Ref. Ares(2026)4543769 - 04/05/2026

ANNEX 1

Data call for the STECF Expert Working Groups on Mediterranean and Black Sea in 2026

1. APPENDIX 1. AGGREGATION

Appendix 1.1 Country coding

COUNTRY	CODE
Bulgaria	BGR
Croatia	HRV
Cyprus	CYP
Greece	GRC
France	FRA
Italy	ITA
Malta	MLT
Romania	ROU
Slovenia	SVN
Spain	ESP

Appendix 1.2 Vessel length class coding[1]

VESSEL_LENGTH CLASS (LOA)	CODE
Vessel 0-< 6 m length	VL0006
Vessel 6-< 12 m length	VL0612
Vessel 12-< 18 m length	VL1218
Vessel 18-< 24 m length	VL1824
Vessel 24-< 40 m length	VL2440
Vessel 40 m or larger	VL40XX
Not applicable/available[2]	NA

[1] COMMISSION DELEGATED DECISION (EU) 2019/910 of 13 March 2019 establishing the multiannual Union programme for the collection and management of biological, environmental, technical and socioeconomic data in the fisheries and aquaculture sectors

[2] While the category 'not applicable/available' is a permitted field, MS should try, to their maximum capacity, to report Vessel Length class, for classes that are sampled reliably.

Appendix 1.3 Gear: Fishing Techniques

GEAR	CODE
Boat dredge	DRB
Hand dredges	DRH
Stationary uncovered pound nets	FPN
Pots and Traps	FPO
Fyke nets	FYK
Glass eel fishing	GEF
Encircling gillnet	GNC
Driftnet	GND
Set gillnet	GNS
Combined gillnets-trammel nets	GTN
Trammel net	GTR
Mechanised/Suction dredges	HMD
Lampara nets	LA
Hand lines	LHM
Pole lines	LHP
Drifting longlines	LLD
Set longlines	LLS
Boat-operated lift nets	LNB
Shore operated stationary lift nets	LNS
Trolling lines	LTL
Bottom otter trawl	OTB
Midwater otter trawl	OTM
Midwater pair trawl	PTM
Multi-rig otter trawl	OTT
Purse seine	PS
Bottom pair trawl	PTB
Beach seine	SB
Boat seine	SV
Anchored seine	SDN
Pair seine	SPR
Fly shooting seine	SSC
Beam trawl	TBB
Not applicable/available	NA

Appendix 1.4 Mesh type and size coding

MESH_SIZE_RANGE	CODE
Diamond mesh < 14 mm	00D14
Diamond mesh >=14 mm and < 16 mm	14D16
Diamond mesh >=16 mm and < 20 mm	16D20
Diamond mesh >=20 mm and < 40 mm	20D40
Diamond mesh >=40 mm and < 50 mm	40D50
Diamond mesh >=50 mm and < 100 mm	50D100
Diamond mesh >=100 mm and < 400 mm	100D400
Diamond mesh >=400 mm	400DXX
Square mesh < 40 mm	00S40
Square mesh >= 40 mm	40SXX

Not applicable/available	NA

Appendix 1.5 Fishery

FISHERY	CODE
Anadromous species	ANA
Only for these species Bluefin tuna	BFTE
Catadromous species	CAT
Cephalopods	CEP
Crustaceans	CRU
Demersal species	DEF
Deep water species	DWS
Finfish	FIF
Fresh water species	FWS
Glass eel	GLE
Non active vessels	INACTIVE
Large pelagic fish	LPF
Mixed crustaceans and demersal fish	MCD
Mixed cephalopods and demersal fish	MCF
Mixed demersal and deep water species	MDD
Miscellaneous	MIS
Mixed demersal and pelagic species	MPD
Molluscs	MOL
Other activity than fishing	OATF
Small and large pelagic fish	SLP
Small pelagic fish	SPF
Not applicable/available	NA

Appendix 1.6 GFCM Area codification for fishery data[3]

Marine region	AREA
Northern Alboran Sea	GSA 1
Alboran Island	GSA 2
Southern Alboran Sea	GSA 3
Algeria	GSA 4
Balearic Island	GSA 5
Northern Spain	GSA 6
Gulf of Lion	GSA 7
Corsica Island	GSA 8
Ligurian and North Tyrrhenian Sea	GSA 9
South Tyrrhenian Sea	GSA 10
Sardinia (west)	GSA 11.1
Sardinia (east)	GSA 11.2
Sardinia	GSA 11
Northern Tunisia	GSA 12
Gulf of Hammamet	GSA 13
Gulf of Gabes	GSA 14
Malta Island	GSA 15
South of Sicily	GSA 16
Northern Adriatic	GSA 17
Southern Adriatic Sea	GSA 18
Western Ionian Sea	GSA 19
Eastern Ionian Sea	GSA 20
Southern Ionian Sea	GSA 21
Aegean Sea	GSA 22
Crete Island	GSA 23
North Levant	GSA 24
Cyprus Island	GSA 25
South Levant	GSA 26
Levant	GSA 27
Marmara Sea	GSA 28
Black Sea	GSA 29
Azov Sea	GSA 30

[3] Codified GFCM Geographical Sub-Areas as defined in Resolution GFCM/33/2009/2 on the establishment of Geographical Sub-Areas in the GFCM area amending the resolution GFCM/31/2007/2 (http://www.fao.org/gfcm/data/map-geographical-subareas/en/).

Appendix 1.7 Species/AREAS (GSA) codification

Scientific name	Common name	SPECIES	Area*	Comments stemming from RCG MED&BS proposal
Anguilla anguilla	European eel	ELE	GSAs 1-27	
Aristaeomorpha foliacea	Giant red shrimp	ARS ([c])	GSAs 1-16, 19-21 and 22-27	
Aristeus antennatus	Blue and red shrimp	ARA ([c])	GSAs 1-16, 19-21 and 22-27	
Boops boops	Bogue	BOG ([c])	GSAs 1-27	
Chamelea gallina	Striped venus	SVE([d])	GSAs 17-18	
Corallium rubrum	Sardinia coral	COL	GSAs 1-27	
Coryphaena hippurus	Common dolphinfish	DOL ([d])	GSAs 12-27	
Dicentrarchus labrax	Sea bass	BSS ([a])	GSAs 1-27	
Diplodus spp.	Sargo breams	SRG ([a,c])	GSAs 1-27	Replace with *Diplodus annularis* for GSAs 12-16, 19-21
Eledone cirrhosa	Horned octopus	EOI ([c])	GSA 1-23	
Eledone moschata	Musky octopus	EDT ([a,c])	GSA 8-23	
Engraulis encrasicolus	Anchovy	ANE ([a,b,c])	GSAs 1-29	
Galeus melastomus	Blackmouth catshark	SHO ([c])	GSAs 1-27	

Illex coindetii	Broadtail squid	SQM ([c])	GSAs 1-27	
Loligo vulgaris	European squid	SQR ([c])	GSAs 1-27	
Lophius budegassa	Black-bellied angler	ANK ([c])	GSAs 1-16, 19-21; 22-23	
Lophius piscatorius	Anglerfísh	MON ([c])	GSA 1-16, 18-23	
Merlangius merlangus	Whiting	WHG ([b])	GSAs 28-29	
Merluccius merluccius	European hake	HKE ([a,c])	GSAs 1-27	
Micromesistius poutassou	Blue whiting	WHB ([c])	GSA 1-11, 22-23	
Mugilidae	Grey mullets	MUL	GSA 8-10, 11.2, 12-23	Replace with *Mugil cephalus*
Mullus barbatus	Red mullet	MUT	GSAs 1-29	
Mullus surmuletus	Striped red mullet	MUR	GSAs 1-16, 19-21 and 22-27	
Nephrops norvegicus	Norway lobster	NEP ([a,c])	GSAs 1-21	
Octopus vulgaris	Common octopus	OCC ([c])	GSAs 1-27	
Pagellus acarne	Axillary seabream	SBA ([a,c])	GSAs 1-27	
Pagellus bogaraveo	Blackspot seabream	SBR ([a,c])	GSAs 1-11	
Pagellus erythrinus	Common Pandora	PAC ([a,c])	GSAs 1-27	
Pagrus pagrus	Red porgy	RPG([d])	GSAs 1-27	
Parapenaeus longirostris	Deep water rose shrimp	DPS ([a,c])	GSAs 1-27	
Penaeus kerathurus	Caramote prawn	TGS ([c])	GSA 22-23	

Psetta maxima	Turbot	TUR ([b])	GSAs 28-29	Remain in list with valid name *Scophthalmus maximus*, and include area
Raja asterias	Mediterranean starry ray	JRS([c])	GSAs 1-27	
Raja clavata	Thomback ray	RJC ([c])	GSAs 1-29	
Rapana venosa	Veined rapa whelk	RPW ([b])	GSAs 28-29	
Sardina pilchardus	Sardine	PIL ([a,c])	GSAs 1-27	
Sardinella aurita	Round sardinella	SAA([d])	GSAs 1-16, 19-21 and 22-27	
Scomber colias	Chub mackerel	VMA([c])	GSAs 1-11, 22-27	
Scomber spp.	Mackerel	MAZ ([a,c])		Replace with *Scomber scombrus*
Scyliorhinus canicula	Small-spotted catshark	SYC ([c])	GSAs 1-29	
Sepia officinalis	Common cuttlefish	CTC ([c])	GSAs 1-21	
Solea solea	Common sole	SOL ([a,c])	GSAs 17-18, 22-27	
Sparus aurata	Gilthead seabream	SBG ([a,c])	GSA 7, 22-23	
Spicara smaris	Picarei	SPC ([c])	GSAs 17-18, 22-27	
Sprattus sprattus	Sprat	SPR ([b])	GSAs 28-29	
Squalus acanthias	Piked dogfish	DGS ([b,c])	GSAs 1-29	
Squilla mantis	Spottail mantis squillids	MTS ([c])	GSAs 17-18	

Trachurus mediterraneus	Mediterranean horse	HMM [b,c]	GSAs 1-29	
Trachurus trachurus	Horse mackerel	HOM [c]	GSAs 1-29	
Trisopterus minutus	Poor cod	POD [c]	GSAs 1-29	

* based on EU MAP Del.Dec. Table 1 and GFCM DCRF Appendix B.3 (v. 25.1)
(a) Requested as important under the Mediterranean regulation (Annex III of Council Regulation (EC) No 1967/2006).
(b)Requested as important species in the Black Sea.
(c) Included in the list of reference species for the Medits survey (Annex VI, list of Reference species in Medits, Instruction manual v9 2017).
(d)Identified as an important species during the STECF EWGs.

