

**Annex 2 to the
Partnership Arrangement between the
Northwest Atlantic Fisheries Organization
and the
Food and Agriculture Organization of the United Nations
(representing the FIGIS-FIRMS Partnership)**

1. *Data and statistical information*

The following applies to the stocks managed by the NAFO Fisheries Commission (Table 1 provides a list of stocks under quota management by NAFO in 2004)

Scope of information to be contributed

NAFO is mandated by its Contracting Parties to provide scientific advice and implement management measures for the NAFO Regulatory Area in the Northwest Atlantic (defined by the NAFO Convention). NAFO will contribute to FIGIS information on stocks for which management advice is provided by NAFO Scientific Council to the NAFO Fisheries Commission.

Types of information to be contributed:

- **Reports:** NAFO Scientific Council Summary Sheets containing information on stock status, assessments and management advice for NAFO managed fish stocks (see Table 1) will be made available for upload to FIGIS. Links to supporting scientific documents, such as stock assessment documents, will be provided.
- **Data:** Catch and fishing effort data will be provided at public domain resolution as determined under the policies of NAFO. These data will be available for use by FIGIS in development of summary plots and statistics elsewhere presented within the FIGIS system.
- **Biology, ecology, fisheries, and other information:** Summary information from research and investigations specific to stocks and resources managed by NAFO will be provided in the form of links to reports available on the NAFO website.
- **Fishery Regulation and Management Measures:** Information on regulation and management of fisheries in the NAFO Regulatory Area will be included on FIGIS with links to relevant sections of the NAFO Conservation and Enforcement Measures maintained on the NAFO website.

Documentation and Standards to be used in this Partnership Agreement

Sources of information will be documented, and links to electronic versions of source material will be provided when available. A link to the NAFO website will be provided for detailed information not suitable for posting to FIGIS. The information to be contributed will conform to NAFO policy guidelines for confidentiality and information release and to the Information Management Policy established by the FIRMS/FIGIS Steering Committee.

2. *Metadata and information management*

Methods of collection and processing: Details of the NAFO data collection and compilation are provided in the various Scientific Council reports, studies, and documents accessible on the NAFO WebPages.

Bibliographical sources: Bibliographical sources for the NAFO reports are listed in the stock summary sheets and in the Scientific Council Summary Documents. Most of the bibliographical source documents are stored on the NAFO website for a limited duration after which time they are available upon request from the NAFO Secretariat. From the FIGIS fact sheets, links will point to the relevant NAFO source documents.

Ownership and responsibilities: The information contributed to FIRMS resides under the full ownership and responsibility of NAFO. Therefore, the ownership presented as header of each stock fact sheet will clearly include "Northwest Atlantic Fisheries Organization" or its acronym "NAFO" as the organization and data owner institutional entity. The acronym for the Commission used throughout FIGIS-FIRMS will be "NAFO". Further, NAFO will be owner of all descriptions of itself, and all text outlining its responsibilities and accomplishments, wherever presented by pages linked to or referenced by FIGIS-FIRMS, including pages developed by other organizations or entities within such as UN/FAO/FIRMS. This shall be accomplished by establishment of appropriate editorial and ownership security privileges within FIGIS-FIRMS. In cases where an item has joint ownership, all entities shall show a clear indication of ownership on fact sheets.

Transmission protocols and dissemination channels: The NAFO Scientific Council Reports and the NAFO Conservation and Enforcement Measures which serve as background documentation for information published on FIGIS-FIRMS will be published on the NAFO web site. Links to these reports and relevant texts will be added in various topics of the FIGISFIRMS fact sheets under NAFO ownership using a combination of the tools offered by the system (XML editing uploading – on-line editing). Transmission schedule is planned to be within three months following publication by NAFO of its reports on the NAFO website.

3. *Data and information security*

All contributions from NAFO will be on the public domain. Transparency of the information and results on status and trends of stocks and resources presented by NAFO are documented in the course of the scientific peer-review process followed to obtain the results, and the various meetings of the NAFO at which the results, and various options for management and resource conservation, are presented and discussed. Details on these meetings and processes are available at the NAFO website.

4. *Collaborative institutions*

NAFO works closely together with numerous institutions both national and international on promoting marine science in the North Atlantic.

5. *Additional entitlements*

NAFO staff and NAFO participants will be entitled to participate in workshops or special courses organized by the FIRMS Secretariat (FAO) in the use of electronic publishing tools used in the FIRMS-FIGIS.

When required, this Annex may be revised by mutual consent.

TABLE 1. Fish stocks under quota regulation by NAFO (Status in 2004). Information on additional stocks may be provided on a year-to-year basis

Stock	Assessment		
	Annual	Bi-Annual	Occasional
1. Greenland halibut in SA2 and Div. 3KLMNO	√		
2. Northern Shrimp in Div. 3M	√		
3. Northern Shrimp in Div. 3LNO	√		
4. American plaice in Div. 3LNO		√	
5. Cod in Div. 3NO		√	
6. Redfish in Div. 3LN		√	
7. Witch flounder in Div. 2J3KL		√	
8. Redfish in Div. 3M		√	
9. Cod in Div. 3M		√	
10. American plaice in Div. 3M		√	
11. Witch flounder in Div. 3NO		√	
12. Yellowtail flounder in Div. 3LNO		√	
13. Squid <i>Illex</i> in Subareas 3 and 4		√	
14. Capelin in Div. 3NO			√