

**Annex 2 to the  
Partnership Arrangement between  
the International Council for the Exploration of the Sea  
and the  
Food and Agriculture Organization of the United Nations  
(Representing the FIGIS-FIRMS Partnership)**

**Information to be contributed to FIGIS-FIRMS  
by the International Council for the Exploration of the Sea (ICES)**

**1. DATA AND STATISTICAL INFORMATION:**

**TYPES OF INFORMATION TO BE CONTRIBUTED:**

**Reports:** ICES advisory reports developed for presentation of stock status and trends will be structured for upload and maintained in 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 ICES. 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 in the Northeast Atlantic and the Baltic Sea (FAO area 27) will be provided in the form of links to reports available on the ICES website. Information on the fisheries and fleets that fall under ICES' fisheries advisory remit will be posted on FIGIS.

**SCOPE OF INFORMATION TO BE CONTRIBUTED:**

ICES provides advice on fishery management for Northeast Atlantic and Baltic Sea fisheries in accordance with agreements with its member countries and its Partner Fisheries Commissions. ICES will provide information on stocks for which it provides advice on fisheries management. Advice on exploitation of Atlantic tunas and whales are the remit of ICCAT and IWC, respectively.

Table 1 provides a list of species for which ICES provided advice on fisheries management in 2003.

**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 ICES website will be provided for detailed information not suitable for posting to FIGIS. The information to be contributed will conform to ICES 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 ICES data and compilation are provided in ICES reports in particular in the ICES Fish Stock Assessment Working Group Reports.

**BIBLIOGRAPHICAL SOURCES:**

Bibliographic sources for the ICES reports are contained in the individual stock assessment reports. These detailed reports will be included by website link on the FIGIS-FIRMS fact sheets, through the appropriate species link in the summary reports which will be posted to FIGIS-FIRMS fact sheets. They may also be directly located when visiting the ICES website

**OWNERSHIP AND RESPONSIBILITIES:**

The information contributed to FIRMS resides under the full ownership and responsibility of ICES. Therefore, the ownership presented as header of each stock fact sheet will clearly include "International Council for the Exploration of the Sea" or its acronym "ICES" as the organization and the data owner institutional entity. The acronym for the Commission used throughout FIGIS-FIRMS will be "ICES". Further, ICES 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:**

ICES stock assessment and scientific reports which serve as background documentation for information published on FIGIS-FIRMS will be published on the ICES web site. Links to these reports and relevant texts will be added in various topics of the FIGIS-FIRMS fact sheets under ICES 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 ICES of its reports on the ICES web-site.

#### **3. DATA AND INFORMATION SECURITY:**

All contributions from the ICES will be in the public domain. Transparency of the information and results on status and trends of stocks and resources presented by ICES are documented in the course of the scientific peer-review process followed to obtain the results, and the various public meetings of the ICES 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 ICES website.

#### **4. COLLABORATIVE INSTITUTIONS:**

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

#### **5. ADDITIONAL ENTITLEMENTS:**

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

**Table 1** Species for which ICES in 2003 provided advice on fisheries management

Cod

Haddock

Whiting

Saithe

Plaice

Sole

Flounder

Megrim

Anglerfish

Redfish (*Sebastes* spp.)

Greenland halibut

Herring

Mackerel

Horse Mackerel

Sprat

Capelin

Anchovy

Sardine (Pilchard)

Blue Whiting

Norway Pout

Sand eel

Sea bass

Atlantic Salmon

Various Deep water fish species

Nephrops

Shrimp (*Pandalus borealis*)