

2013/MA2/SSGESST01 The Working Group on International Deep Pelagic Ecosystem Surveys (WGIDEEPS), formerly the Working Group on Redfish Surveys (WGRS), Co-Chaired by Kristjan Kristinsson, Iceland and Chair to be decided in January 2015 will meet in ICES HQ, Copenhagen, Denmark, 28-30 January 2014; in Tromsø, Norway, 3–5 February 2015; in (dates and venue be decided) August 2015; in (dates and venue to be decided) September 2015 to:

| | MEETING DATES | VENUE | REPORTING DETAILS | COMMENTS (CHANGE IN CHAIR, ETC.) |
|-----------|---------------|-------------------------------|--|----------------------------------|
| Year 2014 | 28-30 January | ICES Headquarters, Copenhagen | Interim report by 1 March 2014 SSGESST, SCICOM & ACOM | |
| Year 2015 | 3-5 February | Tromsø, Norway | Interim report by 27 March 2015 to SSGIEOM, SCICOM, & ACOM | |
| Year 2015 | | | Interim report by DATE to SSGIEOM, SCICOM, & ACOM | |
| Year 2015 | | | Interim report by DATE to SSGIEOM, SCICOM, & ACOM | |
| Year 2016 | | | | |

ToR descriptors

| ToR | DESCRIPTION | BACKGROUND | SCIENCE PLAN TOPICS ADDRESSED | DURATION | EXPECTED DELIVERABLES |
|-----|--|---|---|---------------|--|
| a | Transfer survey data from 2011 international redfish surveys coordinated by the group to ICES databases (January 2014 meeting) | Data is now stored by individual nations/participants. It is important to have the data within common database system for coordinated archiving and extraction. | | Year 1 (2014) | WGIDEEPS 2104 report chapter database (various ICES databases) 15 March 2014 SSGESST |
| b | Transfer survey data from other years, when ICES data centre is ready | | | 2015 | Updated data base at ICES data centre |
| c | Develop the group strategy towards redfish assessment and ecosystem approach (January 2014 meeting). To evaluate and revise the data collection in the surveys and assessment methodologies used for the deep-water | The data collected during the surveys are used for assessment of the stocks in the areas and to map their horizontal and vertical distribution. No analytical assessment is conducted for the stocks in the Irminger Sea and their statuses are assessed from | 112,113,121,123, 141,143,144,145, 152,153,161,162, (2014) | Year 1 (2014) | WGIDEEPS 2014 report chapter 15 March 2014 SSGESST |

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| | redfish stocks (January 2014 meeting). | <p>biomass trends derived from the survey indices. Little additional data are collected to understand the trophic interaction in the areas.</p> <p>By broadening the work of the WG towards redfish assessment and the study of the meso-pelagic ecosystem of the North Atlantic will lead to increased knowledge of the multiple components in the deep-water ecosystem of the areas and provide better assessment data for deep-water redfish.</p> | | |
| d | To publish the results from the deep-water ecological surveys in the Irminger Sea and the Norwegian Sea in a peer-reviewed journal (2016). | This ToR is conditional on available survey effort as outlined in ToR c. | 112,113,121,123, Year 3 141,143,144,145, (2016) 152,153,161,162 | Manuscript ready for submission in 2016 |
| e | Plan 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 2015 (January 2015 meeting) | 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 corresponding reports on the survey results. | 112,113,121,123, 2015 141,143,144,145, 152,153,161,162 | WGIDEEPS 2015 – 1 report chapter 15 March 2015 SSGESST |
| f | Plan the international deep pelagic ecosystem survey with special emphasis on redfish to be carried out in the Norwegian Sea and adjacent waters in August 2015 (January 2015 meeting) | 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 | 112,113,121,123, Year 2 141,143,144,145, (2015) 152,153,161,162 | WGIDEEPS 2015 – 1 report chapter 15 March 2015 SSGESST |

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| | | corresponding reports on the survey results. | | |
| g | Prepare the report on the outcome of the 2015 Irminger Sea survey (August 2015 meeting) | a) Provide 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. | 112,113,121,123, Year 2 141,143,144,145, (2015) 152,153,161,162, | WGIDEEPS 2015 – 2 report 1 September 2015 SSGESST |
| h | Prepare the report on the outcome of the 2015 Norwegian Sea survey (September 2015 meeting) | a) Provide 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. | 112,113,121,123, Year 2 141,143,144,145, (2015) 152,153,161,162 | WGIDEEPS 2015 – 3 report 1 October 2015 SSGESST |
| i | Prepare the survey protocol for publication in the ICES series of survey protocols (SISP) | | Year 2 (2015) | SISP manuscript |

Summary of the Work Plan

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| Year 1 | Carry out ToR a, c |
| Year 2 | Standard outputs for e-i. |
| Year 3 | Carry out ToR b,c,d. |

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 | <12 (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 | None. |
| Linkages to ACOM and groups under ACOM | NWWG, AFWG, WGDEC, WKFAST, WGOH, WGISDAA, WGBIODIV |

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| Linkages to other committees or groups | SSGESST |
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| Linkages to other organizations | NAFO, NEAFC. |
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