Appendix 1.8 Length measurement codification

For fish (Osteichthyes and Elasmobranches) the total length should be provided at the lower centimeter. For crustaceans the cephalo-thoracic length should be provided at the lower millimeter. For cephalopods, the dorsal mantle length should be provided at the lower centimeter.

Appendix 1.9 Landings and discards data in total weight

Landings and discards data in total weight by métier are reported in landings and discards by length files and in catch at age file. You are requested to provide these data for all the métiers, even if not selected by the ranking system or no biological samples are available.
The provision of this data will allow a better comparison with transversal and economic data, in term of landings weight, as well as contribute to an improvement in the stock assessment catches input data.
The species for which these data should be submitted are those reported in Appendix 1.7

Appendix 1.10 Name of survey codifications

Name_of_survey codifications already in the database are listed below:

MEDITS refers to the International bottom trawl survey in the Mediterranean

GRUND refers to the Italian national bottom trawl survey

MEDIAS refers to the Pan-Mediterranean Acoustic Survey

PELMED refers to the French Pelagic surveys

ECOMED refers to the old Spanish Acoustic Surveys

SOLEMON refers to the Beam trawl surveys on Common Sole in the Northern Adriatic Sea

pelagic refers to the Pelagic surveys in the Black Sea

bottom refers to the Demersal surveys in the Black Sea

BTSBS-SPR refers to the bottom trawl surveys in the Black Sea carried out in Spring

BTSBS-AUT refers to the bottom trawl surveys in the Black Sea carried out in Autumn

PTSBS-SPR refers to the Pelagic trawl surveys in the Black Sea carried out in Spring

PTSBS-AUT refers to the Pelagic trawl surveys in the Black Sea carried out in Autumn

spring refers to the demersal trawl surveys in the Black Sea carried out in Spring

autumn refers to the demersal trawl surveys in the Black Sea carried out in Autumn

Other codes can be inserted according to a Member State ad-hoc request to the JRC data collection team JRC-DATASUBMISSION@EC.EUROPA.EU

Appendix 1.11 "Not available values" codifications

Data not available must be reported as "-1" if the field is numeric or as "NA" if the field is text/character. **Note: blank cells are not accepted anymore**. Specifically, for values in the "VB_T0" column in the "GP" file, as "-1" is in the range of admitted values, not available estimations should be inserted as

"-999". In the MEDITS TA template "PART_OF_CODEND" if 'not available value' needs to be inserted, please use "-" instead of "NA".

Note quarter = -1 (annually) will no longer pass the upload checks for fisheries data. *Justification*: the DCF requires that fisheries data collected by member states is reported at the temporal resolution of quarters based on end-user needs. Previously the requirement to provide the data has not been enforced on upload checks. An important change this year is that quarter=-1 is no-longer valid in upload checks fisheries dependent data and such data will provide an error. The resolution is required for the development of better length-based models particularly for crustacean fisheries.

2. APPENDIX 2. FISHERIES DATA

Appendix 2.1 Fisheries catch data (including discards and biological parameters at age)

Table A. Catch data fully aggregated (sum) by ID except for mean weight and length (arithmetic mean) in landings and discards at age. Please ensure that data entries are fully consistent with coding given in Appendices.

1. ID (this is a unique identifier; e.g. the combination of country, year, quarter, gear, mesh size range, fishery or metier, and area; this is free text with a maximum of 40 characters without space)
2. COUNTRY (this should be given according to the code list provided in Appendix 1.1)
3. YEAR (this should be given in four digits), like 2016
4. QUARTER (this should be given as one digit), like 1, 2, 3, or 4
5. VESSEL_LENGTH (vessel length should be given according to the code list provided in Appendix 1.2)
6. GEAR (gear should be given according to the code list provided in Appendix 1.3)
7. MESH_SIZE_RANGE (the mesh size range should be given according to the code list provided in Appendix 1.4)
8. FISHERY or métier (species complex, gear and vessel characteristics code is given in Appendix 1.5)
9. AREA (e.g. GSA 1, given in Appendix 1.6)
10. SPECON (any derogation granted, text string of maximum 10 characters)
11. SPECIES (the species should be given according to the code list provided in the last column of Appendix 1.7 where applicable)
12. LANDINGS (estimated landings in tonnes should be given; if age based information is present, this quantity should correspond to the sum of products of numbers at age multiplied with mean weight at age)
13. DISCARDS (estimated discards in tonnes should be given; if age based information is present, this quantity should correspond to the sum of products of numbers at age multiplied with mean weight at age)
14. NO_SAMPLES_LANDINGS (the number of TRIPS should be given that relate to landings only; a number should be given only if it relates to this fishery only; otherwise "–1" should be given)
15. NO_LENGTH_MEASUREMENTS_LANDINGS (the number of length measurements should be given that relate to landings only; a number should be given only if it relates to this fishery only; otherwise "–1" should be given)
16. NO_AGE_MEASUREMENTS_LANDINGS (the number of age measurements should be given that relate to landings only; a number should be given only if it relates to this fishery only; otherwise "–1" should be given)
17. NO_SAMPLES_DISCARDS (the number of TRIPS should be given that relate to discards only; a number should be given only if it relates to this fishery only; otherwise "–1" should be given)
18. NO_LENGTH_MEASUREMENTS_DISCARDS (the number of length measurements should be given that relate to discards only; a number should be given only if it relates to this fishery only; otherwise "–1" should be given)

19. NO_AGE_MEASUREMENTS_DISCARDS (the number of age measurements should be given that relate to discards only; a number should be given only if it relates to this fishery only; otherwise "–1" should be given)
20. NO_SAMPLES_CATCH (the number of TRIPS should be given that relate to catches only; a number should be given only if it relates to this fishery only; otherwise "–1" should be given)
21. NO_LENGTH_MEASUREMENTS_CATCH (a number of length measurements should be given here if it relates to catch, i.e. landings and discards; a number should be given only if it relates to this fishery only; otherwise "–1" should be given)
22. NO_AGE_MEASUREMENTS_CATCH (a number of age measurements should be given here if it relates to catch, i.e. landings and discards; a number should be given only if it relates to this fishery only; otherwise "–1" should be given)
23. MIN_AGE (this is the minimum age in the data section; if minimum age and maximum age are both "–1", no age based data are given; otherwise age data must follow in the data section for each age in the age range MIN_AGE to MAX_AGE; minimum age and maximum age must either both be "-1" or both be not "-1")
24. MAX_AGE (this is the true maximum age in the data section (no plus group is allowed); if minimum age and maximum age are both "–1", no age based data are given; otherwise age data must follow in the data section for each age in the age range MIN_AGE to MAX_AGE; minimum age and maximum age must either both be "-1" or both be not "-1")
25. AGE_0 (years) = 0
26. AGE_0_NO_LANDED (thousands, maximum precision admitted 5 digits after the point)
27. AGE_0_MEAN_WEIGHT_LANDED (kg, maximum precision admitted in gram=5 digits after the point)
28. AGE_0_MEAN_LENGTH_LANDED (cm, maximum precision admitted in mm=5 digits after the point)
29. AGE_0_NO_DISCARD (thousands, maximum precision admitted 5 digits after the point)
30. AGE_0_MEAN_WEIGHT_DISCARD (kg, maximum precision admitted in gram=5 digits after the point)
31. AGE_0_MEAN_LENGTH_DISCARD (cm, maximum precision admitted in mm=5 digits after the point)
32. AGE_1 (years) = 1
33. AGE_1_NO_LANDED (thousands, maximum precision admitted 5 digits after the point)
34. AGE_1_MEAN_WEIGHT_LANDED (kg, maximum precision admitted in gram=5 digits after the point)
35. AGE_1_MEAN_LENGTH_LANDED (cm, maximum precision admitted in mm=5 digits after the point)
36. AGE_1_NO_DISCARD (thousands, maximum precision admitted 5 digits after the point)
37. AGE_1_MEAN_WEIGHT_DISCARD (kg, maximum precision admitted in gram=5 digits after the point)
38. AGE_1_MEAN_LENGTH_DISCARD (cm, maximum precision admitted in mm=5 digits after the point)
39. AGE_2 (years) = 2

