

REPORT

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31239-2009 JRC-DG MARE,
Data Coverage Report

-

OFFICIAL CALL FOR DATA TO ASSESS
MEDITERRANEAN AND BLACK SEA
STOCKS 2011

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1. Introduction

DG Mare called the DCF Data from Member States for the Mediterranean Sea 2011 on 3 August 2011, defining the deadline of 2 September 2011 for data submissions. A second deadline for specific scientific survey data to be elaborated in 2011 was set at 1 December 2011. JRC FishReg duly forwarded the data call during the following day to the National Correspondents of Spain, France, Italy, Slovenia, Malta, Greece, Cyprus, Bulgaria, and Romania. The data call and its format is document on the JRC's DCF website: <https://datacollection.jrc.ec.europa.eu/data-calls>.

The Mediterranean fisheries specific catch, effort and economic data as well as scientific survey data were called together with the relevant data for the Black Sea region, both being jointly evaluated in the present report by JRC FishReg.

In comparison with the Mediterranean and Black Seas data call in 2010, the format of the DCF data call in 2011 was largely redefined in accordance with recommendations from JRC (FishReg) and STECF. The redefinition into the new format is documented in the relevant STECF reports and covers the need to

- focus on relevant information regarding fisheries specific and stock assessments, and to
- harmonize the Mediterranean data call with the DCF data call for fisheries specific fishing effort and catches to support fishing effort regime evaluations in the northern and western maritime basins.

Such harmonization among the data calls will support the data providers through a reduction of their preparatory work and also allow more effective evaluations of data quality by FishReg and the STECF experts.

It is concluded from the comments by data providers that the Data Verification Tool, developed by JRC FishReg and allowing a pre-check of various parameters in advance of the data submission, has significantly contributed to an overall improvement in data quality.

JRC and DG Mare received a letter from the Greek authorities confirming that there are no data submissions for the most recent data call. The Greek authorities defend the position that Greece had submitted available DCR data in 2009 for the years 2003-2006 and 2008, while there were no DCR and DCF campaigns conducted in 2007 and 2009-2010.

JRC received French data with regard to the 2011 DCF data call for the Mediterranean. The French National Correspondent informed the JRC on 12 September 2011 that she will try her utmost to submit the required data on 26 September 2011. Data was then, significantly after the deadline, submitted but in an incompatible format.

The most recent Greek and French data from earlier data submissions were appended to the reference data base versions and provided to the STECF group of experts.

The joint 2011 Mediterranean Sea and Black Sea DCF data call comprised about 800 parameters from the fisheries, the scientific sampling of the fisheries and scientific surveys. Taking this complexity into account, the detailed review in the present report covers the three most important parameters of the complex DCF data call, i.e. fisheries' specific landings and discards by species and fishing effort. In addition, the report provides a generic overview on the submissions of scientific survey data (MEDITS) by Member States.

In particular, the detailed review of Mediterranean data compares the latest data submissions with the data provided in 2010 after they had been converted into the new DCF data call format in early 2011 by FishReg. The 2011 landings, discards and fishing effort data submissions generally cover more species and fisheries in more GFCM SAs. However, there appear significant revisions when evaluating the

relative difference between the GFCM SA and species specific landings and discards or fisheries specific fishing effort reported in 2011 versus data submitted in 2010. In summary it can be concluded, that the revised catch and effort information submitted in 2011 required many new fisheries and stock assessments with the new landings and discard data as input rather than simple assessment updates. Furthermore, important species' and fisheries specific data were lacking.

The sum of products checks, the numbers at length in the landings or discards multiplied with the mean weight at length compared with the overall landings weight, have and will be performed by the STECF Mediterranean and Black Sea experts during the stock specific assessments of upcoming meeting.

2. Detailed data review by country (alphabetical order)

2.1. Bulgaria

2.1.1. Mediterranean Sea

Not relevant.

2.1.2. Black Sea

2.1.2.1. Landings data

The Table 2.1.2.1.1 lists the last landings data submission date and number of species from Bulgaria in GSA 29. The data were received before the deadline.

Table 2.1.2.1.1 Last landings data submission date and number of species from Bulgaria in GFCM Sub-area SA 29.

Country	last submission date	SA 1	SA 2	SA 5	SA 6	SA 7	SA 9	SA 10	SA 11	SA 15	SA 16	SA 17	SA 18	SA 19	SA 20	SA 22	SA 25	SA 29	
Bulgaria	01/09/2011																		5

Bulgaria's data submission referred to GFCM SA 1. It is noted that this area assignment is wrong and should be specified as SA 29 (Black Sea) instead. Bulgaria has not provided any fisheries specific mesh size information.

2.1.2.2. Discards data

The Table 2.1.2.2.1 lists the last discards data submission date and number of species from Bulgaria in GSA 29. The data were received before the deadline.

Table 2.1.2.1.2 Last discards data submission date and number of species from Bulgaria in GFCM Sub-area SA 29.

Country	last submission date	SA 1	SA 2	SA 5	SA 6	SA 7	SA 9	SA 10	SA 11	SA 15	SA 16	SA 17	SA 18	SA 19	SA 20	SA 22	SA 25	SA 29	
Bulgaria	01/09/2011																		5

Bulgaria's data submission referred to GFCM SA 1. It is noted that this area assignment is wrong and should be specified as SA 29 (Black Sea) instead. Bulgaria has not provided any fisheries specific mesh size information.

JRC did not receive any discard figures other than 0 from Bulgaria.

2.1.2.3. Fishing effort data

The Table 2.1.2.3.1 shows the last fishing effort data submission date and number of fisheries from Bulgaria in GSA 29. Data were submitted in advance of the deadline.

The numbers of fisheries covered indicate that the quantitative information is scarce. While all three requested fishing effort parameters are provided, i.e. kW*days at sea, GT*days at sea and number of boats. The erroneous area nomination is again noted (SA 1 instead of SA 29).

Table 2.1.2.3.1 Last fishing effort data submission date and number of fisheries from Bulgaria in GFCM Sub-area SA 29.

Country	last submission date	SA 1	SA 3	SA 5	SA 6	SA 7	SA 9	SA 10	SA 11	SA 13	SA 14	SA 15	SA 16	SA 17	SA 18	SA 19	SA 20	SA 21	SA 22	SA 24	SA 25	SA 26	SA 29	
Bulgaria	01/09/2011																							2

Major data deficiency consists of negligence of the mesh size information. Furthermore, large amounts of Bulgarian fishing effort were not assigned a specified gear.

2.2. Cyprus

2.2.1. Mediterranean Sea

2.2.1.1. Landings data

The last landings data submission date and number of species from GFCM Sub-area SA 25 are listed in Table 2.2.1.1.1.

Cyprus submitted its last data on 7 September 2011.

Table 2.2.1.1.1 Last landings data submission date and number of species from Cyprus in GSA 25.

Country	last submission date	SA 1	SA 2	SA 5	SA 6	SA 7	SA 9	SA 10	SA 11	SA 15	SA 16	SA 17	SA 18	SA 19	SA 20	SA 22	SA 25
Cyprus	07/09/2011																5

The following Table 2.2.1.1.2 provides an overview of the relative revision in the 2011 landings data as derived from a comparative computation with the landings data submitted in 2010.

