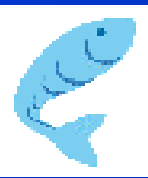


The Fisheries Data Collection Framework and its new Revision exercise

By

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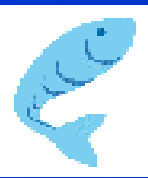
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PART A

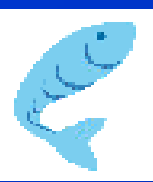
Collection and Management of the Fisheries Data to conduct the CFP

- **Council Reg. N°1543/2000, establishing Community framework for data collection;**
- **Council Decision 2000/439, on a financial contribution to MS for data collection;**
- **Commission Reg. N°1639/2001, laying down detailed rules on parameters, aggregation and precision levels;**
- **Commission Reg. N° 1581/2004, amending Reg. 1639/2001.**



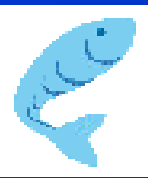
Member States' national programmes

- **MS shall draw up a national programme for the collection and management of data for six-year periods (updated version every year);**
- **MS shall include all elements from the minimum, mandatory programme within their national submission;**
- **MS may apply for financial assistance in order to achieve the MP and EP (optional).**



Definition of the contents of the Community Programmes

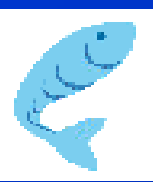
- **Module of evaluation of inputs: Fishing capacities and Fishing efforts;**
- **Module of sampling of catches and landings and scientific surveys at sea;**
- **Module of evaluation of Economic situation of the sector.**



Module of evaluation of inputs

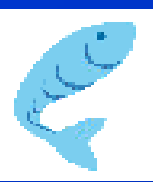
- **C : Collection of data concerning fishing capacity**
 - **MP : tonnage, engine power, age by fleet segment**
 - **EP : standard fishing gear, auxiliary engine power, etc.**

- **D : Collection of data related to fishing effort**
 - **MP: fuel consumption, fishing effort by type of fishing technique, specific effort**
 - **EP : complementary parameters for the efforts and the techniques**



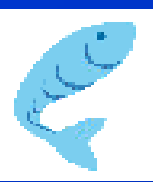
Module of evaluation of the catches, landings & surveys

- **E : Collection of data related to catches & landings**
 - **MP : commercial landings for all stocks, total catches, landings and discards of listed stocks, catches from recreational fisheries (Salmon, BFT and cod);**
 - **EP : landings of other listed stocks, catches from game and recreational fisheries, salmon catches from fresh waters in Baltic and North Sea area.**



Module of evaluation of the catches, landings & surveys

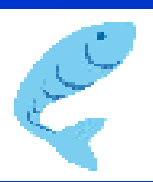
- **F : Catches per unit of effort (cpue series)**
 - **MP** : series used to estimate trends in abundance of stocks from 1995 onwards and/or fisheries where there are International Organisation requirements (i.e. ICCAT);
 - **EP** : series which have not been used in stocks assessment but are expected to be conducted in a near future (i.e. deep-sea species, demersal stocks in Mediterranean waters).



Module of evaluation of the catches, landings & surveys

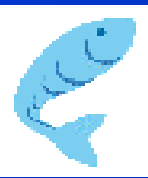
- **G : Scientific surveys for the evaluation of stocks**
 - MP : all surveys listed with priority 1*
 - EP : all surveys with priority 2

* Priority criteria : international surveys whose results are used in stocks assessments



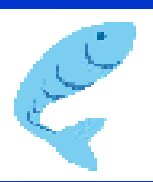
Module of evaluation of the catches and landings

- **H : Biological sampling of catches : composition by age & length**
 - **Age & length composition of listed stocks,**
 - **Age & length composition of discards for listed stocks.**



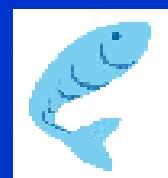
Module of evaluation of the catches and landings

- **I : Other biological parameters**
 - **growth curves by length and by weight,**
 - **Maturity at length and age,**
 - **Fecundity at length and age,**
 - **Sex ratio by length and age.**



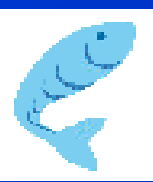
Module of evaluation of the economic situation of the sector

- **J: Collection of economic data by groups of vessels**
 - **MP** : Income (turnover), Production cost (crew, fuel, repair, maintenance & other costs), Fixed costs, Financial position, Investment (assets), Prices per species, employment, info on fleet segment (N° by segments, average GT, average kW, age, etc.)
 - **EP** : same parameters w/ different disaggregation (time and regional)



Module of evaluation of the economic situation of the sector

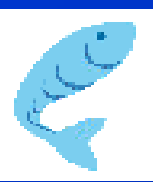
- **K : Collection of data concerning the processing industry**
 - **MP** : pilot surveys to assess the annual value per sector of listed parameters (Raw material, Income, Production cost, Investments, Employment, capacity utilisation, etc.)
 - **EP** : any data that could assess the overall sensitivity of the sectors with respect to the catches from the stocks subjects to TACs and quotas and/or other management measures; data to assess the impact (including social and economic impact) on the processing industry of measures taken by the CFP.



PART B

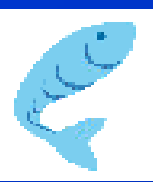
General aims of the Revision of the Data Collection Framework

- Take into account the **fleet based management** :
 - Review data needs & agree regional fleet segmentation;
- Give support to move towards an **ecosystem approach** in fisheries management:
 - Identify environmental data to be collected.



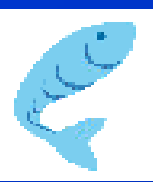
General aims of the Revision of the Data Collection Framework

- Foster a more **regional dimension** to fisheries management:
 - Review how to improve planning and implementation of the data collection programme through regional coordination meetings covering all regions where EU fleet fish;
 - Harmonise data collection and analysis methodologies among Member States conducting the same fisheries.



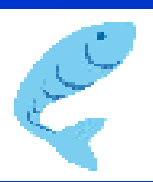
General aims of the Revision of the Data Collection Framework

- Increase **quality and validation** of the data used in the fisheries management:
 - Review current obligations both for biological and economic data;
 - Develop tools to systematically control quality and validity of data collected.



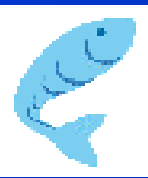
General aims of the Revision of the Data Collection Framework

- Improve **access and exchange** of data:
 - Review how to ensure data access to the scientific community;
 - Review how to coordinate, communicate and share information including improvement of links with the scientific bodies (e.g. ICES), the Regional Fisheries Organisations (e.g. GFCM, NAFO, etc.) and the Member States.



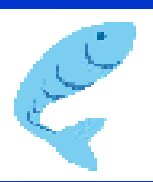
General aims of the Revision of the Data Collection Framework

- Improve the **use** of the data
 - Review the need for spatial and temporal aggregations levels needed to support the scientific work and advice including the development of semi-aggregated databases and their systematic use;
 - Review how to promote analysis in order to provide appropriate data to scientific meetings convened to undertake assessments and evaluations of management measures.



General aims of the Revision of the Data Collection Framework

- Incorporates the **scientific advice** into the same Regulation.
- Core programme and complementary programme (all mandatory)
- Promote **simplification** of the data collection bureaucracy.



Incorporating Scientific advice into the Data Collection Framework

- **Partnerships contracts with national research Institutions**
- **Administrative arrangements with consultative bodies (JRC, STECF, experts)**
- **Contributions to international bodies for stock assessment**