40. AGE_2_NO_LANDED (thousands, maximum precision admitted 5 digits after the point)
41. AGE_2_MEAN_WEIGHT_LANDED (kg, maximum precision admitted in gram=5 digits after the point)
42. AGE_2_MEAN_LENGTH_LANDED (cm, maximum precision admitted in mm=5 digits after the point)
43. AGE_2_NO_DISCARD (thousands, maximum precision admitted 5 digits after the point)
44. AGE_2_MEAN_WEIGHT_DISCARD (kg, maximum precision admitted in gram=5 digits after the point)
45. AGE_2_MEAN_LENGTH_DISCARD (cm, maximum precision admitted in mm=5 digits after the point)
46. AGE_3 (years) = 3
47. AGE_3_NO_LANDED (thousands, maximum precision admitted 5 digits after the point)
48. AGE_3_MEAN_WEIGHT_LANDED (kg, maximum precision admitted in gram=5 digits after the point)
49. AGE_3_MEAN_LENGTH_LANDED (cm, maximum precision admitted in mm=5 digits after the point)
50. AGE_3_NO_DISCARD (thousands, maximum precision admitted 5 digits after the point)
51. AGE_3_MEAN_WEIGHT_DISCARD (kg, maximum precision admitted in gram=5 digits after the point)
52. AGE_3_MEAN_LENGTH_DISCARD (cm, maximum precision admitted in mm=5 digits after the point)
53. AGE_4 (years) = 4
54. AGE_4_NO_LANDED (thousands, maximum precision admitted 5 digits after the point)
55. AGE_4_MEAN_WEIGHT_LANDED (kg, maximum precision admitted in gram=5 digits after the point)
56. AGE_4_MEAN_LENGTH_LANDED (cm, maximum precision admitted in mm=5 digits after the point)
57. AGE_4_NO_DISCARD (thousands, maximum precision admitted 5 digits after the point)
58. AGE_4_MEAN_WEIGHT_DISCARD (kg, maximum precision admitted in gram=5 digits after the point)
59. AGE_4_MEAN_LENGTH_DISCARD (cm, maximum precision admitted in mm=5 digits after the point)
60. AGE_5 (years) = 5
61. AGE_5_NO_LANDED (thousands, maximum precision admitted 5 digits after the point)
62. AGE_5_MEAN_WEIGHT_LANDED (kg, maximum precision admitted in gram=5 digits after the point)
63. AGE_5_MEAN_LENGTH_LANDED (cm, maximum precision admitted in mm=5 digits after the point)
64. AGE_5_NO_DISCARD (thousands, maximum precision admitted 5 digits after the point)
65. AGE_5_MEAN_WEIGHT_DISCARD (kg, maximum precision admitted in gram=5 digits after the point)

66. AGE_5_MEAN_LENGTH_DISCARD (cm, maximum precision admitted in mm=5 digits after the point)
67. AGE_6 (years) = 6
68. AGE_6_NO_LANDED (thousands, maximum precision admitted 5 digits after the point)
69. AGE_6_MEAN_WEIGHT_LANDED (kg, maximum precision admitted in gram=5 digits after the point)
70. AGE_6_MEAN_LENGTH_LANDED (cm, maximum precision admitted in mm=5 digits after the point)
71. AGE_6_NO_DISCARD (thousands, maximum precision admitted 5 digits after the point)
72. AGE_6_MEAN_WEIGHT_DISCARD (kg, maximum precision admitted in gram=5 digits after the point)
73. AGE_6_MEAN_LENGTH_DISCARD (cm, maximum precision admitted in mm=5 digits after the point)
74. AGE_7 (years) = 7
75. AGE_7_NO_LANDED (thousands, maximum precision admitted 5 digits after the point)
76. AGE_7_MEAN_WEIGHT_LANDED (kg, maximum precision admitted in gram=5 digits after the point)
77. AGE_7_MEAN_LENGTH_LANDED (cm, maximum precision admitted in mm=5 digits after the point)
78. AGE_7_NO_DISCARD (thousands, maximum precision admitted 5 digits after the point)
79. AGE_7_MEAN_WEIGHT_DISCARD (kg, maximum precision admitted in gram=5 digits after the point)
80. AGE_7_MEAN_LENGTH_DISCARD (cm, maximum precision admitted in mm=5 digits after the point)
81. AGE_8 (years) = 8
82. AGE_8_NO_LANDED (thousands, maximum precision admitted 5 digits after the point)
83. AGE_8_MEAN_WEIGHT_LANDED (kg, maximum precision admitted in gram=5 digits after the point)
84. AGE_8_MEAN_LENGTH_LANDED (cm, maximum precision admitted in mm=5 digits after the point)
85. AGE_8_NO_DISCARD (thousands, maximum precision admitted 5 digits after the point)
86. AGE_8_MEAN_WEIGHT_DISCARD (kg, maximum precision admitted in gram=5 digits after the point)
87. AGE_8_MEAN_LENGTH_DISCARD (cm, maximum precision admitted in mm=5 digits after the point)
88. AGE_9 (years) = 9
89. AGE_9_NO_LANDED (thousands, maximum precision admitted 5 digits after the point)
90. AGE_9_MEAN_WEIGHT_LANDED (kg, maximum precision admitted in gram=5 digits after the point)
91. AGE_9_MEAN_LENGTH_LANDED (cm, maximum precision admitted in mm=5 digits after the point)
92. AGE_9_NO_DISCARD (thousands, maximum precision admitted 5 digits after the point)

93. AGE_9_MEAN_WEIGHT_DISCARD (kg, maximum precision admitted in gram=5 digits after the point)
94. AGE_9_MEAN_LENGTH_DISCARD (cm, maximum precision admitted in mm=5 digits after the point)
95. AGE_10 (years) = 10
96. AGE_10_NO_LANDED (thousands, maximum precision admitted 5 digits after the point)
97. AGE_10_MEAN_WEIGHT_LANDED (kg, maximum precision admitted in gram=5 digits after the point)
98. AGE_10_MEAN_LENGTH_LANDED (cm, maximum precision admitted in mm=5 digits after the point)
99. AGE_10_NO_DISCARD (thousands, maximum precision admitted 5 digits after the point)
100. AGE_10_MEAN_WEIGHT_DISCARD (kg, maximum precision admitted in gram=5 digits after the point)
101. AGE_10_MEAN_LENGTH_DISCARD (cm, maximum precision admitted in mm=5 digits after the point)
102. AGE_11 (years) = 11
103. AGE_11_NO_LANDED (thousands, maximum precision admitted 5 digits after the point)
104. AGE_11_MEAN_WEIGHT_LANDED (kg, maximum precision admitted in gram=5 digits after the point)
105. AGE_11_MEAN_LENGTH_LANDED (cm, maximum precision admitted in mm=5 digits after the point)
106. AGE_11_NO_DISCARD (thousands, maximum precision admitted 5 digits after the point)
107. AGE_11_MEAN_WEIGHT_DISCARD (kg, maximum precision admitted in gram=5 digits after the point)
108. AGE_11_MEAN_LENGTH_DISCARD (cm, maximum precision admitted in mm=5 digits after the point)
109. AGE_12 (years) = 12
110. AGE_12_NO_LANDED (thousands, maximum precision admitted 5 digits after the point)
111. AGE_12_MEAN_WEIGHT_LANDED (kg, maximum precision admitted in gram=5 digits after the point)
112. AGE_12_MEAN_LENGTH_LANDED (cm, maximum precision admitted in mm=5 digits after the point)
113. AGE_12_NO_DISCARD (thousands, maximum precision admitted 5 digits after the point)
114. AGE_12_MEAN_WEIGHT_DISCARD (kg, maximum precision admitted in gram=5 digits after the point)
115. AGE_12_MEAN_LENGTH_DISCARD (cm, maximum precision admitted in mm=5 digits after the point)
116. AGE_13 (years) = 13
117. AGE_13_NO_LANDED (thousands, maximum precision admitted 5 digits after the point)
118. AGE_13_MEAN_WEIGHT_LANDED (kg, maximum precision admitted in gram=5 digits after the point)
119. AGE_13_MEAN_LENGTH_LANDED (cm, maximum precision admitted in mm=5 digits after the point)

120. AGE_13_NO_DISCARD (thousands, maximum precision admitted 5 digits after the point)
121. AGE_13_MEAN_WEIGHT_DISCARD (kg, maximum precision admitted in gram=5 digits after the point)
122. AGE_13_MEAN_LENGTH_DISCARD (cm, maximum precision admitted in mm=5 digits after the point)
123. AGE_14 (years) = 14
124. AGE_14_NO_LANDED (thousands, maximum precision admitted 5 digits after the point)
125. AGE_14_MEAN_WEIGHT_LANDED (kg, maximum precision admitted in gram=5 digits after the point)
126. AGE_14_MEAN_LENGTH_LANDED (cm, maximum precision admitted in mm=5 digits after the point)
127. AGE_14_NO_DISCARD (thousands, maximum precision admitted 5 digits after the point)
128. AGE_14_MEAN_WEIGHT_DISCARD (kg, maximum precision admitted in gram=5 digits after the point)
129. AGE_14_MEAN_LENGTH_DISCARD (cm, maximum precision admitted in mm=5 digits after the point)
130. AGE_15 (years) = 15
131. AGE_15_NO_LANDED (thousands, maximum precision admitted 5 digits after the point)
132. AGE_15_MEAN_WEIGHT_LANDED (kg, maximum precision admitted in gram=5 digits after the point)
133. AGE_15_MEAN_LENGTH_LANDED (cm, maximum precision admitted in mm=5 digits after the point)
134. AGE_15_NO_DISCARD (thousands, maximum precision admitted 5 digits after the point)
135. AGE_15_MEAN_WEIGHT_DISCARD (kg, maximum precision admitted in gram=5 digits after the point)
136. AGE_15_MEAN_LENGTH_DISCARD (cm, maximum precision admitted in mm=5 digits after the point)
137. AGE_16 (years) = 16
138. AGE_16_NO_LANDED (thousands, maximum precision admitted 5 digits after the point)
139. AGE_16_MEAN_WEIGHT_LANDED (kg, maximum precision admitted in gram=5 digits after the point)
140. AGE_16_MEAN_LENGTH_LANDED (cm, maximum precision admitted in mm=5 digits after the point)
141. AGE_16_NO_DISCARD (thousands, maximum precision admitted 5 digits after the point)
142. AGE_16_MEAN_WEIGHT_DISCARD (kg, maximum precision admitted in gram=5 digits after the point)
143. AGE_16_MEAN_LENGTH_DISCARD (cm, maximum precision admitted in mm=5 digits after the point)
144. AGE_17 (years) = 17
145. AGE_17_NO_LANDED (thousands, maximum precision admitted 5 digits after the point)
146. AGE_17_MEAN_WEIGHT_LANDED (kg, maximum precision admitted in gram=5 digits after the point)

