

WGIDEEPS - Working Group on International Deep Pelagic Ecosystem Survey

2019/FT/EOSG04 A Working Group on International Deep Pelagic Ecosystem Surveys (WGIDEEPS), chaired by Hannes Höffle, Norway, and Matthias Bernreuther, Germany, will work on ToRs and generate deliverables as listed in the Table below.

| | MEETING DATES | VENUE | REPORTING DETAILS | COMMENTS (CHANGE IN CHAIR, ETC.) |
|-----------|-------------------|----------------|--|---|
| Year 2020 | 25-27 August | Online Meeting | Interim report by 24 September 2020 to ACOM-SCICOM | Kristján Kristinsson as outgoing chair. |
| Year 2021 | 16-19 February | Online Meeting | Interim report by 15 March 2021 to ACOM-SCICOM | |
| Year 2021 | 14 -16 September | Online Meeting | Interim report by 10 September 2021 to ACOM-SCICOM | |
| Year 2022 | TBD January | To be decided | Interim report by 1 March 2022 to ACOM-SCICOM | |
| Year 2022 | By correspondence | | Final report by 15 September 2022 to ACOM-SCICOM | |

ToR descriptors¹

| TOR | DESCRIPTION | BACKGROUND | SCIENCE PLAN CODES | DURATION | EXPECTED DELIVERABLES |
|-----|--|--|---|---------------|---|
| a | Evaluate calculation of biomass and abundance indices derived from the trawl method in the Irminger Sea. | The method of calculating biomass and abundance indices from the trawl data has been based on conversion of the trawl data into acoustic values. This method needs to be evaluated and other methods to be explored. | 3.2 | Year 1 (2020) | Datras data product developed in cooperation with Data Centre and TAF |

¹ Avoid generic terms such as “Discuss” or “Consider”. Aim at drafting specific and clear ToR, the delivery of which can be assessed

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| b | Finalise transfer of trawl survey data from international deep pelagic ecosystem surveys coordinated by the group to ICES DATRAS databases | Data is now stored by individual nations/participants. ICES has committed to a fully transparent and documented quality assurance framework for all data products and assessment results derived from data collated within the ICES working groups, this underpins agreements with all the recipients of ICES advice. | 3.2 | Year 1 (2020) | Inclusion of data in datras |
| c | Set up a formal procedure for the use and transfer of Norwegian Sea survey data to AFWG and WGINOR expert groups | There is currently no agreed format and standard on how the data collected by WGIDEEPS should be transferred to relevant assessment EGs. | 3.1, 3.2 | Year 1 (2020) | TAF procedure for formally including survey data in assessments. |
| d | Coordinate the international deep pelagic ecosystem survey with special emphasis on redfish to be carried out in the Irminger Sea and adjacent waters in June/July 2021 | The WG has been responsible for the planning of the international trawl/acoustic surveys on pelagic redfish (<i>Sebastes mentella</i>) in the Irminger Sea and adjacent waters since 1994 and producing reports on the survey results and outcomes. | 3.1, 3.2 | Year 2 (January meeting) | |
| e | Report on the outcome of the Irminger Sea survey | a) Support sound, credible, timely, peer-reviewed, and integrated scientific advice on fishery management and the protection of the marine environment. b) Redfish indices are being used by assessment working groups. | 3.1, 3.2 | Year 2 (August meeting) | WGIDEEPS 2021 – 2 report chapter 1 September 2021 SCICOM |
| f | Coordinate the international deep pelagic ecosystem survey with special emphasis on redfish to be carried out in the Norwegian Sea and adjacent waters in August 2022 | The WG has been responsible for the planning of the international trawl/acoustic surveys on pelagic redfish (<i>Sebastes mentella</i>) in the Norwegian Sea since 2008 and corresponding reports on the survey results. | 3.1, 3.2 | Year 3 (January meeting) | WGIDEEPS 2022 – 1 report 1 March 2022 SCICOM |

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| g | Report on the outcome of the 2022 Norwegian Sea survey | a) Support sound, credible, timely, peer-reviewed, and integrated scientific advice on fishery management and the protection of the marine environment. b) Redfish indices are being used by assessment working groups. | 3.1, 3.2 | Year 3 | WGIDEEPS 2022 – 2 report chapter 15 September 2022 SCICOM |
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Summary of the Work Plan

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| Year 1 | CARRY OUT TOR A-C |
| Year 2 | Carry out ToR d-e |
| Year 3 | Carry out ToR f-g |

Supporting information

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| Priority | Essential, primary basis for the advice on the stock status of pelagic redfish in the Irminger Sea and adjacent waters and in the Norwegian Sea. |
| Resource requirements | N/A |
| Participants | Less than 12 participants (incl. the cruise leaders of each vessel and the principle experts involved in abundance and biomass calculations and deep sea ecology). |
| Secretariat facilities | N/A |
| Financial | No financial implications. |
| Linkages to ACOM and groups under ACOM | NWWG, AFWG, WGDEC |
| Linkages to other committees or groups | SCICOM, WGOH, WGBIODIV, WKFAST, WGSDAA, ICES data centre |
| Linkages to other organizations | NAFO, NEAFC |