Table 2.2.1.1.2 Relative revision in the 2011 landings data as derived from a comparative computation with the landings data submitted in 2010, by Sub-area and species. Empty cells indicate that there was a data submission in 2011 but not in 2010 for the respective species.

AREA	COUNTRY	SPECIES	2002	2003	2004	2005	2006	2007	2008	2009
SA 13	CYP	HKE								
SA 13	CYP	MUR								
SA 14	CYP	DPS								
SA 14	CYP	HKE								
SA 14	CYP	MUR								
SA 14	CYP	PAC								
SA 21	CYP	HKE								
SA 21	CYP	MUR								
SA 21	CYP	PAC								
SA 24	CYP	BOG								
SA 24	CYP	MUR								
SA 24	CYP	PAC								
SA 24	CYP	SBA								
SA 24	CYP	SPC								
SA 25	CYP	BOG								-0.2
SA 25	CYP	BSS								
SA 25	CYP	DOL								
SA 25	CYP	DPS								
SA 25	CYP	HKE								
SA 25	CYP	MAZ								
SA 25	CYP	MON								
SA 25	CYP	MUL								
SA 25	CYP	MUR				-0.2	-0.27	-0.23	-0.11	-0.12
SA 25	CYP	MUT				-0.11	-0.12	-0.12	-0.09	-0.15
SA 25	CYP	PAC								-0.62
SA 25	CYP	PIL								
SA 25	CYP	SBA								
SA 25	CYP	SBG								
SA 25	CYP	SPC				0.18	-0.18	-0.08	0	-0.1
SA 25	CYP	SRG								
SA 26	CYP	BOG								
SA 26	CYP	MUR								
SA 26	CYP	PAC								
SA 26	CYP	SBA								
SA 26	CYP	SPC								

2.2.1.2. Discards data

The Table 2.2.1.2.1 shows the last discards data submission date and number of species in GFCM Sub-area 25.

Table 2.2.1.2.1 Last discards data submission date and number of species from Cyprus in GSA 25.

Country	last submission date	SA 1	SA 2	SA 5	SA 6	SA 7	SA 9	SA 10	SA 11	SA 15	SA 16	SA 17	SA 18	SA 19	SA 20	SA 22	SA 25
Cyprus	07/09/2011																5

The following Table 2.2.1.2.2 provides an overview of the relative revision in the 2011 discards data as derived from a comparative computation with the discards data submitted in 2010.

Table 2.2.1.1.2 Relative revision in the 2011 discards data as derived from a comparative computation with the discards data submitted in 2010, by Sub-area and species. Empty cells indicate that there was a data submission in 2011 but not in 2010 for the respective species.

AREA	COUNTRY	SPECIES	2004	2005	2006	2007	2008	2009
SA 25	CYP	HKE						
SA 25	CYP	MUT						
SA 25	CYP	SPC			0		-0.2	0

2.2.1.3. Fishing effort data

The last fishing effort data submission date and number of fisheries in various GSAs are listed in Table 2.2.1.3.1.

Table 2.2.1.3.1 Last fishing effort data submission date and number of fisheries from Cyprus in various GFCM Sub-areas.

Country	last submission date	SA 1	SA 3	SA 5	SA 6	SA 7	SA 9	SA 10	SA 11	SA 13	SA 14	SA 15	SA 16	SA 17	SA 18	SA 19	SA 20	SA 21	SA 22	SA 24	SA 25	SA 26	
Cyprus	16/09/2011									1	1	1				1		1			1	2	1

Table 2.2.1.3.2 Relative revision in the 2011 fishing effort data (kW*days at sea) as derived from a comparative computation with the effort data submitted in 2010, by Sub-area and gear. Empty cells indicate that there was a data submission in 2011 but not in 2010 for the respective fisheries.

AREA	COUNTRY	GEAR	2002	2003	2004	2005	2006	2007	2008	2009
SA 25	CYP	GTR								
SA 25	CYP	LLS								
SA 25	CYP	OTB				0.06	0.06	0.05	0.05	

2.2.1.4. MEDITS survey data

The last MEDITS data submissions from GFCM Sub-area SA 25 are listed in Table 2.2.1.4.1. Cyprus submitted its last data on 1 December 2011.

Table 2.2.1.4.1 Last MEDITS survey data submission dates from Cyprus in GSA 25 by table in accordance with the two deadlines of the 2011 data call. Table G specifies haul data, Table H specifies catch data, Table I specifies biological data (length, maturity), Table K specifies temperature data and Table L specifies stratum allocation of the individual hauls, respectively.

Country	Deadline	Table G Type A	Table H Type B	Table I Type C	Table K Type D	Table L Type T
Cyprus	2/9/2011	31/8/2011	31/8/2011	31/8/2011	31/8/2011	31/8/2011
Cyprus	1/12/2011	30/11/2011	30/11/2011	30/11/2011	1/12/2012	1/12/2011

All data tables are complete over the period 2005-2011, duplicates and tow positions have been checked and an improvement was noticed.

2.2.2. Black Sea

Not relevant.

2.3. France

2.3.1. Mediterranean Sea

2.3.1.1. Landings data

The Table 2.3.1.1.1 shows the overall landings data from 2002 to 2009, together with the number of species in GSA 7. There is no vessel length information in the French data set. No data were submitted in 2011.

Table 2.3.1.1.1 Overview of all landings data sets with number of species from France in GSA 7, 2002-2009, as received in 2010.

Country	last submission date	SA 1	SA 2	SA 5	SA 6	SA 7	SA 9	SA 10	SA 11	SA 15	SA 16	SA 17	SA 18	SA 19	SA 20	SA 22	SA 25
France	not submitted in 2011					21											

2.3.1.2. Discards data

The Table 2.3.1.2.1 shows the current discards data existing in the database, 2002-2009, together with the number of species from GFCM Sub-area SA 7. No data were submitted in 2011.

Table 2.3.1.2.1 Overview of all discards data with number of species from France in GSA 7, as received in 2010.

Country	last submission date	SA 1	SA 2	SA 5	SA 6	SA 7	SA 9	SA 10	SA 11	SA 15	SA 16	SA 17	SA 18	SA 19	SA 20	SA 22	SA 25
France	not submitted in 2011					14											

2.3.1.3. Fishing effort data

JRC did not receive a data submission from France in 2011.

Table 2.3.1.1.1 Overview of all fishing effort data with number of fisheries from France in GSA 7, 2002-2009, as received in 2010.

Country	last submission date	SA 1	SA 3	SA 5	SA 6	SA 7	SA 9	SA 10	SA 11	SA 13	SA 14	SA 15	SA 16	SA 17	SA 18	SA 19	SA 20	SA 21	SA 22	SA 24	SA 25
France	not submitted in 2011					5															

2.3.1.4. MEDITS survey data

The last MEDITS data submissions from GFCM Sub-area SA 7-8 are listed in Table 2.3.1.4.1. France submitted its last data on 2 December 2011.

Table 2.3.1.4.1 Last MEDITS survey data submission dates from France in GSA 7-8 by table in accordance with the two deadlines of the 2011 data call. Table G specifies haul data, Table H specifies catch data, Table I specifies biological data (length, maturity), Table K specifies temperature data and Table L specifies stratum allocation of the individual hauls, respectively.

