) or in bycatch in other fisheries, provide updated advice as appropriate.

2. In 2019, the Commission requests Scientific Council to conduct a full assessment of Witch Flounder in Div. 3NO. The advice should be provided for 2020 and 2021.
3. The Commission requests the Scientific Council to monitor the status of Greenland halibut in Subarea 2+Div 3KLMNO annually to compute the TAC using the agreed HCR and determine whether exceptional circumstances are occurring. If exceptional circumstances are occurring, the exceptional circumstances protocol will provide guidance on what steps should be taken.
4. The Commission requests the Scientific Council to implement the steps as described in the revised calendar (COM/SC Doc. 18-02, Annex 4) relevant to the SC for progression of the 3M Cod Management Strategy Evaluation for 2019.

5. The Commission requests that Scientific Council continue its evaluation of the impact of scientific trawl surveys on VME in closed areas, and the effect of excluding surveys from these areas on stock assessments.
6. The Commission requests the Scientific Council to implement the steps of the Action plan relevant to the SC and in particular the tasks identified under section 2.2 of the Action Plan, for progression in the management and minimization of Bycatch and discards (COM Doc. 17-26).
7. The Commission requests Scientific Council to conduct a full assessment on 3M golden Redfish in 2019 and, acknowledging that there are three species of redfish that exist in 3M and are difficult to separate in the catch, provide advice on the implications for catch reporting and stock management.
8. The Commission requests the Scientific Council to continue to refine its work under the Ecosystem Approach Road Map, including testing the reliability of the ecosystem production potential model and other related models, and to report on these results to both the WG –EAFFM and WG- RBMS to further develop how it may apply to management decisions.
9. In relation to the assessment of NAFO bottom fisheries, the Commission endorsed the next re-assessment in 2021 and that the Scientific Council should:
 - Assess the overlap of NAFO fisheries with VME to evaluate fishery specific impacts in addition to the cumulative impacts;
 - Consider clearer objective ranking processes and options for objective weighting criteria for the overall assessment of significant adverse impacts and the risk of future adverse impacts;
 - Maintain efforts to assess all of the six FAO criteria (Article 18 of the FAO International Guidelines for the Management of Deep Sea Fisheries in the High Seas) including the three FAO functional SAI criteria which could not be evaluated in the current assessment (recovery potential, ecosystem function alteration, and impact relative to habitat use duration of VME indicator species).
 - Continue to work on non-sponge and coral VMEs (for example bryozoan and sea squirts) to prepare for the next assessment.
10. Review the proposed revisions to Annex I.E, Part VI as reflected in COM/SC WG –EAFFM WP 18-01, for consistency with the taxa list annexed to the VME guide and recommend updates as necessary.
11. The Commission requests Scientific Council to conduct a re-assessment of VME closures by 2020, including area #14.
12. The Commission requests the Scientific Council to continue progression on the review of the NAFO PA Framework.
13. According to the Scientific Advice for years 2019, 2020 and 2021, fishing should not be allowed to expand above current levels on Kükenthal Peak (Div. 6G, part of the Corner Rise seamount chain). To allow this recommendation to be enforceable the Commission requests the Scientific Council to provide the map and coordinates of the Kükenthal Peak.
14. The Commission requests Scientific Council work with WG- BDS to identify areas and times where bycatch and discards of Greenland sharks have a higher rate of occurrence. This work will support WG-BDS in developing appropriate management recommendations, including safe handling practises for live release of Greenland sharks, for consideration by the Commission at its 2021 Annual Meeting.
15. The Commission requests Scientific Council to monitor and provide regular updates on relevant research related to the potential impact of activities other than fishing in the Convention Area, such as oil exploration, shipping and recreational activities, and how they may impact the stocks and fisheries as well as biodiversity in the Regulatory Area.
16. The Commission requests Scientific Council to take the first steps to develop a 3-5 year work plan, which reflects requests arising from the 2018 Annual Meeting, other multi-year stock assessments and other scientific inquiries already planned for the near future. The work plan should identify what resources are necessary to successfully address these issues, gaps in current resources to meet those needs and proposed prioritization by the Scientific Council of upcoming work based on those gaps.

