Stock	Data Problem	How to be addressed in	By who
Northeast Atlantic Mackerel	Submission of data	Data submissions must be submitted by the deadline, submitted on the exchange format sheet and be submitted directky to the stock coordinator or, if uploaded to Sharepoint, the stock coordinator muct be notified	National laboratories
		In addition, should the data submitter change the stock cordinator MUST be notified of this. Also, should the data submitter be unavailable after the data has been submitted (e.g. vacation) an alternative contact should be available who can be contacted in the event of any queries.	
Northeast Atlantic Mackerel	Discardand slippage information	Discardand slippage information is incomplete. All fleets should be monitored and sampled for discard and slipping. Data should be supplied to the coordinator by the submission deadline, accompanied by documentation describing the sampling protocol.	National laboratories RCMNA, RCMNS&EA
Northeast Atlantic Mackerel	Sampling deficiencies– general	All countries involved should provide sampling information. Increased cooperation between countries would help reduce redundancy and increase coverage. There is a particular lack of sampling coverage of the freezer trawler fleet in quarter 4.	National laboratories RCMNA, RCMNS&EA
Northeast Atlantic Mackerel	Sampling of foreign vessels	Any information available from the sampling of foreign vessels should be forwarded to the appropriate person in the national laboratory in order that they may use this information when compiling the data submission.	National laboratories RCMNA, RCMNS&EA

## Annex 04 - Stock Data Problems Relevant to Data Collection WGWIDE

Stock	Data Problem	How to be addressed in	By who
Boarfish	Lack of sampling and age data.	Following the MoU between ICES and EU boarfish (Capros aper) was included into WGWIDE. Sampling data are still only very limited accessible. Therefore boarfish should be included in the list of DCF species.	WGCATCH, WGBIOP. RCMs, EU
Boarfish	Boarfish only measured to the 1 cm on the IBTS.	Following the MoU between ICES and EU boarfish (Capros aper) was included into WGWIDE. Boarfish should be measured to the 0.5 cm on the IBTS due to the small length range and the relatively high ages observed.	ICES IBTSWG
Boarfish	Third year of the acoustic survey funded by levy on the Irish and Danish industry.	Following the MoU between ICES and EU boarfish (Capros aper) was included into WGWIDE. The Acoustic survey needs to be continued annually and should be considered under the DCF.	WGBIOP, EU, ICES SSGESST
Horse Mackerel – Western Stock	Uncertainties in the use of the current egg production method for the assessment	Evaluation of the assessment model based on egg production and fecundity	Future Benchmark
Horse Mackerel – Western Stock	Lack of fishery independent information	Exploration of additional fishery independent time- series to base an abundance index on	Future Benchmark
Horse Mackerel – Western Stock	Discard Information	Discard information is incomplete. All fleets where discarding is thought to be occurring should be sampled for discard. Data should be supplied to the coordinator accompanied by documentation describing the sampling protocol.	National Institutes, RCM NA
Horse Mackerel – North Sea Stock	Low level of sampling and survey data. Currently only IBTS data are available which are not entirely suitable for pelagic species	Collection of information from other working groups. Possible implementation of an acoustic survey for horse mackerel in 3rd or 4th Quarter.	WGBIOP, WGCATCH, RCM NS&EA
Norwegian Spring Spawning Herring	Contrasting age distributions between laboratories in the May survey	It is recommended that a workshop on age reading is required for NSS herring to address discrepancies across nations, encountered during the recent May surveys.	WGBIOP

Stock	Data Problem	How to be addressed in	By who
Norwegian Spring Spawning Herring	Low sampling effort on some nations (considerably lower than the 1 sample/1000 tonnes recommended for this stock by EU)	Sampling effort should be increased by nations with little or no samples.	National laboratories; RCM NS&EA