Country	Deadline	Table G Type A	Table H Type B	Table I Type C	Table K Type D	Table L Type T
France	2/9/2011	not submitted				
France	1/12/2011	1/12/2012	2/12/2012	2/12/2011	30/11/2011	1/12/2011

France didn't submit any data for 2002 (GSA 8). Temperature records (TD) are entirely missing prior to 1998 and in 2002 in both GSA 7 and 8. TT file missing in GSA 8 in 2002 and in GSA 7 in 2008.

2.3.2. Black Sea

Not relevant.

2.4. Greece

2.4.1. Mediterranean Sea

2.4.1.1. Landings data

The Table 2.4.1.1.1 summarizes the landings data compiled from 2003 to 2006 and 2008 as received through earlier data calls by the number of species and by GSAs. There were no data submitted in 2011.

Table 2.4.1.1.1 Overview of landings data with number of species from Greece and by GFCM Sub-areas (SA) as received through earlier data calls.

Country	last submission date	SA 1	SA 2	SA 5	SA 6	SA 7	SA 9	SA 10	SA 11	SA 15	SA 16	SA 17	SA 18	SA 19	SA 20	SA 22	SA 25
Greece	not submitted in 2011														6	6	

2.4.1.2. Discards data

JRC did not receive relevant data submissions from Greece in 2011. Also earlier data submissions did not quantify any discards in the fisheries.

2.4.1.3. Fishing effort data

No data were received from Greece in 2011. The following Table 2.4.1.3.1 provides an overview of number of fisheries with fishing effort data as provided through earlier data calls.

Table 2.4.1.3.1 Overview of fishing effort data with number of fisheries from Greece and by GFCM Sub-areas (SA) as received through earlier data calls.

Country	last submission date	SA 1	SA 3	SA 5	SA 6	SA 7	SA 9	SA 10	SA 11	SA 13	SA 14	SA 15	SA 16	SA 17	SA 18	SA 19	SA 20	SA 21	SA 22	SA 24	SA 25	SA 26
Greece	not submitted in 2011																3		3			

2.4.1.4. MEDITS survey data

The last MEDITS data submissions from GFCM Sub-area SA 20-22+23 are listed in Table 2.4.1.4.1. Greece did not submit any data in 2011.

Table 2.4.1.4.1 Last MEDITS survey data submission dates from Greece in GSA 21-22+23 by table in accordance with the two deadlines of the 2011 data call. Table G specifies haul data, Table H specifies catch data, Table I specifies biological data (length, maturity), Table K specifies temperature data and Table L specifies stratum allocation of the individual hauls, respectively..

Country	Deadline	Table G Type A	Table H Type B	Table I Type C	Table K Type D	Table L Type T
Greece	8/31/2011	not submitted				
Greece	2/12/2011	not submitted				

Greece did not provide any data for year 2002 and 2007, table K type D and L type T are missing all years.

2.4.2. Black Sea

Not relevant.

2.5. Italy

2.5.1. Mediterranean Sea

2.5.1.1. Landings data

The last landings data submission date and number of species from the different GFCM Sub-areas are listed in Table 2.5.1.1.1. There is only few information on vessel length, mesh size and fisheries classification in Italian data sets from GSA 9, 10, 11, 17, 18 and 19.

Table 2.5.1.1.1 Last landings data submission date and number of species from Italy and by GFCM Sub-area (SA).

Country	last submission date	SA 1	SA 2	SA 5	SA 6	SA 7	SA 9	SA 10	SA 11	SA 15	SA 16	SA 17	SA 18	SA 19	SA 20	SA 22	SA 25
Italy	06/09/2011						21	8	7		9	8	9	10			

The following Table 2.5.1.1.2 provides an overview of the relative revision in the 2011 landings data as derived from a comparative computation with the landings data submitted in 2010. It can be noted that many landings figures have been retrospectively revised. Such revisions often are significant.

Table 2.5.1.1.2 Relative revision in the 2011 landings data as derived from a comparative computation with the landings data submitted in 2010, by Sub-area and species. Empty cells indicate that there was a data submission in 2011 but not in 2010 for the respective species.

AREA	COUNTRY	SPECIES	2002	2003	2004	2005	2006	2007	2008	2009	AREA	COUNTRY	SPECIES	2002	2003	2004	2005	2006	2007	2008	2009
SA 10	ITA	ANE						-0.03	-0.04	-0.04	SA 11	ITA	MUT				-0.05	-0.05	-0.02	-0.01	-0.01
SA 10	ITA	ANK									SA 11	ITA	NEP				0	0	0	0	0
SA 10	ITA	ARA					0	0	-0.09	0	SA 11	ITA	PAC								
SA 10	ITA	ARS					-0.02	-0.03	-0.23	0	SA 11	ITA	PIL								
SA 10	ITA	BOG									SA 11	ITA	POD								
SA 10	ITA	BSS									SA 11	ITA	SBG								
SA 10	ITA	DOL									SA 11	ITA	SOL								
SA 10	ITA	DPS					0	0	-0.01	0	SA 11	ITA	SPC								-0.06
SA 10	ITA	GFB									SA 11	ITA	SRG								
SA 10	ITA	GUG									SA 11	ITA	WHB								
SA 10	ITA	GUU									SA 16	ITA	ANE							-0.69	0
SA 10	ITA	HKE					-0.01	-0.01	-0.01	-0.01	SA 16	ITA	ANK								
SA 10	ITA	HMM									SA 16	ITA	ARA								
SA 10	ITA	HOM									SA 16	ITA	ARS							0	-0.22
SA 10	ITA	MAZ									SA 16	ITA	BOG								
SA 10	ITA	MON									SA 16	ITA	BSS								
SA 10	ITA	MTS									SA 16	ITA	DOL								
SA 10	ITA	MUL									SA 16	ITA	DPS							0	0
SA 10	ITA	MUR									SA 16	ITA	GFB								
SA 10	ITA	MUT					0	0	0	0	SA 16	ITA	GUG								
SA 10	ITA	NEP					-0.14	0	-0.23	0	SA 16	ITA	GUU								
SA 10	ITA	PAC									SA 16	ITA	HKE							-0.45	-0.18
SA 10	ITA	PIL						-0.05	-0.03	-0.01	SA 16	ITA	HMM								
SA 10	ITA	POD									SA 16	ITA	HOM								
SA 10	ITA	SBG									SA 16	ITA	MAZ								
SA 10	ITA	SOL									SA 16	ITA	MON								
SA 10	ITA	SPC									SA 16	ITA	MTS								
SA 10	ITA	SRG									SA 16	ITA	MUL								
SA 10	ITA	TGS									SA 16	ITA	MUR								-0.03
SA 10	ITA	WHB									SA 16	ITA	MUT							-0.02	-0.02
SA 11	ITA	ANE									SA 16	ITA	NEP							0	0
SA 11	ITA	ANK									SA 16	ITA	PAC								-0.09
SA 11	ITA	ARA					0	0	0	0	SA 16	ITA	PIL							-0.79	-0.08
SA 11	ITA	ARS					0	0	0	0	SA 16	ITA	POD								
SA 11	ITA	BOG									SA 16	ITA	SBG								
SA 11	ITA	BSS									SA 16	ITA	SOL								
SA 11	ITA	DOL									SA 16	ITA	SPC								
SA 11	ITA	DPS								0	SA 16	ITA	SRG								
SA 11	ITA	GFB									SA 16	ITA	TGS								
SA 11	ITA	GUG									SA 16	ITA	WHB								
SA 11	ITA	GUU									SA 17	ITA	ANE				-0.05	-0.01	0	-0.01	-0.01
SA 11	ITA	HKE					-0.07	-0.03	-0.2	-0.09	SA 17	ITA	ANK					-0.08			
SA 11	ITA	HMM									SA 17	ITA	ARA								
SA 11	ITA	HOM									SA 17	ITA	ARS								
SA 11	ITA	MAZ									SA 17	ITA	BOG								
SA 11	ITA	MON									SA 17	ITA	BSS								
SA 11	ITA	MTS									SA 17	ITA	DOL								
SA 11	ITA	MUL									SA 17	ITA	DPS								
SA 11	ITA	MUR									SA 17	ITA	GFB								

