

**Scientific Advisory Committee
9th Meeting of the
Sub-Committee on Stock Assessment (SCSA)
Working Group on Demersals**

Athens, Greece, 10-12 September, 2007

**INFORMATION FOR THE PRACTICAL SESSION
TO PERFORM JOINT STOCK ASSESSMENT
(*Agenda item 6*)**

Facilitators:

Enric Massutí, Beatriz Guijarro and Jordi Lleonart.

Objectives:

- (i) to assess hake and/or red mullets at different GSAs, following a common protocol (e.g. biological parameters, methods and software);
- (ii) (ii) to develop a joint assessment of hake and/or red mullets, from a pool of data from different GSAs, in particular for contiguous GSAs.

Participants:

Attendance is open to scientists with required data

Method to be used:

Pseudocohort analysis (LCA, Y/R)

Software:

VIT, software for fishery analysis (Lleonart and Salat, 1992)

<http://www.fao.org/docrep/W7219E/W7219E00.htm>

<http://www.faocopemed.org/es/activ/infodif/vit.htm>

Exercise contents:

- (i) to review and assume a proposed set of biological parameters for each species;
- (ii) to review and standardize length frequency of catches by gear and GSA;
- (iii) to develop an assessment by GSA and compare the results;
- (iv) to prepare a common data base of length frequency of catches;
- (v) to develop a joint assessment, with transition analysis to simulate management options (e.g. changes in effort and selectivity changes) and to discuss the results;
- (vi) to identify future steps for improving the development of common assessments and extending to other areas and/or species.

Required data:

Annual time series (since 2000) length frequency of commercial hake and/or red mullets catches (including discards when possible) by gear. At least a complete one year of data should be available.

Registration:

The participants are kindly invited to fill the attached form and to return it to the Secretariat by 4 September 2007.

GENERAL FISHERIES COMMISSION FOR THE MEDITERRANEAN (GFCM)

**SCIENTIFIC ADVISORY COMMITTEE (SAC)
Sub-Committee on Stock Assessment (SCSA)**

**SCSA (SAC/GFCM) Working Group on Demersal
Athens (Greece) 10-12 September 2007**

REGISTRATION FORM FOR JOINT ASSESSMENT SESSION

Please return to: e.arneri@ismar.cnr.it with copy to Abdellah.srouf@fao.org and Jordi.Lleonart@fao.org

Name of participant:

Institute / Laboratory:

Address:

Country:

Tel:

Fax:

Email:

Species	Area (GSA)	Gear	Years	Landings			Discards			Biological parameters* (yes/no)
				Length frequency (yes/no)	Interval (cm)	Weight (g)	Length frequency (yes/no)	Interval (cm)	Weight (g)	
<i>Mullus barbatus</i>										
<i>Mullus surmuletus</i>										
<i>Merluccius merluccius</i>										

(*) length-weight relationship (in cm and g), von Bertalanffy growth parameters (L_{∞} in cm, k in years⁻¹, t_0 in years), natural mortality (M in years⁻¹) and maturity curve