147. AGE_17_MEAN_LENGTH_LANDED (cm, maximum precision admitted in mm=5 digits after the point)
148. AGE_17_NO_DISCARD (thousands, maximum precision admitted 5 digits after the point)
149. AGE_17_MEAN_WEIGHT_DISCARD (kg, maximum precision admitted in gram=5 digits after the point)
150. AGE_17_MEAN_LENGTH_DISCARD (cm, maximum precision admitted in mm=5 digits after the point)
151. AGE_18 (years) = 18
152. AGE_18_NO_LANDED (thousands, maximum precision admitted 5 digits after the point)
153. AGE_18_MEAN_WEIGHT_LANDED (kg, maximum precision admitted in gram=5 digits after the point)
154. AGE_18_MEAN_LENGTH_LANDED (cm, maximum precision admitted in mm=5 digits after the point)
155. AGE_18_NO_DISCARD (thousands, maximum precision admitted 5 digits after the point)
156. AGE_18_MEAN_WEIGHT_DISCARD (kg, maximum precision admitted in gram=5 digits after the point)
157. AGE_18_MEAN_LENGTH_DISCARD (cm, maximum precision admitted in mm=5 digits after the point)
158. AGE_19 (years) = 19
159. AGE_19_NO_LANDED (thousands, maximum precision admitted 5 digits after the point)
160. AGE_19_MEAN_WEIGHT_LANDED (kg, maximum precision admitted in gram=5 digits after the point)
161. AGE_19_MEAN_LENGTH_LANDED (cm, maximum precision admitted in mm=5 digits after the point)
162. AGE_19_NO_DISCARD (thousands, maximum precision admitted 5 digits after the point)
163. AGE_19_MEAN_WEIGHT_DISCARD (kg, maximum precision admitted in gram=5 digits after the point)
164. AGE_19_MEAN_LENGTH_DISCARD (cm, maximum precision admitted in mm=5 digits after the point)
165. AGE_20_PLUS (years) = any fish of age equal or higher than 20
166. AGE_20_PLUS_NO_LANDED (thousands, maximum precision admitted 5 digits after the point)
167. AGE_20_PLUS _MEAN_WEIGHT_LANDED (kg, maximum precision admitted in gram=5 digits after the point)
168. AGE_20_PLUS _MEAN_LENGTH_LANDED (cm, maximum precision admitted in mm=5 digits after the point)
169. AGE_20_PLUS _NO_DISCARD (thousands, maximum precision admitted 5 digits after the point)
170. AGE_20_PLUS _MEAN_WEIGHT_DISCARD (kg, maximum precision admitted in gram=5 digits after the point)
171. AGE_20_PLUS _MEAN_LENGTH_DISCARD (cm, maximum precision admitted in mm=5 digits after the point)

Appendix 2.2 Fisheries landings at length data

Table B. Landings data fully aggregated (sum) by ID. Please ensure that data entries are fully consistent with coding given in Appendixes.

1. ID (this is a unique identifier; e.g. the combination of country, year, quarter, gear, mesh size range, fishery or metier, and area; this is free text with a maximum of 40 characters without space)
2. COUNTRY (this should be given according to the code list provided in Appendix 1.1)
3. YEAR (this should be given in four digits), like 2016
4. QUARTER (this should be given as one digit), like 1, 2, 3, or 4
5. VESSEL_LENGTH (vessel length should be given according to the code list provided in Appendix 1.2)
6. GEAR (gear should be given according to the code list provided in Appendix 1.3)
7. MESH_SIZE_RANGE (the mesh size range should be given according to the code list provided in Appendix 1.4)
8. FISHERY or métier (species complex, gear and vessel characteristics code is given in Appendix 1.5)
9. AREA (e.g. GSA 1, given in Appendix 1.6)
10. SPECON (any derogation granted, text string of maximum 10 characters)
11. SPECIES (the species should be given according to the code list provided in the last column of Appendix 1.7 where applicable)
12. LANDINGS (estimated landings in tonnes should be given)
13. UNIT (unit of length classes, mm=millimetre, cm=centimetre, measurement lengths are provided in Appendix 1.8)
14. LENGTHCLASS0 (numbers in thousands, maximum precision admitted 5 digits after the point)
15. LENGTHCLASS1 (numbers in thousands, maximum precision admitted 5 digits after the point)
16. LENGTHCLASS2 (numbers in thousands, maximum precision admitted 5 digits after the point)
17. LENGTHCLASS3 (numbers in thousands, maximum precision admitted 5 digits after the point)
18. LENGTHCLASS4 (numbers in thousands, maximum precision admitted 5 digits after the point)
19. LENGTHCLASS5 (numbers in thousands, maximum precision admitted 5 digits after the point)
20. LENGTHCLASS6 (numbers in thousands, maximum precision admitted 5 digits after the point)
21. LENGTHCLASS7 (numbers in thousands, maximum precision admitted 5 digits after the point)
22. LENGTHCLASS8 (numbers in thousands, maximum precision admitted 5 digits after the point)
23. LENGTHCLASS9 (numbers in thousands, maximum precision admitted 5 digits after the point)
24. LENGTHCLASS10 (numbers in thousands, maximum precision admitted 5 digits after the point)
25. LENGTHCLASS11 (numbers in thousands, maximum precision admitted 5 digits after the point)

26. LENGTHCLASS12 (numbers in thousands, maximum precision admitted 5 digits after the point)
27. LENGTHCLASS13 (numbers in thousands, maximum precision admitted 5 digits after the point)
28. LENGTHCLASS14 (numbers in thousands, maximum precision admitted 5 digits after the point)
29. LENGTHCLASS15 (numbers in thousands, maximum precision admitted 5 digits after the point)
30. LENGTHCLASS16 (numbers in thousands, maximum precision admitted 5 digits after the point)
31. LENGTHCLASS17 (numbers in thousands, maximum precision admitted 5 digits after the point)
32. LENGTHCLASS18 (numbers in thousands, maximum precision admitted 5 digits after the point)
33. LENGTHCLASS19 (numbers in thousands, maximum precision admitted 5 digits after the point)
34. LENGTHCLASS20 (numbers in thousands, maximum precision admitted 5 digits after the point)
35. LENGTHCLASS21 (numbers in thousands, maximum precision admitted 5 digits after the point)
36. LENGTHCLASS22 (numbers in thousands, maximum precision admitted 5 digits after the point)
37. LENGTHCLASS23 (numbers in thousands, maximum precision admitted 5 digits after the point)
38. LENGTHCLASS24 (numbers in thousands, maximum precision admitted 5 digits after the point)
39. LENGTHCLASS25 (numbers in thousands, maximum precision admitted 5 digits after the point)
40. LENGTHCLASS26 (numbers in thousands, maximum precision admitted 5 digits after the point)
41. LENGTHCLASS27 (numbers in thousands, maximum precision admitted 5 digits after the point)
42. LENGTHCLASS28 (numbers in thousands, maximum precision admitted 5 digits after the point)
43. LENGTHCLASS29 (numbers in thousands, maximum precision admitted 5 digits after the point)
44. LENGTHCLASS30 (numbers in thousands, maximum precision admitted 5 digits after the point)
45. LENGTHCLASS31 (numbers in thousands, maximum precision admitted 5 digits after the point)
46. LENGTHCLASS32 (numbers in thousands, maximum precision admitted 5 digits after the point)
47. LENGTHCLASS33 (numbers in thousands, maximum precision admitted 5 digits after the point)
48. LENGTHCLASS34 (numbers in thousands, maximum precision admitted 5 digits after the point)
49. LENGTHCLASS35 (numbers in thousands, maximum precision admitted 5 digits after the point)
50. LENGTHCLASS36 (numbers in thousands, maximum precision admitted 5 digits after the point)

51. LENGTHCLASS37 (numbers in thousands, maximum precision admitted 5 digits after the point)
52. LENGTHCLASS38 (numbers in thousands, maximum precision admitted 5 digits after the point)
53. LENGTHCLASS39 (numbers in thousands, maximum precision admitted 5 digits after the point)
54. LENGTHCLASS40 (numbers in thousands, maximum precision admitted 5 digits after the point)
55. LENGTHCLASS41 (numbers in thousands, maximum precision admitted 5 digits after the point)
56. LENGTHCLASS42 (numbers in thousands, maximum precision admitted 5 digits after the point)
57. LENGTHCLASS 43 (numbers in thousands, maximum precision admitted 5 digits after the point)
58. LENGTHCLASS44 (numbers in thousands, maximum precision admitted 5 digits after the point)
59. LENGTHCLASS45 (numbers in thousands, maximum precision admitted 5 digits after the point)
60. LENGTHCLASS46 (numbers in thousands, maximum precision admitted 5 digits after the point)
61. LENGTHCLASS47 (numbers in thousands, maximum precision admitted 5 digits after the point)
62. LENGTHCLASS48 (numbers in thousands, maximum precision admitted 5 digits after the point)
63. LENGTHCLASS49 (numbers in thousands, maximum precision admitted 5 digits after the point)
64. LENGTHCLASS50 (numbers in thousands, maximum precision admitted 5 digits after the point)
65. LENGTHCLASS51 (numbers in thousands, maximum precision admitted 5 digits after the point)
66. LENGTHCLASS52 (numbers in thousands, maximum precision admitted 5 digits after the point)
67. LENGTHCLASS53 (numbers in thousands, maximum precision admitted 5 digits after the point)
68. LENGTHCLASS54 (numbers in thousands, maximum precision admitted 5 digits after the point)
69. LENGTHCLASS55 (numbers in thousands, maximum precision admitted 5 digits after the point)
70. LENGTHCLASS56 (numbers in thousands, maximum precision admitted 5 digits after the point)
71. LENGTHCLASS57 (numbers in thousands, maximum precision admitted 5 digits after the point)
72. LENGTHCLASS58 (numbers in thousands, maximum precision admitted 5 digits after the point)
73. LENGTHCLASS59 (numbers in thousands, maximum precision admitted 5 digits after the point)
74. LENGTHCLASS60 (numbers in thousands, maximum precision admitted 5 digits after the point)
75. LENGTHCLASS61 (numbers in thousands, maximum precision admitted 5 digits after the point)