2.5.1.2. Discards data

The table 2.5.1.2.1 displays the last discards data submission date and number of species from different GFCM Sub-areas.

Table 2.5.1.2.1 Last discards data submission date and number of species from Italy and by GFCM Sub-area (SA).

Country	last submission date	SA 1	SA 2	SA 5	SA 6	SA 7	SA 9	SA 10	SA 11	SA 15	SA 16	SA 17	SA 18	SA 19	SA 20	SA 22	SA 25
Italy	06/09/2011						14	8			2	1	7	10			

The following Table 2.5.1.2.2 provides an overview of the relative revision in the 2011 discards data as derived from a comparative computation with the landings data submitted in 2010. It can be noted that many discards figures have been retrospectively revised. Such revisions often are significant.

Table 2.5.1.2.2 Relative revision in the 2011 discards data as derived from a comparative computation with the discards data submitted in 2010, by Sub-area and species. Empty cells indicate that there was a data submission in 2011 but not in 2010 for the respective species.

AREA	COUNTRY	SPECIES	2004	2005	2006	2007	2008	2009
SA 10	ITA	ANK						
SA 10	ITA	BOG						
SA 10	ITA	DPS			0.5			1.5
SA 10	ITA	HKE			0.62			1.23
SA 10	ITA	HMM						
SA 10	ITA	HOM						
SA 10	ITA	MTS						
SA 10	ITA	MUT			-0.75			2.33
SA 10	ITA	PAC						
SA 11	ITA	HKE		24.8	2.71			11.07
SA 11	ITA	MUR						
SA 11	ITA	MUT			4			16
SA 11	ITA	SPC						28.24
SA 16	ITA	DPS						0
SA 16	ITA	HKE						996.51
SA 16	ITA	HOM						
SA 16	ITA	MUT						
SA 18	ITA	ARS						
SA 18	ITA	BOG						
SA 18	ITA	DPS						-0.33
SA 18	ITA	HKE						0.17
SA 18	ITA	HMM						
SA 18	ITA	HOM						
SA 18	ITA	MTS						0.37
SA 18	ITA	MUT						0
SA 18	ITA	NEP						-0.24
SA 18	ITA	PAC						
SA 19	ITA	ANK						
SA 19	ITA	ARA						-1
SA 19	ITA	BOG						
SA 19	ITA	DPS						-1
SA 19	ITA	HKE						-0.99
SA 19	ITA	HOM						
SA 19	ITA	MTS						-0.98
SA 19	ITA	MUT						1.5
SA 19	ITA	NEP						-0.99
SA 19	ITA	PAC						
SA 9	ITA	DPS						
SA 9	ITA	HKE						
SA 9	ITA	MUT						

2.5.1.3. Fishing effort data

The last fishing effort data submission date and number of fisheries from different GSAs are shown in Table 2.5.1.3.1.

Table 2.5.1.3.1 Last fishing effort data submission date and number of fisheries from Italy and by GFCM Sub-area (SA).

Country	last submission date	SA 1	SA 3	SA 5	SA 6	SA 7	SA 9	SA 10	SA 11	SA 13	SA 14	SA 15	SA 16	SA 17	SA 18	SA 19	SA 20	SA 21	SA 22	SA 24	SA 25	SA 26	
Italy	02/09/2011						10	11	10				11	11	10	10							

Italian effort data are often not classified by mesh size. Italy did report the requested effort units of kW*days at sea, GT*days at sea and number of vessels. Although the 2011 fishing effort data submission generally covers more fisheries in more GFCM SAs, there appear large differences when evaluating the relative difference between the GFCM SA and fisheries specific effort data reported in 2011 versus 2010 (s. Table 2.5.1.3.2).

Table 2.5.1.3.2 Relative revision in the 2011 fishing effort data (kW*days at sea) as derived from a comparative computation with the effort data submitted in 2010, by Sub-area and gears. Empty cells indicate that there was a data submission in 2011 but not in 2010 for the respective fisheries.