ANNEX B. Guidance for providing advice on Stocks Assessed without a Population Model

For those resources for which only general biological and/or catch data are available, few standard criteria exist on which to base advice. The stock status should be evaluated in the context of management requirements for long-term sustainability and the advice provided should be consistent with the precautionary approach.

The following graphs should be presented, for one or several surveys, for the longest time-period possible:

- a) time trends of survey abundance estimates
- b) an age or size range chosen to represent the spawning population
- c) an age or size-range chosen to represent the exploited population
- d) recruitment proxy or index for an age or size-range chosen to represent the recruiting population.
- e) fishing mortality proxy, such as the ratio of reported commercial catches to a measure of the exploited population.
- f) Stock trajectory against reference points

And any information the Scientific Council deems appropriate.

**Annex 2: Denmark (on behalf of Greenland) Requests for Scientific Advice on
Management in 2020 of Certain Stocks in Subarea 0 and 1**
(NAFO SCS Doc. 19-02)

- 1. Golden Redfish, Demersal deep-sea Redfish, Atlantic Wolffish and Spotted Wolffish:** Advice on Golden Redfish (*Sebastes marinus*), Demersal Deep-Sea Redfish (*Sebastes mentella*), Atlantic Wolffish (*Anarhichas lupus*) and Spotted Wolffish (*Anarhichas minor*) in Subarea 1 was in June 2017 given for 2018-2020. Denmark (on behalf of Greenland) requests the Scientific Council to continue to monitor the status of the stock and should any significant changes in the stock status be observed, the Scientific Council is requested to provide updated advice as appropriate.
- 2. Greenland Halibut, offshore:** For Greenland Halibut in subareas 0 + 1 advice was in 2018 given for 2019 and 2020. Subject to the concurrence of Canada as regards Subareas 0 and 1, the Scientific Council is requested to continue to monitor the status. Should significant changes in the stock status be observed the Scientific Council is requested to provide updated advice as appropriate for Greenland Halibut in 1) the offshore areas of NAFO Division OA and Division 1 A plus Division 1B and 2) NAFO Division OB plus Divisions 1 C-1F. The Scientific Council is also asked to advice on any other management measures it deems appropriate to ensure the sustainability of these resources.
- 3. Greenland Halibut, inshore, Northwest Greenland:** Advice on Greenland Halibut in Division 1 A inshore was in 2018 given for 2019-2020. Denmark (on behalf of Greenland) requests the Scientific Council to continue to monitor the status, and should significant changes in the stock status be observed the Scientific Council is requested to provide updated advice as appropriate.
- 4. Northern Shrimp, West Greenland:** Subject to the concurrence of Canada as regards Subarea 0 and 1, Denmark (on behalf of Greenland) requests the Scientific Council before December 2019 to provide advice on the scientific basis for management of Northern Shrimp (*Pandalus borealis*) in Subarea 0 and 1 in 2020 and for as many years ahead as data allows for.
- 5. Northern Shrimp, East Greenland:** Furthermore, the Scientific Council is in cooperation with ICES requested to provide advice on the scientific basis for management of Northern Shrimp (*Pandalus borealis*) in Denmark Strait and adjacent waters east of southern Greenland in 2020 and for as many years ahead as data allows for.

Coastal State Special Request for Scientific Advice for 2020
(NAFO SCS Doc. 19-05)

Denmark (on behalf of Greenland) hereby requests for scientific information on the fishery of Northern shrimp in NAFO Subareas Div OA in order to improve management of the shrimp stock.

- **Northern Shrimp in Subarea Div OA**

Canada is requested to inform on its fishery patterns since 2012 as well as the geographical distribution of its fishery in the same period.

With respect to:

- Geographical distribution of its fishery
- Total catch index
- Effort index
- Standardized CPUE index

Annex 3. Requests for Advice from Canada for 2019 (NAFO SCS Doc. 19-03)

Shrimp (Divisions OA and Subarea 1)

Canada requests the Scientific Council consider the following options in assessing and projecting future stock levels for Shrimp in Subareas O and I:

The status of the stock should be determined and management options evaluated for catch options ranging from 30,000 t to the catch corresponding to Z_{MSY} , in 5,000-10,000 t increments (subject to the discretion of Scientific Council), with forecasts for the next 5 years if possible. These options should be evaluated in relation to Canada's Harvest Strategy (attached) and the Northwest Atlantic Fisheries Organization Precautionary Approach Framework, and presented in the form of risk analyses related to the B_{MSY} , B_{lim} and Z_{MSY} .

