

2014/2/SSGIEOM21 A Workshop on the review of the ICES acoustic-trawl survey database design (WKIACTDB), chaired by Neil Holdsworth*, Denmark, and Nils Olav Handegard*, Norway, will meet in Copenhagen 1–2 October 2015 to:

- a) Review the proposed design for the ICES acoustic trawl survey database. The first step is to evaluate the existing databases that are currently in place, including the IMR acoustic database (IMRdataBase.doc), PGNAPES db (WGIPSdataBases.doc), Ifremer dB, and FishFrame. The report will evaluate to what extent the proposed design will be meeting the requirements from:
 - i) the ICES working groups responsible for carrying out acoustic surveys (WGIPS, WGACEGG, WGBIFS and WGIDEEPS)
 - ii) international standards including those adopted by the Atlant OS project.
 - iii) The ICES acoustic metadata standard developed by WGFAST.

WKIACTDB will report by 1 November 2015 (via SSGIEOM) for the attention of SCICOM and DIG.

Supporting information

Priority	ICES have got funding from the Atlant OS project under task 2.4 to develop an acoustic trawl survey database for ICES. To ensure a wide adoption of the system within ICES, an ICES workshop is proposed to ensure that the needs for those not within the project are taken into account.
Scientific justification	To improve the fish survey data availability through the ICES data center there is a need to host interpreted acoustic data (NASC values) and corresponding meta-information, in addition to archiving biotic sampling data. This is important for secure storage and consistency between groups doing acoustic surveys, and for data availability. This is one of the main datasets for fisheries advice on pelagic species, including herring, blue whiting, sardines, sprat etc. This is relevant to expert groups that coordinate surveys and feed the ecosystem assessment process in the North Atlantic. Software that runs on top of the database will be developed based on best practice techniques as part of the AtlantOS project.
Resource requirements	Funding is covered by the H2020 project AtlantOS.
Participants	Representatives from WGFAST, WGIPS, WGACEGG, WGBIFS and WGIDEEPS
Secretariat facilities	The datacentre is part of the project and will be part of the WK.
Financial	No financial implications.
Linkages to advisory committees	Supports the expert groups that give advice on pelagic species observed by acoustics.
Linkages to other committees or groups	WGFAST, WGIPS, WGACEGG, WGBIFS and WGIDEEPS
Linkages to other organizations	It is part of the AtlantOS project