76. LENGTHCLASS62 (numbers in thousands, maximum precision admitted 5 digits after the point)
77. LENGTHCLASS63 (numbers in thousands, maximum precision admitted 5 digits after the point)
78. LENGTHCLASS64 (numbers in thousands, maximum precision admitted 5 digits after the point)
79. LENGTHCLASS65 (numbers in thousands, maximum precision admitted 5 digits after the point)
80. LENGTHCLASS66 (numbers in thousands, maximum precision admitted 5 digits after the point)
81. LENGTHCLASS67 (numbers in thousands, maximum precision admitted 5 digits after the point)
82. LENGTHCLASS68 (numbers in thousands, maximum precision admitted 5 digits after the point)
83. LENGTHCLASS69 (numbers in thousands, maximum precision admitted 5 digits after the point)
84. LENGTHCLASS70 (numbers in thousands, maximum precision admitted 5 digits after the point)
85. LENGTHCLASS71 (numbers in thousands, maximum precision admitted 5 digits after the point)
86. LENGTHCLASS72 (numbers in thousands, maximum precision admitted 5 digits after the point)
87. LENGTHCLASS73 (numbers in thousands, maximum precision admitted 5 digits after the point)
88. LENGTHCLASS74 (numbers in thousands, maximum precision admitted 5 digits after the point)
89. LENGTHCLASS75 (numbers in thousands, maximum precision admitted 5 digits after the point)
90. LENGTHCLASS76 (numbers in thousands, maximum precision admitted 5 digits after the point)
91. LENGTHCLASS77 (numbers in thousands, maximum precision admitted 5 digits after the point)
92. LENGTHCLASS78 (numbers in thousands, maximum precision admitted 5 digits after the point)
93. LENGTHCLASS79 (numbers in thousands, maximum precision admitted 5 digits after the point)
94. LENGTHCLASS80 (numbers in thousands, maximum precision admitted 5 digits after the point)
95. LENGTHCLASS81 (numbers in thousands, maximum precision admitted 5 digits after the point)
96. LENGTHCLASS82 (numbers in thousands, maximum precision admitted 5 digits after the point)
97. LENGTHCLASS83 (numbers in thousands, maximum precision admitted 5 digits after the point)
98. LENGTHCLASS84 (numbers in thousands, maximum precision admitted 5 digits after the point)
99. LENGTHCLASS85 (numbers in thousands, maximum precision admitted 5 digits after the point)
100. LENGTHCLASS86 (numbers in thousands, maximum precision admitted 5 digits after the point)

101. LENGTHCLASS87 (numbers in thousands, maximum precision admitted 5 digits after the point)
102. LENGTHCLASS88 (numbers in thousands, maximum precision admitted 5 digits after the point)
103. LENGTHCLASS89 (numbers in thousands, maximum precision admitted 5 digits after the point)
104. LENGTHCLASS90 (numbers in thousands, maximum precision admitted 5 digits after the point)
105. LENGTHCLASS91 (numbers in thousands, maximum precision admitted 5 digits after the point)
106. LENGTHCLASS92 (numbers in thousands, maximum precision admitted 5 digits after the point)
107. LENGTHCLASS93 (numbers in thousands, maximum precision admitted 5 digits after the point)
108. LENGTHCLASS94 (numbers in thousands, maximum precision admitted 5 digits after the point)
109. LENGTHCLASS95 (numbers in thousands, maximum precision admitted 5 digits after the point)
110. LENGTHCLASS96 (numbers in thousands, maximum precision admitted 5 digits after the point)
111. LENGTHCLASS97 (numbers in thousands, maximum precision admitted 5 digits after the point)
112. LENGTHCLASS98 (numbers in thousands, maximum precision admitted 5 digits after the point)
113. LENGTHCLASS99 (numbers in thousands, maximum precision admitted 5 digits after the point)
114. LENGTHCLASS100_PLUS (numbers in thousands, maximum precision admitted 5 digits after the point)

Appendix 2.3 Fisheries discards at length data

Table C. Discards data fully aggregated (sum) by ID. Please ensure that data entries are fully consistent with coding given in Appendixes.

1. ID (this is a unique identifier; e.g. the combination of country, year, quarter, gear, mesh size range, fishery or metier, and area; this is free text with a maximum of 40 characters without space)
2. COUNTRY (this should be given according to the code list provided in Appendix 1.1)
3. YEAR (this should be given in four digits), like 2016
4. QUARTER (this should be given as one digit), like 1, 2, 3, or 4
5. VESSEL_LENGTH (vessel length should be given according to the code list provided in Appendix 1.2)
6. GEAR (gear should be given according to the code list provided in Appendix 1.3)
7. MESH_SIZE_RANGE (the mesh size range should be given according to the code list provided in Appendix 1.4)
8. FISHERY or métier (species complex, gear and vessel characteristics code is given in Appendix 1.5)
9. AREA (e.g. GSA 1, given in Appendix 1.6)
10. SPECON (any derogation granted, text string of maximum 10 characters)
11. SPECIES (the species should be given according to the code list provided in the last column of Appendix 1.7 where applicable)
12. DISCARDS (estimated discards in tonnes should be given)
13. UNIT (unit of length classes, mm=millimetre, cm=centimetre, measurement lengths are provided in Appendix 1.8)
14. LENGTHCLASS0 (numbers in thousands, maximum precision admitted 5 digits after the point)
15. LENGTHCLASS1 (numbers in thousands, maximum precision admitted 5 digits after the point)
16. LENGTHCLASS2 (numbers in thousands, maximum precision admitted 5 digits after the point)
17. LENGTHCLASS3 (numbers in thousands, maximum precision admitted 5 digits after the point)
18. LENGTHCLASS4 (numbers in thousands, maximum precision admitted 5 digits after the point)
19. LENGTHCLASS5 (numbers in thousands, maximum precision admitted 5 digits after the point)
20. LENGTHCLASS6 (numbers in thousands, maximum precision admitted 5 digits after the point)
21. LENGTHCLASS7 (numbers in thousands, maximum precision admitted 5 digits after the point)
22. LENGTHCLASS8 (numbers in thousands, maximum precision admitted 5 digits after the point)
23. LENGTHCLASS9 (numbers in thousands, maximum precision admitted 5 digits after the point)
24. LENGTHCLASS10 (numbers in thousands, maximum precision admitted 5 digits after the point)
25. LENGTHCLASS11 (numbers in thousands, maximum precision admitted 5 digits after the point)

26. LENGTHCLASS12 (numbers in thousands, maximum precision admitted 5 digits after the point)
27. LENGTHCLASS13 (numbers in thousands, maximum precision admitted 5 digits after the point)
28. LENGTHCLASS14 (numbers in thousands, maximum precision admitted 5 digits after the point)
29. LENGTHCLASS15 (numbers in thousands, maximum precision admitted 5 digits after the point)
30. LENGTHCLASS16 (numbers in thousands, maximum precision admitted 5 digits after the point)
31. LENGTHCLASS17 (numbers in thousands, maximum precision admitted 5 digits after the point)
32. LENGTHCLASS18 (numbers in thousands, maximum precision admitted 5 digits after the point)
33. LENGTHCLASS19 (numbers in thousands, maximum precision admitted 5 digits after the point)
34. LENGTHCLASS20 (numbers in thousands, maximum precision admitted 5 digits after the point)
35. LENGTHCLASS21 (numbers in thousands, maximum precision admitted 5 digits after the point)
36. LENGTHCLASS22 (numbers in thousands, maximum precision admitted 5 digits after the point)
37. LENGTHCLASS23 (numbers in thousands, maximum precision admitted 5 digits after the point)
38. LENGTHCLASS24 (numbers in thousands, maximum precision admitted 5 digits after the point)
39. LENGTHCLASS25 (numbers in thousands, maximum precision admitted 5 digits after the point)
40. LENGTHCLASS26 (numbers in thousands, maximum precision admitted 5 digits after the point)
41. LENGTHCLASS27 (numbers in thousands, maximum precision admitted 5 digits after the point)
42. LENGTHCLASS28 (numbers in thousands, maximum precision admitted 5 digits after the point)
43. LENGTHCLASS29 (numbers in thousands, maximum precision admitted 5 digits after the point)
44. LENGTHCLASS30 (numbers in thousands, maximum precision admitted 5 digits after the point)
45. LENGTHCLASS31 (numbers in thousands, maximum precision admitted 5 digits after the point)
46. LENGTHCLASS32 (numbers in thousands, maximum precision admitted 5 digits after the point)
47. LENGTHCLASS33 (numbers in thousands, maximum precision admitted 5 digits after the point)
48. LENGTHCLASS34 (numbers in thousands, maximum precision admitted 5 digits after the point)
49. LENGTHCLASS35 (numbers in thousands, maximum precision admitted 5 digits after the point)
50. LENGTHCLASS36 (numbers in thousands, maximum precision admitted 5 digits after the point)