Presentation of the results should include graphs and/or tables related to the following:

- Historical and current yield, biomass relative to B_{MSY} , total mortality relative to Z_{MSY} , and recruitment (or proxy) levels for the longest time period possible;
- Total mortality (Z) and fishable biomass for a range of projected catch options (as noted above) for the years 2019 to 2023 if possible. Projections should include both catch options and a range of effective cod predation biomass levels considered appropriate by the Scientific Council. Results should include risk analyses of falling below: B_{MSY} , $80\%B_{MSY}$ and B_{lim} , and of being above Z_{MSY} based on the 3-year projections; and
- Total area fished for the longest time period possible.

Any other information the Scientific Council deems relevant should also be provided.

Annex 4. Designated Experts in 2019

From the Science Branch, Northwest Atlantic Fisheries Centre, Department of Fisheries and Oceans, St. John's, Newfoundland & Labrador, Canada

Cod in Div. 3NO	Rick Rideout	rick.rideout@dfo-mpo.gc.ca
Redfish Div. 3O	Danny Ings	danny.ings@dfo-mpo.gc.ca
American Plaice in Div. 3LNO	Laura Wheeland	laura.wheeland@dfo-mpo.gc.ca
Witch flounder in Div. 3NO	Joanne Morgan	joanne.morgan@dfo-mpo.gc.ca
Yellowtail flounder in Div. 3LNO	Dawn Maddock Parsons	dawn.parsons@dfo-mpo.gc.ca
Greenland halibut in SA 2+3KLMNO	Joanne Morgan	joanne.morgan@dfo-mpo.gc.ca
Northern shrimp in Div. 3LNO	Katherine Skanes	katherine.skane@dfo-mpo.gc.ca
Thorny skate in Div. 3LNO	Mark Simpson	mark.r.simpson@dfo-mpo.gc.ca
White hake in Div. 3NO	Mark Simpson	mark.r.simpson@dfo-mpo.gc.ca

From the Department of Fisheries and Oceans, Winnipeg, Manitoba, Canada

Greenland halibut in SA 0+1	Margaret Treble	margart.treble@dfo-mpo.gc.ca
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From the Instituto Español de Oceanografía, Vigo (Pontevedra), Spain

Roughhead grenadier in SA 2+3	Fernando Gonzalez-Costas	fernando.gonzalez@ieo.es
Splendid alfonsino in Subarea 6	Fernando Gonzalez-Costas	fernando.gonzalez@ieo.es
Cod in Div. 3M	Diana Gonzalez-Troncoso	diana.gonzalez@ieo.es
Shrimp in Div. 3M	Jose Miguel Casas Sanchez	mikel.casas@ieo.es

From the Instituto Nacional de Recursos Biológicos (INRB/IPMA), Lisbon, Portugal

American plaice in Div. 3M	Ricardo Alpoim	ralpoim@ipma.pt
Golden redfish in Div. 3M	Ricardo Alpoim	ralpoim@ipma.pt
Redfish in Div. 3M	Antonio Avila de Melo	amelo@ipma.pt
Redfish in Div. 3LN	Antonio Avila de Melo	amelo@ipma.pt

From the Greenland Institute of Natural Resources, Nuuk, Greenland

Redfish in SA1	Rasmus Nygaard	rany@natur.gl
Other Finfish in SA1	Rasmus Nygaard	rany@natur.gl
Greenland halibut in Div. 1A	Rasmus Nygaard	rany@natur.gl
Northern shrimp in SA 0+1	AnnDorte Burmeister	anndorte@natur.gl
Northern shrimp in Denmark Strait	Frank Riget	frri@natur.gl

From Knipovich Polar Research Institute of Marine Fisheries and Oceanography (PINRO), Russian Federation

Capelin in Div. 3NO	Konstantin Fomin	fomin@pinro.ru
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From National Marine Fisheries Service, NEFSC, Woods Hole, Massachusetts, United States of America

Northern Shortfin Squid in SA 3 & 4	Lisa Hendrickson	lisa.hendrickson@noaa.gov
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