AREA	COUNTRY	GEAR	2002	2003	2004	2005	2006	2007	2008	2009	AREA	COUNTRY	GEAR	2002	2003	2004	2005	2006	2007	2008	2009
SA 10	ITA	DRB			0	-0.08	0.01	-0.03	0.04	0.03											
SA 10	ITA	FPO				-0.01	0.01														
SA 10	ITA	GND			0.21	-0.23	0.11	-0.02	0.06	0											
SA 10	ITA	GNS			0.08	0.01	0.01	0.01	0.02	-0.01											
SA 10	ITA	GTR			0.07	0	0.02	-0.01	0.03	-0.01											
SA 10	ITA	LHP																			
SA 10	ITA	LLD			1.17	0.05	0.3	-0.02	0.15	0.13											
SA 10	ITA	LLS			0.84	-0.1	-0.02	-0.1	0.05	0.08											
SA 10	ITA	none																			
SA 10	ITA	OTB			0.99	-0.05	-0.04	-0.05	-0.07	-0.08											
SA 10	ITA	PS			0.26	0.09	-0.03	0.03	0.03	0.22											
SA 10	ITA	PTM																			
SA 10	ITA	SB																			
SA 11	ITA	FPO			0.02	-0.03	-0.01	0.01	0.02	0.03											
SA 11	ITA	FYK						-0.01													
SA 11	ITA	GNS			0.14	0.03	0	0.01	0.04	0.03											
SA 11	ITA	GTR			0.29	-0.01	0	0.02	0.01	-0.01											
SA 11	ITA	LHP																			
SA 11	ITA	LLD			31.92	0.01	0.01	0.1	0.24	0.12											
SA 11	ITA	LLS			0.3	0.02	0.01	0.03	0.01	0											
SA 11	ITA	LTL					0.01	0	0	0											
SA 11	ITA	none																			
SA 11	ITA	OTB			0.1	-0.05	-0.05	-0.06	0	0											
SA 11	ITA	PS			18.94																
SA 16	ITA	FPO				0.19	0.31	-0.55		0											
SA 16	ITA	GNS			1.52					0											
SA 16	ITA	GTR			0	-0.04	-0.02	-0.12	-0.01	0.01											
SA 16	ITA	LHP																			
SA 16	ITA	LLD			0.41	-0.01	-0.38	0.05	-0.04	0.06											
SA 16	ITA	LLS			1.26	-0.07	-0.08	-0.02	-0.03	0.02											
SA 16	ITA	LTL				-0.4	0.01														
SA 16	ITA	none																			
SA 16	ITA	OTB			-0.02	0.03	-0.02	-0.04	0.05	0.02											
SA 16	ITA	OTM			-0.07	0.39	0.28		0.02	0.01											
SA 16	ITA	PS			8	1.13	0.37	0.88	1.06	0.26											
SA 16	ITA	PTM																			
SA 17	ITA	DRB			-0.05	-0.01		-0.17	-0.24	0.01											
SA 17	ITA	FPO			-0.07	0.02	0	0	0	0											
SA 17	ITA	FYK			-0.02	0.03	-0.02	0.01	0.01	0.01											
SA 17	ITA	GND				0.07															
SA 17	ITA	GNS			0.02	-0.01	0	0	0.02	-0.01											
SA 17	ITA	GTR			0.02	0.03	0.02	0.01	-0.04	0.01											
SA 17	ITA	LLD			-0.34	-0.06	-0.28	0.08	0.05	0.12											
SA 17	ITA	LLS					0.03	0.01													
SA 17	ITA	none																			
SA 17	ITA	OTB			0.42	-0.08	-0.04	-0.04	0.05	0.03											
SA 17	ITA	OTM			0.06	0.01	-0.01														
SA 17	ITA	PS			0.13	0.19	0.08	0.01	0.02	0.01											
SA 17	ITA	PTM																			
SA 17	ITA	SB																			
SA 17	ITA	TBB					0.05	0.06	-0.11	0.12	0.02	0.1									
SA 18	ITA	DRB					0	0.01	0	0	0	0.01									
SA 18	ITA	GNS					0.01	0.01	0	0.01	0.02	0.11									
SA 18	ITA	GTR					0.14	0.01	0.01	0.01	0.03	0.15									
SA 18	ITA	LHP																			
SA 18	ITA	LLD						0.66	0.09	0.28	0.15	0.13									
SA 18	ITA	LLS					0.24	0.3	0	0.09	0.28	0.11									
SA 18	ITA	none																			
SA 18	ITA	OTB					0.08	-0.02	-0.03	-0.02	0.01	0									
SA 18	ITA	PS					-0.16	0.26	-0.12	-0.08	0.01	0									
SA 18	ITA	PTM																			
SA 19	ITA	FPO					-0.16	0.01	-0.02	-0.02	0.06	0.51									
SA 19	ITA	GND					-0.14	0.4	-0.2	0	-0.07	-0.01									
SA 19	ITA	GNS					-0.02	0.07	-0.05	0	-0.02	0.02									
SA 19	ITA	GTR					7.64	9.13	-0.17	-0.02	0.02	0.06									
SA 19	ITA	LHP																			
SA 19	ITA	LLD					5.7	1.69	-0.08	0.15	-0.01	-0.11									
SA 19	ITA	LLS					2.98	1.75	0.37	0.12	-0.01	-0.05									
SA 19	ITA	LTL						-0.37	-0.24	0.02	0.06										
SA 19	ITA	none																			
SA 19	ITA	OTB					6.82	-0.01	0.05	-0.04	0.01	0.01									
SA 19	ITA	PS					2.03	0.58	-0.14	-0.13	0.58	-0.01									
SA 19	ITA	PTM																			
SA 19	ITA	SB																			
SA 9	ITA	DRB					0	-0.09	-0.01	-0.01	0.07	0.01									
SA 9	ITA	FPO									0	0									
SA 9	ITA	GND					1	0.89	0.05												
SA 9	ITA	GNS					0.33	0	0.02	0.01	0.05	0.02									
SA 9	ITA	GTR					0.12	0	0.03	-0.03	0.03	0.05									
SA 9	ITA	LHP																			
SA 9	ITA	LLD					0.17	0.03	0.06	0.04	0.02	0.1									
SA 9	ITA	LLS					0.22	0.03	0.07	0	0	0.06									
SA 9	ITA	LTL								-0.01	-0.02	0									
SA 9	ITA	none																			
SA 9	ITA	OTB					0.06	0	0	-0.02	0.05	0.02									
SA 9	ITA	PS					2.69	2.13	0.02	0	0.04	-0.02									
SA 9	ITA	PTM																			
SA 9	ITA	SB																			

2.5.1.4. MEDITS survey data

The last MEDITS data submissions from GFCM Sub-areas SA 9-10-11-16-17-18-19 are listed in Table 2.5.1.4.1. Italy submitted its last data on 13 September 2011. Italy is granted a derogation which allows the delay of submission of data by one year after the survey is carried out. The DCF team recommends this derogation being dismissed as it undermines the use of the data as current recruitment indices and thus the delivery of sound scientific advice.

Table 2.5.1.4.1 Last MEDITS survey data submission dates from Italy by table in accordance with the two deadlines of the 2011 data call. Table G specifies haul data, Table H specifies catch data, Table I specifies biological data (length, maturity), Table K specifies temperature data and Table L specifies stratum allocation of the individual hauls, respectively..

Country	Deadline	Table G Type A	Table H Type B	Table I Type C	Table K Type D	Table L Type T
Italy	2/9/2011	30/08/2011	31/08/2011	6/9/2011	13/09/2011	8/9/2011
Italy	1/12/2011	not submitted				

There are several omissions in the data provided by Italy. All data from GSA 17 is missing prior to 2002 and no data for 2011 was provided. Tables K type D is highly incomplete for all GSAs except 9. Table TT misses all records from GSA 11 prior to 2006. Tow positions have been checked and an improvement was noticed.

2.5.2. Black Sea

Not relevant.

2.6. Malta

2.6.1. Mediterranean Sea

2.6.1.1. Landings data

The last landings data submission date and number of species from GFCM Sub-area SA 15 are shown in Table 2.6.1.1.1

Table 2.6.1.1.1 Last landings data submission date and number of species from Malta in GFCM Sub-area SA 15.

Country	last submission date	SA 1	SA 2	SA 5	SA 6	SA 7	SA 9	SA 10	SA 11	SA 15	SA 16	SA 17	SA 18	SA 19	SA 20	SA 22	SA 25
Malta	09/09/2011									27							

The following Table 2.6.1.1.2 provides an overview of the relative revision in the 2011 landings data as derived from a comparative computation with the landings data submitted in 2010. It can be noted that many landings figures have been retrospectively revised. Such revisions often are significant.

Table 2.6.1.1.2 Relative revision in the 2011 landings data as derived from a comparative computation with the landings data submitted in 2010, by Sub-area and species. Empty cells indicate that there was a data submission in 2011 but not in 2010 for the respective species.