51. LENGTHCLASS37 (numbers in thousands, maximum precision admitted 5 digits after the point)
52. LENGTHCLASS38 (numbers in thousands, maximum precision admitted 5 digits after the point)
53. LENGTHCLASS39 (numbers in thousands, maximum precision admitted 5 digits after the point)
54. LENGTHCLASS40 (numbers in thousands, maximum precision admitted 5 digits after the point)
55. LENGTHCLASS41 (numbers in thousands, maximum precision admitted 5 digits after the point)
56. LENGTHCLASS42 (numbers in thousands, maximum precision admitted 5 digits after the point)
57. LENGTHCLASS 43 (numbers in thousands, maximum precision admitted 5 digits after the point)
58. LENGTHCLASS44 (numbers in thousands, maximum precision admitted 5 digits after the point)
59. LENGTHCLASS45 (numbers in thousands, maximum precision admitted 5 digits after the point)
60. LENGTHCLASS46 (numbers in thousands, maximum precision admitted 5 digits after the point)
61. LENGTHCLASS47 (numbers in thousands, maximum precision admitted 5 digits after the point)
62. LENGTHCLASS48 (numbers in thousands, maximum precision admitted 5 digits after the point)
63. LENGTHCLASS49 (numbers in thousands, maximum precision admitted 5 digits after the point)
64. LENGTHCLASS50 (numbers in thousands, maximum precision admitted 5 digits after the point)
65. LENGTHCLASS51 (numbers in thousands, maximum precision admitted 5 digits after the point)
66. LENGTHCLASS52 (numbers in thousands, maximum precision admitted 5 digits after the point)
67. LENGTHCLASS53 (numbers in thousands, maximum precision admitted 5 digits after the point)
68. LENGTHCLASS54 (numbers in thousands, maximum precision admitted 5 digits after the point)
69. LENGTHCLASS55 (numbers in thousands, maximum precision admitted 5 digits after the point)
70. LENGTHCLASS56 (numbers in thousands, maximum precision admitted 5 digits after the point)
71. LENGTHCLASS57 (numbers in thousands, maximum precision admitted 5 digits after the point)
72. LENGTHCLASS58 (numbers in thousands, maximum precision admitted 5 digits after the point)
73. LENGTHCLASS59 (numbers in thousands, maximum precision admitted 5 digits after the point)
74. LENGTHCLASS60 (numbers in thousands, maximum precision admitted 5 digits after the point)
75. LENGTHCLASS61 (numbers in thousands, maximum precision admitted 5 digits after the point)

76. LENGTHCLASS62 (numbers in thousands, maximum precision admitted 5 digits after the point)
77. LENGTHCLASS63 (numbers in thousands, maximum precision admitted 5 digits after the point)
78. LENGTHCLASS64 (numbers in thousands, maximum precision admitted 5 digits after the point)
79. LENGTHCLASS65 (numbers in thousands, maximum precision admitted 5 digits after the point)
80. LENGTHCLASS66 (numbers in thousands, maximum precision admitted 5 digits after the point)
81. LENGTHCLASS67 (numbers in thousands, maximum precision admitted 5 digits after the point)
82. LENGTHCLASS68 (numbers in thousands, maximum precision admitted 5 digits after the point)
83. LENGTHCLASS69 (numbers in thousands, maximum precision admitted 5 digits after the point)
84. LENGTHCLASS70 (numbers in thousands, maximum precision admitted 5 digits after the point)
85. LENGTHCLASS71 (numbers in thousands, maximum precision admitted 5 digits after the point)
86. LENGTHCLASS72 (numbers in thousands, maximum precision admitted 5 digits after the point)
87. LENGTHCLASS73 (numbers in thousands, maximum precision admitted 5 digits after the point)
88. LENGTHCLASS74 (numbers in thousands, maximum precision admitted 5 digits after the point)
89. LENGTHCLASS75 (numbers in thousands, maximum precision admitted 5 digits after the point)
90. LENGTHCLASS76 (numbers in thousands, maximum precision admitted 5 digits after the point)
91. LENGTHCLASS77 (numbers in thousands, maximum precision admitted 5 digits after the point)
92. LENGTHCLASS78 (numbers in thousands, maximum precision admitted 5 digits after the point)
93. LENGTHCLASS79 (numbers in thousands, maximum precision admitted 5 digits after the point)
94. LENGTHCLASS80 (numbers in thousands, maximum precision admitted 5 digits after the point)
95. LENGTHCLASS81 (numbers in thousands, maximum precision admitted 5 digits after the point)
96. LENGTHCLASS82 (numbers in thousands, maximum precision admitted 5 digits after the point)
97. LENGTHCLASS83 (numbers in thousands, maximum precision admitted 5 digits after the point)
98. LENGTHCLASS84 (numbers in thousands, maximum precision admitted 5 digits after the point)
99. LENGTHCLASS85 (numbers in thousands, maximum precision admitted 5 digits after the point)
100. LENGTHCLASS86 (numbers in thousands, maximum precision admitted 5 digits after the point)

101. LENGTHCLASS87 (numbers in thousands, maximum precision admitted 5 digits after the point)
102. LENGTHCLASS88 (numbers in thousands, maximum precision admitted 5 digits after the point)
103. LENGTHCLASS89 (numbers in thousands, maximum precision admitted 5 digits after the point)
104. LENGTHCLASS90 (numbers in thousands, maximum precision admitted 5 digits after the point)
105. LENGTHCLASS91 (numbers in thousands, maximum precision admitted 5 digits after the point)
106. LENGTHCLASS92 (numbers in thousands, maximum precision admitted 5 digits after the point)
107. LENGTHCLASS93 (numbers in thousands, maximum precision admitted 5 digits after the point)
108. LENGTHCLASS94 (numbers in thousands, maximum precision admitted 5 digits after the point)
109. LENGTHCLASS95 (numbers in thousands, maximum precision admitted 5 digits after the point)
110. LENGTHCLASS96 (numbers in thousands, maximum precision admitted 5 digits after the point)
111. LENGTHCLASS97 (numbers in thousands, maximum precision admitted 5 digits after the point)
112. LENGTHCLASS98 (numbers in thousands, maximum precision admitted 5 digits after the point)
113. LENGTHCLASS99 (numbers in thousands, maximum precision admitted 5 digits after the point)
114. LENGTHCLASS100_PLUS (numbers in thousands, maximum precision admitted 5 digits after the point)

3. APPENDIX 3. BIOLOGICAL DATA PARAMETERS

NOTE: Available data are requested for the <u>full time series during 2002-2021</u>**. The list of species for which biological data are available, may differ between Member States according to adopted National Work plans and Programmes[4]. Since most of these parameters are collected annually, it is advisable to submit data on an annual basis, where possible. **In any case, for biological parameters, specification of a temporal span greater than 3 years (for example START_YEAR = 2002, END_YEAR = 2015) is not acceptable.

Appendix 3.1 Maturity ogives at Length.

Table ML. Maturity ogives at Length - aggregated by length class, sex, species, start-end year, area and country where fish were caught.

1. COUNTRY (this should be given according to the code list provided in Appendix 1.1)
2. AREA (e.g. GSA 1, given in Appendix 1.6)
3. START_YEAR (integer number, indicating the starting year for the time period of the data sampled e.g. for a triennial period '2009-2011' it should be '2009')
4. END_YEAR (integer number, indicating the end year for the time period of the data sampled e.g. for a triennial period '2009-2011' it should be '2011').
   Note: *if the sampling period covered only one year of data then START_YEAR and END_YEAR values should be identical)*
5. SPECIES (the species should be given according to the code list provided in the last column of Appendix 1.7 and shall include only those species collected according to the COMMISSION DELEGATED DECISION (EU) 2019/910)
6. SEX (female=F, male=M, combined=C)
7. LENGTHCLASS (integer number >=0 in increasing order of length class; step interval = 1 cm or mm, e.g.: 0, 1, 2, 3, etc)
8. UNIT (text string of maximum 2 characters, indicating length measurement unit: cm=centimetre; mm=millimetre, measurement lengths are provided in Appendix 1.8)
9. SAMPLE_SIZE (integer number >0; indicates the number of sexed specimens measured in each length class)
10 PRM (0<= number <=1; indicates the Proportion of Mature individuals per length class; precision =5 digits after the point
11. METHOD_USED (text string of maximum 250 characters; includes any relevant information e.g.: *Macroscopically by using Nikolsky scale; GLM. Logistic function. Binomial error; Bootstrapped precision estimates; 3 and 4-scale maturity ogive; MEDITS protocol, Fontana scale etc.*)

[4] Available at https://datacollection.jrc.ec.europa.eu/wp-np-ar

Appendix 3.2 Maturity ogives at Age.

Table MA. Maturity ogives at Age - aggregated by age class, sex, species, start-end year, area and country where fish were caught.

1. COUNTRY (this should be given according to the code list provided in Appendix 1.1)
2. AREA (e.g. GSA 1, given in Appendix 1.6)
3. START_YEAR (integer number, indicating the starting year for the time period of the data sampled e.g. for a triennial period '2009-2011' it should be '2009')
4. END_YEAR (integer number, indicating the end year for the time period of the data sampled e.g. for a triennial period '2009-2011' it should be '2011').
   Note: *if the sampling period covered only one year of data then START_YEAR and END_YEAR values should be identical)*
5. SPECIES (the species should be given according to the code list provided in the last column of Appendix 1.7 and shall include only those species collected according to the COMMISSION DELEGATED DECISION (EU) 2019/910)
6. SEX (female=F, male=M, combined=C)
7. AGECLASS (integer number >=0 in increasing order of age class; step interval = 1 year; e.g.: 0, 1, 2, 3, etc)
8. SAMPLE_SIZE (integer number >0; indicates the number of sexed specimens measured in each age class)
9. PRM (0<= number <=1; indicates the Proportion of Mature individuals per age class; precision =5 digits after the decimal
10. METHOD_USED (text string of maximum 250 characters; includes any relevant information e.g.: *Macroscopically by using Nikolsky scale; GLM. Logistic function. Binomial error; Bootstrapped precision estimates; 3 and 4-scale maturity ogive; MEDITS protocol, Fontana scale etc.*)

Appendix 3.3 Growth parameters.

