

## WGIDEEPS –Working Group on International Deep Pelagic Ecosystem Surveys

### 2016/MA2/SSGIEOM04

The **Working Group on International Deep Pelagic Ecosystem Surveys** (WGIDEEPS) chaired by Kristján Kristinsson, Iceland and Benjamin Planque, Norway, will work on ToRs and generate deliverables as listed in the Table below.

	Meeting dates	Venue	Reporting details	ToRs
Year 2017	25–27 April	ICES HQ, Denmark	Interim report by 29 May to SSGIEOM	a, b, c
Year 2018	23–25 January	ICES HQ, Denmark	Interim report by 1 March to SSGIEOM	d
Year 2018	XX-XX August	Town, Country	Interim report by 1 September to SSGIEOM	e
Year 2019	XX-XX January	Town, Country	Interim report by 1 March to SSGIEOM	f
Year 2019	xx-xx September	Town, Country	Interim report by 10 September to SSGIEOM	g
Year 2019	By correspondence		Final report by 15 September to SSGIEOM	a, b, c, d, e, f, g

### ToR descriptors

ToR	Description	Background	Science Plan topics addressed	Duration	Expected Deliverables
a	Finalise transfer of trawl survey data from international deep pelagic ecosystem surveys coordinated by the group to ICES DATRAS databases September/2017)	Data is now stored by individual nations/participants. It is important to have the data within common database system for coordinated archiving and extraction.	25	Year 1 (2017)	WGIDEEPS 2017 – 1 report chapter database (ICES DATRAS) 15 September 2017
b	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.	25; 30	Year 1 (2017)	WGIDEEPS 2017 – 1 report chapter 15 September 2017 SSGESST
c	Set up a formal procedure for the use and transfer of Norwegian 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.	25; 30	Year 1 (2017)	WGIDEEPS 2017 – 1 report chapter 15 September 2017

d	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 2018 (January 2018 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.	1, 9, 27, 30, 31	Year 2 (2018)	WGIDEEPS 2018 – 2 report chapter 15 March 2018
e	Prepare the report on the outcome of the 2018 Irminger Sea survey (August 2018 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.	1, 9, 30, 31	Year 2 (2018)	WGIDEEPS 2018 – 3 report 1 September 2018
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 2019 and write SISP (January 2019 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 corresponding reports on the survey results.	1, 9, 27, 30, 31	Year 3 (2019)	WGIDEEPS 2018 – 4 report chapter SISP document 15 March 2019
g	Prepare the report on the outcome of the 2019 Norwegian Sea survey (September 2019 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.	1, 9, 30, 31	Year 3 (2019)	WGIDEEPS 2019 – 5 report 1 October 2019 SSGESST

### Summary of the Work Plan

<b>Year 1</b>	Carry out ToR a-c.
<b>Year 2</b>	Standard outputs for d and e.
<b>Year 3</b>	Carry out ToR f and g.

## Supporting information

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	No financial implications.
Linkages to ACOM and groups under ACOM	NWWG, AFWG, WGDEC, WKFAST, WGOH, WGSDAA, WGBIODIV
Linkages to other committee: or groups	SSGESST, SSGIEOM
Linkages to other organizations	NAFO, NEAFC.