AREA	COUNTRY	SPECIES	2002	2003	2004	2005	2006	2007	2008	2009
SA 15	MLT	ANE							0	0
SA 15	MLT	ARS					0.15	0	0	-0.07
SA 15	MLT	DOL					0.04	-0.06	-0.11	0.73
SA 15	MLT	DPS					-0.27	0	0	0
SA 15	MLT	HKE					0	0	0	0
SA 15	MLT	MUR						0.88	0.78	1.85
SA 15	MLT	MUT					0	0	0	
SA 15	MLT	NEP						0	0	0
SA 15	MLT	PIL					0	0	0	

2.6.1.2. Discards data

The Table 2.6.1.2.1 shows the last discards data submission date and number of species in GFCM Sub-area SA 15.

Table 2.6.1.2.1 Last discards data submission date and number of species from Malta in GFCM Sub-area SA 15.

Country	last submission date	SA 1	SA 2	SA 5	SA 6	SA 7	SA 9	SA 10	SA 11	SA 15	SA 16	SA 17	SA 18	SA 19	SA 20	SA 22	SA 25
Malta	09/09/2011									5							

The following Table 2.6.1.2.2 provides an overview of the relative revision in the 2011 discards data as derived from a comparative computation with the landings data submitted in 2010. It can be noted that the figures have not been retrospectively revised in 2009.

Table 2.6.1.1.2 Relative revision in the 2011 discards data as derived from a comparative computation with the discards data submitted in 2010, by Sub-area and species. Empty cells indicate that there was a data submission in 2011 but not in 2010 for the respective species.

AREA	COUNTRY	SPECIES	2004	2005	2006	2007	2008	2009
SA 15	MLT	ARS						0
SA 15	MLT	DPS						0
SA 15	MLT	HKE						0
SA 15	MLT	NEP						

2.6.1.3. Fishing effort data

The last fishing effort data submission date and number of fisheries in GSA 15 are listed in the table 2.6.1.3.1.

Table 2.6.1.3.1 Last fishing effort data submission date and number of fisheries from Malta in GFCM Sub-area SA 15.

Country	last submission date	SA 1	SA 3	SA 5	SA 6	SA 7	SA 9	SA 10	SA 11	SA 13	SA 14	SA 15	SA 16	SA 17	SA 18	SA 19	SA 20	SA 21	SA 22	SA 24	SA 25	SA 26
Malta	09/09/2011											10										

Many of the fisheries' specific fishing effort in kW days have been significantly revised in 2011 as compared with the data submission in 2010 (s. Table 2.6.1.3.2).

Table 2.6.1.3.2 Relative revision in the 2011 fishing effort data (kW*days at sea) as derived from a comparative computation with the effort data submitted in 2010, by Sub-area and gears. Empty cells indicate that there was a data submission in 2011 but not in 2010 for the respective fisheries.

AREA	COUNTRY	GEAR	2002	2003	2004	2005	2006	2007	2008	2009
SA 15	MLT	FPO							5.18	1.69
SA 15	MLT	GNS							0.5	77.34
SA 15	MLT	GTR					133.04	41.54	32.76	223.32
SA 15	MLT	LA					0.02	-0.11	-0.03	0
SA 15	MLT	LHM							-0.84	-0.07
SA 15	MLT	LLD						0.19	0.6	0.12
SA 15	MLT	LLS					5.08	4.79	3.65	0.51
SA 15	MLT	LTL					129.48			93.75
SA 15	MLT	OTB					0	0.09	0.02	0
SA 15	MLT	PS							-0.03	-0.04
SA 15	MLT	SB								
SA 15	MLT	TBB							-0.59	0

2.6.1.4. MEDITS survey data

The last MEDITS data submissions from GFCM Sub-area SA 15 are listed in Table 2.6.1.4.1. Malta submitted its last data on 8 December 2011.

Table 2.6.1.4.1 Last MEDITS survey data submission dates from Malta in GSA 15 by table in accordance with the two deadlines of the 2011 data call. Table G specifies haul data, Table H specifies catch data, Table I specifies biological data (length, maturity), Table K specifies temperature data and Table L specifies stratum allocation of the individual hauls, respectively.

Country	Deadline	Table G Type A	Table H Type B	Table I Type C	Table K Type D	Table L Type T
Malta	2/9/2011	9/9/2011	9/9/2011	9/9/2011	9/9/2011	9/9/2011
Malta	1/12/2011	5/12/2012	5/12/2012	8/12/2011	25/11/2011	7/12/2011

Malta submitted TD data for the whole time series but not for 2010.

2.6.2. Black Sea

Not relevant.

2.7. Romania

2.7.1. Mediterranean Sea

Not relevant.

2.7.2. Black Sea

2.7.2.1. Landings data

The table 2.7.2.1.1 lists the last landings data submission date and number of species from Romania in GSA 29. The data was submitted before the deadline.

Table 2.7.2.1.1 Last catch data submission date and number of species from Romania in GFCM Sub-area SA 29.

Country	last submission date	SA 1	SA 2	SA 5	SA 6	SA 7	SA 9	SA 10	SA 11	SA 15	SA 16	SA 17	SA 18	SA 19	SA 20	SA 22	SA 25	SA 29	
Romania	31/08/2011																		6

The data received from Romania referred to GFCM SA 19. It is noted that this area assignment is wrong and should be specified as SA 29 (Black Sea) instead.

2.7.2.2. Fisheries discards data

The Table 2.7.2.2.1 shows the last discards data submission date and number of species from Romania in GSA 19. Romania specified a wrong GFCM SA area, where it should be SA 29 instead of SA 19.

Table 2.7.2.2.1 Last discards data submission date and number of species from Romania in GFCM Sub-area SA 29.

Country	last submission date	SA 1	SA 2	SA 5	SA 6	SA 7	SA 9	SA 10	SA 11	SA 15	SA 16	SA 17	SA 18	SA 19	SA 20	SA 22	SA 25	SA 29	
Romania	31/08/2011																		5

2.7.2.3. Fishing effort data

The Table 2.7.2.3.1 displays the last fishing effort data submission date and number of fisheries from Romania in GSA 19. While Romania submitted their data in advance of the deadline, the numbers of fisheries covered indicate that the quantitative information is scarce. Three requested fishing effort parameters are provided, i.e. kW*days at sea, GT*days at sea and number of boats.

Table 2.7.2.3.1 Last fishing effort data submission date and number of fisheries from Romania in GFCM Sub-area SA 19.

Country	last submission date	SA 1	SA 3	SA 5	SA 6	SA 7	SA 9	SA 10	SA 11	SA 13	SA 14	SA 15	SA 16	SA 17	SA 18	SA 19	SA 20	SA 21	SA 22	SA 24	SA 25	SA 26	SA 29	
Romania	30/08/2011																							3

2.8. Slovenia

2.8.1. Mediterranean Sea

2.8.1.1. Landings data

The last landings data submission date and number of species from GFCM Sub-area SA 17 are shown in Table 2.8.1.1.1

Slovenia submitted its last data before the deadline of 2 September 2011.

Table 2.8.1.1.1 Last landings data submission date and number of species from Slovenia in GSA 17.

Country	last submission date	SA 1	SA 2	SA 5	SA 6	SA 7	SA 9	SA 10	SA 11	SA 15	SA 16	SA 17	SA 18	SA 19	SA 20	SA 22	SA 25
Slovenia	31/08/2011											27					

The following Table 2.8.1.1.2 provides an overview of the relative revision in the 2011 landings data as derived from a comparative computation with the landings data submitted in 2010. It can be noted that many landings figures have been retrospectively revised. Such revisions often are significant.