Table GP. Growth parameters (von Bertalanffy growth parameters & Length-Weight relationship parameters) aggregated by sex, species, start-end year, area and country where fish were caught.

1. COUNTRY (this should be given according to the code list provided in Appendix 1.1)
2. AREA (e.g. GSA 1, given in Appendix 1.6)
3. START_YEAR (integer number, indicating the starting year for the time period of the data sampled e.g. for a triennial period '2009-2011' it should be '2009')
4. END_YEAR (integer number, indicating the end year for the time period of the data sampled e.g. for a triennial period '2009-2011' it should be '2011').
   Note: *if the sampling period covered only one year of data then START_YEAR and END_YEAR values should be identical)*
5. SPECIES (the species should be given according to the code list provided in the last column of Appendix 1.7 and shall include only those species collected according to the COMMISSION DELEGATED DECISION (EU) 2019/910)
6. SEX (female=F, male=M, combined=C)
7. VB_LINF (number > 0; denotes the L_∞ (length at infinity) parameter of the Von Bertalanffy growth equation or else called the "asymptotic length"; precision = 1 digit after the decimal; expressed in *cm* or *mm*, as defined in the field 'VB_units' below)
8. VB_K (number > 0; denotes the *k* growth parameter of the Von Bertalanffy growth equation or else called the "curvature parameter"; precision = 3 digits after the decimal; expressed in $year^{-1}$, as defined in the field 'VB_units' below)
9. VB_T0 (-5 <= number <= 5; denotes the t_0 growth parameter of the Von Bertalanffy growth equation or else called the "the initial condition parameter"; precision = 2 digits after the decimal; expressed in *years*, as defined in the field 'VB_UNITS' below)
10. VB_SAMPLE_SIZE (integer number >0; indicates the number of specimens measured)
11. VB_SIZE_RANGE (text string of maximum 15 chars; indicates the length or age range of specimens measured; e.g. 50-250 mm or 0-3 years)
12. VB_UNITS (text string of maximum 2 chars, indicating length measurement unit: **cm**=centimetre; **mm**=millimetre, measurement lengths are provided in Appendix 1.8)
13. VB_METHOD_USED (text string of maximum 250 chars; includes any relevant information on the method used for ageing and estimating the growth parameters L_∞, *k*, t_0; e.g.: *otoliths; length frequency analysis; non Linear Least square etc.*)
14. A (number > 0; denotes the '*a*' parameter in the Length-Weight relationship "$Weight=a*Length^b$", precision = 5 digits after the decimal; calculated based on the units defined in the field 'L-W_UNITS' below.
15. B (number > 1; denotes the '*b*' parameter in the Length-Weight relationship "$Weight=a*Length^b$", precision = 5 digits after the decimal; calculated based on the units defined in the field 'L-W_UNITS' below.
16. L_W_SAMPLE_SIZE (integer number >0; indicates the number of specimens measured)

17. L_W_SIZE_RANGE (text string of maximum 15 chars; indicates the length or weight range of specimens measured; e.g. 50-250 mm or 100-2000 g)
18. L_W_UNITS (text string of maximum 6 chars, indicates length-weight measurement units on which *a* and *b* were calculated; e.g.: mm-g or cm-g)
19. L_W_METHOD_USED (text string of maximum 250 chars; includes any relevant information on the method used for calculating the *a* and *b* growth parameters; e.g.: *L-W regression analysis on MEDITS data; L-W regression analysis on DCF data etc…*)
20. SPAWNING_SEASON (text string of maximum 50 chars; indicates the spawning season in a range of a time period; e.g.: *All year round; Summer-Autumn; January-December etc.*)
21. SPAWNING_PEAK (text string of maximum 50 chars; indicates the peak of the spawning period with the highest proportion of spawners; e.g.: *Summer; January-December etc.*)
22. COMMENTS (text string of maximum 250 chars; includes any other relevant information of use to the expert working groups)

Appendix 3.4 Sex ratio at length.

Table SRL. Sex ratio at length - aggregated by length class, species, start-end year, area and country where fish were caught.

1. COUNTRY (this should be given according to the code list provided in Appendix 1.1)
2. AREA (e.g. GSA 1, given in Appendix 1.6)
3. START_YEAR (integer number, indicating the starting year for the time period of the data sampled e.g. for a triennial period '2009-2011' it should be '2009')
4. END_YEAR (integer number, indicating the end year for the time period of the data sampled e.g. for a triennial period '2009-2011' it should be '2011').
   Note: *if the sampling period covered only one year of data then START_YEAR and END_YEAR values should be identical)*
5. SPECIES (the species should be given according to the code list provided in the last column of Appendix 1.7 and shall include only those species collected according to COMMISSION DELEGATED DECISION (EU) 2019/910)
6. LENGTHCLASS (integer number >=0 in increasing order of length class; step interval = 1 cm or mm, eg.: 0, 1, 2, 3, etc)
7. UNIT (text string of maximum 2 characters, indicating length measurement unit: cm=centimetre; mm=millimetre, measurement lengths are provided in Appendix 1.8)
8. SEX_RATIO (0<= number <=1; indicates the proportion of females in the total number of sex determined individuals in each length class; precision =3 digits after the decimal)
9. COMMENTS (text string of maximum 250 chars; includes any other relevant information of use to the expert working groups)

Appendix 3.5 Sex ratio at age.

Table SRA. Sex ratio at age - aggregated by age class, species, start-end year, area and country where fish were caught.

1. COUNTRY (this should be given according to the code list provided in Appendix 1.1)
2. AREA (e.g. GSA 1, given in Appendix 1.6)
3. START_YEAR (integer number, indicating the starting year for the time period of the data sampled e.g. for a triennial period '2009-2011' it should be '2009')
4. END_YEAR (integer number, indicating the end year for the time period of the data sampled e.g. for a triennial period '2009-2011' it should be '2011').
   Note: *if the sampling period covered only one year of data then START_YEAR and END_YEAR values should be identical)*
5. SPECIES (the species should be given according to the code list provided in the last column of Appendix 1.7 and shall include only those species collected according to the COMMISSION DELEGATED DECISION (EU) 2019/910)
6. AGECLASS (integer number >=0 in increasing order of age class; step interval = 1 year; e.g.: 0, 1, 2, 3, etc)
7. SEX_RATIO (0<= number <=1; indicates the **proportion of females** in the total number of sex determined individuals in each age class; precision =3 digits after the decimal)
8. COMMENTS (text string of maximum 250 chars; includes any other relevant information of use to the expert working groups)

Appendix 3.6 Age length key.

Table ALK. Age length key aggregated by age class, sex, species, start-end year, area and country where fish were caught

1. COUNTRY (this should be given according to the code list provided in Appendix 1.1)
1. AREA (e.g. GSA 1, given in Appendix 1.6)
2. START_YEAR (integer number, indicating the starting year for the time period of the data sampled e.g. for a triennial period '2009-2011' it should be '2009')
3. END_YEAR (integer number, indicating the end year for the time period of the data sampled e.g. for a triennial period '2009-2011' it should be '2011'). **Note**: *if the sampling period covered only one year of data then START_YEAR and END_YEAR values should be identical)*
4. SPECON (any derogation granted, text string of maximum 10 characters)
5. SPECIES (the species should be given according to the code list provided in the last column of Appendix 1.7 and shall include only those species for which ALKs are planned in the DCF National Work Plans)
6. SEX (female=F, male=M, combined=C)
7. APPLY_TO_CATCHES_FILE Yes (Y) or No (N). If ALK was applied to provide abundance by age in the catch at age file insert Y otherwise assign N (it means that to split length distributions in age another slicing method was used)
8. TOTAL_NUMBER_OF_HARD_STRUCTURE_READ_BY_AGE (integer numeric. It is the sum of number reported by length classes in each age)
9. CV (numeric, precision two decimal positions. Reported coefficient of variation)
10. UNIT (unit of length classes, cm=centimetre)
11. AGE (integer number >=0 in increasing order of age class; step interval = 1 year; e.g.: 0, 1, 2, 3, etc)
12. LENGTHCLASS0 (integer number >=0)
13. LENGTHCLASS1 (integer number >=0)
14. LENGTHCLASS2 (integer number >=0)
15. LENGTHCLASS3 (integer number >=0)
16. LENGTHCLASS4 (integer number >=0)
17. LENGTHCLASS5 (integer number >=0)
18. LENGTHCLASS6 (integer number >=0)
19. LENGTHCLASS7 (integer number >=0)
20. LENGTHCLASS8 (integer number >=0)
21. LENGTHCLASS9 (integer number >=0)
22. LENGTHCLASS10 (integer number >=0)
23. LENGTHCLASS11 (integer number >=0)

