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Introduction

- One of the activities included in the programme of work of the Sub-Committee on Statistics and Information (SCSI), as endorsed by the Commission, relates to the analyses of the optimum weight threshold for reporting of catches in the GFCM logbook, adopted in Recommendation GFCM/34/2010/1.
- This matter is also reflected in Article 2 of this recommendation which states that the minimum quantity (50kg live weight) to be reported by species "may be adjusted in the light of further work to be undertaken under the GFCM framework".

Pilot study

- Malta has carried out a pilot study using information collected between 2008 and 2010.
- Data was collected from on-board observations as part of the sampling strategy adopted for the biological sampling for the EU Data Collection Framework.



Data analyses

- Different threshold levels were determined a priori;
 - > 50kg (as in Article 2 of Recommendation GFCM/34/2010/1)
 - ≻ 25kg
 - ≻ 15kg
 - ≻ 10kg
 - ➢ 5kg (in case of the trawls only)
- Analysis on whether the catch would be recorded

depending on the threshold was made:

Trip number	Species	Total (kg)	10kg threshold	15kg threshold	25kg threshold	50kg threshold
1	Xiphias gladius	17	1	×		
1	Coryphaena hippurus	20	1	1		
1	Prionace glauca	35	×	×	×	
2	Xiphias gladius	34.4	1	*	×	
2	Thunnus thynnus	57	1	*	×	*
3	Coryphaena hippurus	10	*			
3	Xiphias gladius	36	1	1	1	
3	Thunnus thynnus	150	1	*	1	*

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Species name	Total catch (kg)	70 10kg threshold	15kg threshold	25kg threshold	50k thresh		
Coryphaena hippurus**	200.0	92	46	15			
Lamna nasus	180.0	100	100	100			
Mola mola	75.0	100	100	73			
Prionace glauca	35.0	100	100	100			
Ruvettus pretiosus	14.5	0	0	0			
Tetrapturus belone	84.5	89	89	71			
Thunnus alalunga*	40.0	100	63	63			
Thunnus thynnus**	9789.1	100	100	100			
Xiphias gladius**	3148.2	100	97	97			



	Total catch (kg)	% recorded catch (by weight)				
Species		5kg threshold	10kg threshold	15kg threshold	25kg threshold	50kg threshold
Aristaeomorpha foliacea**	657.2	100	100	100	97	86
Aristeus antennatus**	40	71	27	0	0	0
Aspitrigla cuculus	0.3	0	0	0	0	0
Helicolenus dactylopterus	17.9	56	56	0	0	0
Illex coindetii	0.2	0	0	0	0	0
Lepidorhombus boscii	6.1	0	0	0	0	0
Lophius budegassa**	3	0	0	0	0	6
Merluccius merluccius**	114.6	97	85	85	37	6
Mullus surmuletus**	1.7	0	0	0	0	0
Nephrops norvegicus**	87.1	96	66	40	0	0
Parapenaeus longirostris*	541.8	100	100	99	91	59
Phycis blennoides	23.7425	100	63	63	0	0
Todarodes sagittatus	1.4413	0	0	0	0	0