Table 2.8.1.1.2 Relative revision in the 2011 landings data as derived from a comparative computation with the landings data submitted in 2010, by Sub-area and species. Empty cells indicate that there was a data submission in 2011 but not in 2010 for the respective species.

AREA	COUNTRY	SPECIES	2002	2003	2004	2005	2006	2007	2008	2009
SA 17	SVN	ANE				-0.23	-0.24	-0.21	-0.36	-0.34
SA 17	SVN	ANK								
SA 17	SVN	BOG				-1	-0.4	-0.33	-0.5	-0.5
SA 17	SVN	BSS				-0.67	-0.5	-0.67	-0.56	-0.5
SA 17	SVN	DOL								
SA 17	SVN	GUG								
SA 17	SVN	GUU					0	0	-0.5	-0.5
SA 17	SVN	HKE				-0.5	-0.57	-0.54	-0.5	-0.5
SA 17	SVN	HMM								0
SA 17	SVN	HOM				-0.5	-0.44	-0.5	-0.5	-0.43
SA 17	SVN	MON								
SA 17	SVN	MTS				-0.44	-0.6	-0.56	-0.57	-0.56
SA 17	SVN	MUL				-0.43	-0.18	-0.36	0.67	1.2
SA 17	SVN	MUR								
SA 17	SVN	MUT				-0.56	-0.5	-0.57	-0.6	-0.57
SA 17	SVN	PAC				-0.57	-0.56	-0.55	-0.57	-0.55
SA 17	SVN	PIL				-0.15	-0.2	-0.18	-0.2	-0.19
SA 17	SVN	POD							-1	
SA 17	SVN	SBG				-0.43	-0.33	-0.4	-0.5	-0.4
SA 17	SVN	SOL				-0.54	-0.55	-0.53	-0.5	-0.52
SA 17	SVN	TGS						-1		-1

2.8.1.2. Fisheries discards data

The table 2.8.1.2.1 displays the last discards data submission date and number of species from Slovenia. Data was received before the deadline of 2 September 2011.

Table 2.8.1.2.1 Last discards data submission date and number of species from Slovenia in GFCM Sub-area SA17.

Country	last submission date	SA 1	SA 2	SA 5	SA 6	SA 7	SA 9	SA 10	SA 11	SA 15	SA 16	SA 17	SA 18	SA 19	SA 20	SA 22	SA 25
Slovenia	31/08/2011											22					

The following Table 2.8.1.2.2 provides an overview of the relative revision in the 2011 discards data as derived from a comparative computation with the discards data submitted in 2010. It can be noted that many discards figures have been retrospectively revised. Such revisions often are significant.

Table 2.8.1.2.2 Relative revision in the 2011 discards data as derived from a comparative computation with the discards data submitted in 2010, by Sub-area and species. Empty cells indicate that there was a data submission in 2011 but not in 2010 for the respective species.

AREA	COUNTRY	SPECIES	2004	2005	2006	2007	2008	2009
SA 17	SVN	ANE				27.4	-1	3.38
SA 17	SVN	BOG				-1	-1	0
SA 17	SVN	GUU						-1
SA 17	SVN	HKE						
SA 17	SVN	HMM						
SA 17	SVN	MTS			-1	-1	-1	-0.67
SA 17	SVN	MUT						
SA 17	SVN	PAC			-1	-1	-1	-0.75
SA 17	SVN	PIL				10.71	-1	-0.43
SA 17	SVN	POD						
SA 17	SVN	SBG						
SA 17	SVN	SOL			-1	-1		-1

2.8.1.3. Fishing effort data

The last fishing effort data submission date and number of fisheries in GSA 17 are listed in Table 2.8.1.3.1.

Table 2.8.1.3.1 Last fishing effort data submission date and number of fisheries from Slovenia in GFCM Sub-area SA 17.

Country	last submission date	SA 1	SA 3	SA 5	SA 6	SA 7	SA 9	SA 10	SA 11	SA 13	SA 14	SA 15	SA 16	SA 17	SA 18	SA 19	SA 20	SA 21	SA 22	SA 24	SA 25	SA 26	
Slovenia	31/08/2011													6									

Many of the fisheries' specific fishing effort in kW days have been significantly revised in 2011 as compared with the data submission in 2010 (s. Table 2.8.1.3.2).

Table 2.8.1.3.2 Relative revision in the 2011 fishing effort data (kW*days at sea) as derived from a comparative computation with the effort data submitted in 2010, by Sub-area and gears. Empty cells indicate that there was a data submission in 2011 but not in 2010 for the respective fisheries.

AREA	COUNTRY	GEAR	2002	2003	2004	2005	2006	2007	2008	2009
SA 17	SVN	FPO				1.48	1.53	1.26	-0.24	-0.44
SA 17	SVN	FYK				-0.25	0.04	0.27	16.86	-0.33
SA 17	SVN	GND				11.73	3.6	0.93	7.08	8.68
SA 17	SVN	GNS				12.17	10.88	8.64	9.51	10
SA 17	SVN	GTR				6.22	7.6	7.51	9.91	13.48
SA 17	SVN	LHP				0.75		0.38	2.57	2.57
SA 17	SVN	LLS				4.46	3.35	0.39	0.03	0.01
SA 17	SVN	OTB				5.11	5.07	6.67	7.61	7.46
SA 17	SVN	OTM							3	1.86
SA 17	SVN	PS				3.09	3.15	3.64	3.04	3.89
SA 17	SVN	PTM				3.38	2.74	1.37	2.27	3.49

2.8.1.4. MEDITS survey data

The last MEDITS data submissions from GFCM Sub-area SA 17 of Slovenia are listed in Table 2.8.1.4.1. Slovenia submitted its last data on 2 September 2011.

Table 2.8.1.4.1 Last MEDITS survey data submission dates from Slovenia in GSA 17 by table in accordance with the two deadlines of the 2011 data call. Table G specifies haul data, Table H specifies catch data, Table I specifies biological data (length, maturity), Table K specifies temperature data and Table L specifies stratum allocation of the individual hauls, respectively.

Country	Deadline	Table G Type A	Table H Type B	Table I Type C	Table K Type D	Table L Type T
Slovenia	2/9/2011	31/8/2011	1/9/2011	31/8/2011	not submitted	2/9/2011
Slovenia	1/12/2011	not submitted				

Slovenia did not provide 2011 data, all data for 2006 is missing and no temperature records have been provided (Table K Type D)

2.8.2. Black Sea

Not relevant.

2.9. Spain

2.9.1. Mediterranean Sea

2.9.1.1. Landings data

The last landings data submission date and number of species from the different GFCM Sub-areas are listed in Table 2.9.1.1.1

Table 2.9.1.1.1 Last landings data submission date and number of species from Spain by GFCM Sub-area (SA).

Country	last submission date	SA 1	SA 2	SA 5	SA 6	SA 7	SA 9	SA 10	SA 11	SA 15	SA 16	SA 17	SA 18	SA 19	SA 20	SA 22	SA 25
Spain	07/09/2011	36	2	37	36	37											

There is no vessel length information in the submitted data sets.

