

**FUTURE WORK OF THE FISH STOCK ASSESSMENT WORKING GROUP
DATA REQUIREMENTS**

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- Estimate of natural mortality M : all species
- Recruitment information: all species
- Recruitment indices: *C. gunnari* (paragraph 40):
- Catches:
 - to be reported for the fishery in Subarea 48.1 for 1987/88
 - to be reported for Ob and Lena Bank stocks of *N. squamifrons* separately (paragraph 81)
 - to be reported for *P. georgianus* and *C. aceratus* in the Soviet fishery. Catches are so far contained in the category 'unspecified'.
- Length compositions: from Soviet commercial fishery (paragraphs 115 to 117)
- Consistent length and age data from the commercial fishery (paragraph 11), in particular for the past 2–3 years:
 - for *N. gibberifrons* in Subarea 48.3 (paragraph 50)
 - for *C. aceratus* in Subarea 48.3 (paragraphs 54 and 55)
 - for *P. georgianus* in Subarea 48.3 (paragraphs 54 and 55)
 - all species in Subareas 48.1 and 48.2
- Biomass estimates from bottom trawl surveys:
 - all Area 48 (i.e. paragraphs 22 and 64)
 - Division 58.4.4 (paragraphs 80 and 81)

- Mesh selectivity experiments reflecting commercial conditions:
 - all areas, in particular Area 58 (paragraphs 14 and 67)
- Distribution of juvenile fish and by-catch species (paragraph 41) to assess effect of closed season/area
- Fine scale catch an effort and biological data as decided in 1987 (paragraphs 71, 81, 118 and 119)
- Review of catch statistics in Division 58.4.1 (paragraph 72)
- Data on exploited Channichthyid stocks in Subarea 58.4 (paragraph 73).