The following Table 2.9.1.1.2 provides an overview of the relative revision in the 2011 landings data as derived from a comparative computation with the landings data submitted in 2010. It can be noted that many landings figures have been retrospectively revised. Such revisions often are significant.

Table 2.9.1.1.2 Relative revision in the 2011 landings data as derived from a comparative computation with the landings data submitted in 2010, by Sub-area and species. Empty cells indicate that there was a data submission in 2011 but not in 2010 for the respective species.

AREA	COUNTRY	SPECIES	2002	2003	2004	2005	2006	2007	2008	2009
SA 1	ESP	ANE	-0.1	0.03	0.12	0.17	0.06	0.01	1.02	0.01
SA 1	ESP	ARA	0	0.17	0.11	0.04	0.06	0.13	0.16	-0.21
SA 1	ESP	DPS	0.38	0.72	0.47	0.36	0.78	0.34	0.12	9.58
SA 1	ESP	HKE	0.52	1.32	0.47	0.62	0.62	0.45	0.35	0.27
SA 1	ESP	MUR								-0.35
SA 1	ESP	MUT	0.4	0.72	0.17	0.19	0.14	0.07	0.35	0.48
SA 1	ESP	NEP	0	0.01	0.01	0.02	-0.08	0	0.01	-0.03
SA 1	ESP	PIL	0.02	-0.04	-0.03	-0.04	-0.08	-0.22	0.18	0.01
SA 5	ESP	ANE	0	0	0	0.06	0	0		0
SA 5	ESP	ARA	0	0	-0.19	-0.18	-0.23	-0.38	-0.3	-0.03
SA 5	ESP	DPS	0	0	0	0	0	0	0	-0.17
SA 5	ESP	HKE	0.04	0.09	-0.11	-0.01	-0.01	0.38	0	-0.06
SA 5	ESP	MUR	0.02	0.01	0.01	0.05	0.05	0.03	0.04	-0.2
SA 5	ESP	MUT	0.07	0	0.05	0	0.09	0	0	-0.08
SA 5	ESP	NEP	0	0	0	0	0	0	0	-0.2
SA 5	ESP	PIL	0.02	0.03	0.05	0.06	0.01	0	1.52	0.07
SA 6	ESP	ANE	-0.24	-0.24	-0.23	-0.21	-0.29	-0.37	-0.06	-0.05
SA 6	ESP	ARA	-0.69	-0.51	0.09	-0.16	0.14	0.04	-0.13	0
SA 6	ESP	DPS	-0.62	-0.39	-0.24	-0.44	-0.35	-0.22	0	-0.09
SA 6	ESP	HKE	-0.11	0.36	0.57	-0.1	-0.11	-0.27	-0.07	0.02
SA 6	ESP	MUR								0.74
SA 6	ESP	MUT	-0.74	0.39	0.77	-0.44	-0.42	-0.41	-0.47	-0.3
SA 6	ESP	NEP	-0.44	0.23	0.48	0.01	-0.05	-0.27	-0.09	-0.07
SA 6	ESP	PIL	-0.08	-0.16	-0.21	-0.2	-0.14	-0.16	-0.01	-0.05

2.9.1.2. Fisheries discards data

The Table 2.9.1.2.1 below lists the last submission data of discard data and the number of species covered by Sub-area.

Table 2.9.1.2.1 Last landings data submission date and number of species from Spain and by GFCM Sub-area (SA).

Country	last submission date	SA 1	SA 2	SA 5	SA 6	SA 7	SA 9	SA 10	SA 11	SA 15	SA 16	SA 17	SA 18	SA 19	SA 20	SA 22	SA 25
Spain	07/09/2011	25	2	25	32	27											

The following Table 2.9.1.2.2 provides an overview of the relative revision in the 2011 discards data as derived from a comparative computation with the discards data submitted in 2010. It can be noted that many discards figures have been retrospectively revised. Such revisions often are significant.

Table 2.9.1.2.2 Relative revision in the 2011 discards data as derived from a comparative computation with the discards data submitted in 2010, by Sub-area and species. Empty cells indicate that there was a data submission in 2011 but not in 2010 for the respective species.

AREA	COUNTRY	SPECIES	2004	2005	2006	2007	2008	2009
SA 1	ESP	ANE						
SA 1	ESP	ARA						
SA 1	ESP	DPS		1			0	-0.33
SA 1	ESP	HKE		1.83			-0.25	-0.71
SA 1	ESP	MUR						
SA 1	ESP	MUT						0
SA 1	ESP	NEP						
SA 1	ESP	PIL		-0.51	-0.03			0.41
SA 5	ESP	ANE						
SA 5	ESP	ARA						
SA 5	ESP	DPS						
SA 5	ESP	HKE		0.57			-0.33	0.6
SA 5	ESP	MUT						
SA 5	ESP	NEP						
SA 5	ESP	PIL						
SA 6	ESP	ANE						
SA 6	ESP	ARA						
SA 6	ESP	DPS						
SA 6	ESP	HKE		-1				-1
SA 6	ESP	MUR						-1
SA 6	ESP	MUT		-1				-1
SA 6	ESP	NEP						
SA 6	ESP	PIL						

2.9.1.3. Fishing effort data

The last fishing effort data submission date and number of fisheries from Spain are listed in Table 2.9.1.3.1. Major data deficiencies are observed in this last data submission. The Spanish effort data in GFCM SA 1, 3, 5, 6 and 7 are neither aggregated by mesh size nor by fishery. Spain did report the requested effort units of kW*days at sea, GT*days at sea and number of vessels.

Table 2.9.1.3.1 Last fishing effort data submission date and number of fisheries from Spain by GFCM Sub-area.

Country	last submission date	SA 1	SA 3	SA 5	SA 6	SA 7	SA 9	SA 10	SA 11	SA 13	SA 14	SA 15	SA 16	SA 17	SA 18	SA 19	SA 20	SA 21	SA 22	SA 24	SA 25	SA 26
Spain	16/09/2011	1	1	1	1	1																

As Spain did not submit fishing effort data in 2010, it is impossible to evaluate the data submission in 2011 with previous ones.

2.9.1.4. MEDITS survey data

The last MEDITS data submissions from GFCM Sub-area SA 1-2-5-6 are listed in Table 2.9.1.4.1. Spain submitted its last data on 30 November 2011.

Table 2.9.1.4.1 Last MEDITS survey data submission dates from Spain in GSA 1-2-5-6 by table in accordance with the two deadlines of the 2011 data call. Table G specifies haul data, Table H specifies catch data, Table I specifies biological data (length, maturity), Table K specifies temperature data and Table L specifies stratum allocation of the individual hauls, respectively.

Country	Deadline	Table G Type A	Table H Type B	Table I Type C	Table K Type D	Table L Type T
Spain	2/9/2011	2/9/2011	2/9/2011	14/9/2011	2/9/2011	2/9/2011
Spain	1/12/2011	30/11/2011	30/11/2011	30/11/2011	30/11/2011	30/11/2011

Data are complete and tow positions have been checked and an improvement was noticed.

2.9.2. Black Sea

Not relevant.