24. LENGTHCLASS12 (integer number >=0)
25. LENGTHCLASS13 (integer number >=0)
26. LENGTHCLASS14 (integer number >=0)
27. LENGTHCLASS15 (integer number >=0)
28. LENGTHCLASS16 (integer number >=0)
29. LENGTHCLASS17 (integer number >=0)
30. LENGTHCLASS18 (integer number >=0)
31. LENGTHCLASS19 (integer number >=0)
32. LENGTHCLASS20 (integer number >=0)
33. LENGTHCLASS21 (integer number >=0)
34. LENGTHCLASS22 (integer number >=0)
35. LENGTHCLASS23 (integer number >=0)
36. LENGTHCLASS24 (integer number >=0)
37. LENGTHCLASS25 (integer number >=0)
38. LENGTHCLASS26 (integer number >=0)
39. LENGTHCLASS27 (integer number >=0)
40. LENGTHCLASS28 (integer number >=0)
41. LENGTHCLASS29 (integer number >=0)
42. LENGTHCLASS30 (integer number >=0)
43. LENGTHCLASS31 (integer number >=0)
44. LENGTHCLASS32 (integer number >=0)
45. LENGTHCLASS33 (integer number >=0)
46. LENGTHCLASS34 (integer number >=0)
47. LENGTHCLASS35 (integer number >=0)
48. LENGTHCLASS36 (integer number >=0)
49. LENGTHCLASS37 (integer number >=0)
50. LENGTHCLASS38 (integer number >=0)
51. LENGTHCLASS39 (integer number >=0)
52. LENGTHCLASS40 (integer number >=0)
53. LENGTHCLASS41 (integer number >=0)
54. LENGTHCLASS42 (integer number >=0)
55. LENGTHCLASS43 (integer number >=0)
56. LENGTHCLASS44 (integer number >=0)
57. LENGTHCLASS45 (integer number >=0)
58. LENGTHCLASS46 (integer number >=0)
59. LENGTHCLASS47 (integer number >=0)
60. LENGTHCLASS48 (integer number >=0)
61. LENGTHCLASS49 (integer number >=0)
62. LENGTHCLASS50 (integer number >=0)
63. LENGTHCLASS51 (integer number >=0)
64. LENGTHCLASS52 (integer number >=0)
65. LENGTHCLASS53 (integer number >=0)
66. LENGTHCLASS54 (integer number >=0)
67. LENGTHCLASS55 (integer number >=0)
68. LENGTHCLASS56 (integer number >=0)
69. LENGTHCLASS57 (integer number >=0)

70. LENGTHCLASS58 (integer number >=0)
71. LENGTHCLASS59 (integer number >=0)
72. LENGTHCLASS60 (integer number >=0)
73. LENGTHCLASS61 (integer number >=0)
74. LENGTHCLASS62 (integer number >=0)
75. LENGTHCLASS63 (integer number >=0)
76. LENGTHCLASS64 (integer number >=0)
77. LENGTHCLASS65 (integer number >=0)
78. LENGTHCLASS66 (integer number >=0)
79. LENGTHCLASS67 (integer number >=0)
80. LENGTHCLASS68 (integer number >=0)
81. LENGTHCLASS69 (integer number >=0)
82. LENGTHCLASS70 (integer number >=0)
83. LENGTHCLASS71 (integer number >=0)
84. LENGTHCLASS72 (integer number >=0)
85. LENGTHCLASS73 (integer number >=0)
86. LENGTHCLASS74 (integer number >=0)
87. LENGTHCLASS75 (integer number >=0)
88. LENGTHCLASS76 (integer number >=0)
89. LENGTHCLASS77 (integer number >=0)
90. LENGTHCLASS78 (integer number >=0)
91. LENGTHCLASS79 (integer number >=0)
92. LENGTHCLASS80 (integer number >=0)
93. LENGTHCLASS81 (integer number >=0)
94. LENGTHCLASS82 (integer number >=0)
95. LENGTHCLASS83 (integer number >=0)
96. LENGTHCLASS84 (integer number >=0)
97. LENGTHCLASS85 (integer number >=0)
98. LENGTHCLASS86 (integer number >=0)
99. LENGTHCLASS87 (integer number >=0)
100. LENGTHCLASS88 (integer number >=0)
101. LENGTHCLASS89 (integer number >=0)
102. LENGTHCLASS90 (integer number >=0)
103. LENGTHCLASS91 (integer number >=0)
104. LENGTHCLASS92 (integer number >=0)
105. LENGTHCLASS93 (integer number >=0)
106. LENGTHCLASS94 (integer number >=0)
107. LENGTHCLASS95 (integer number >=0)
108. LENGTHCLASS96 (integer number >=0)
109. LENGTHCLASS97 (integer number >=0)
110. LENGTHCLASS98 (integer number >=0)
111. LENGTHCLASS99 (integer number >=0)
112. LENGTHCLASS100_PLUS (integer number >=0)
113. COMMENTS (text string of maximum 250 chars; includes any other relevant information of use to the expert working groups)

4. APPENDIX 4. SCIENTIFIC SURVEY DATA

APPENDIX 4.1. MEDITS SURVEY DATA

Appendix 4.1.1 Medits haul data

Type A. Medits haul data, in accordance to MEDITS instruction manual Version 9, 2017. Annex X
http://www.sibm.it/MEDITS%202011/principaledownload.htm

Appendix 4.1.2 Medits catch by haul data

Type B. Medits catch by haul data, all species, in accordance to MEDITS instruction manual Version 9, 2017 Annex XI
http://www.sibm.it/MEDITS%202011/principaledownload.htm

Appendix 4.1.3 Medits length and biological parameters by haul data

Type C. Medits length and biological parameters by haul data, all species, in accordance to MEDITS instruction manual, Version 9, 2017 Annex XII
http://www.sibm.it/MEDITS%202011/principaledownload.htm

Please note that in TA, TB and TC files, a new column entitled "NAME_OF_SURVEY" has been added. The acceptable formats are listed in Annex I Appendix 1.10.

Please note that in TA file, three new columns were added: "BOTTOM_SALINITY_BEGINNING", "BOTTOM_SALINITY_END" and "MEASURING_SYSTEM_SAL". "MEASURING_SYSTEM" was modified into "MEASURING_SYSTEM_TEMP". The device codes for MEASURE SYSTEM_TEMP and MEASURE SYSTEM_SAL are reported in AnnexX.a of the MEDITS Handbook ver9.

Annex X.a

System	Code	Notes
Vemco- Minilog TDR -5 to +35 C°	VA	
Star Oddi temperature sensor	SO	
XBT	XA	
SCANMAR	SA	
SIMRAD	SI	
CTD probe	CT	
SBE 56	SB	Temperature logger introduced by GSA19 in 2013
CTD probe SBE 37	CD	

Note: In case a different system is used this should be communicated to the coordinator to get a code.

APPENDIX 4.2. AGGREGATED SCIENTIFIC SURVEY DATA

Appendix 4.2.1 Annual scientific survey ABUNDANCE by length.

Table ABUND. Annual scientific survey ABUNDANCE by length and sex of pelagic and demersal species (ECOMED, PELMED, DEPM and all hydro-acoustic surveys, all bottom trawl surveys) in the Mediterranean and Black Sea

COUNTRY (this should be given according to the code list provided in Appendix 1.1)
YEAR (this should be given in a four digits integer, e.g.: 2014)
START_DAY (integer number, indicating the starting day of the survey, e.g.: 01 to 31)
END_DAY (integer number, indicating the ending day of the survey, e.g.: 01 to 31).
START_MONTH (integer number, indicating the starting month of the survey, e.g.: 01 to 12)
END_MONTH (integer number, indicating the end month of the survey, e.g.: 01 to 12).
AREA (GFCM GSA, e.g. GSA 1, given in Appendix 1.6)
NAME_OF_SURVEY (free text string 10 characters, ECOMED, PELMED, DEPM, or any other)
SPECIES (the species should be given according to the code list provided in the last column of Appendix 1.7 where applicable)
SEX (female=F, male=M, unidentified=U, combined=C)
UNIT (unit of length classes, mm=millimetre, cm=centimetre)
LENGTHCLASS0 (number in thousands, maximum precision admitted 5 digits after the point)
LENGTHCLASS1 (number in thousands, maximum precision admitted 5 digits after the point)
LENGTHCLASS2 (number in thousands, maximum precision admitted 5 digits after the point)
LENGTHCLASS3 (number in thousands, maximum precision admitted 5 digits after the point)
LENGTHCLASS4 (number in thousands, maximum precision admitted 5 digits after the point)
LENGTHCLASS5 (number in thousands, maximum precision admitted 5 digits after the point)
LENGTHCLASS6 (number in thousands, maximum precision admitted 5 digits after the point)
LENGTHCLASS7 (number in thousands, maximum precision admitted 5 digits after the point)
LENGTHCLASS8 (number in thousands, maximum precision admitted 5 digits after the point)
LENGTHCLASS9 (number in thousands, maximum precision admitted 5 digits after the point)

LENGTHCLASS10 (number in thousands, maximum precision admitted 5 digits after the point)
LENGTHCLASS11 (number in thousands, maximum precision admitted 5 digits after the point)
LENGTHCLASS12 (number in thousands, maximum precision admitted 5 digits after the point)
LENGTHCLASS13 (number in thousands, maximum precision admitted 5 digits after the point)
LENGTHCLASS14 (number in thousands, maximum precision admitted 5 digits after the point)
LENGTHCLASS15 (number in thousands, maximum precision admitted 5 digits after the point)
LENGTHCLASS16 (number in thousands, maximum precision admitted 5 digits after the point)
LENGTHCLASS17 (number in thousands, maximum precision admitted 5 digits after the point)
LENGTHCLASS18 (number in thousands, maximum precision admitted 5 digits after the point)
LENGTHCLASS19 (number in thousands, maximum precision admitted 5 digits after the point)
LENGTHCLASS20 (number in thousands, maximum precision admitted 5 digits after the point)
LENGTHCLASS21 (number in thousands, maximum precision admitted 5 digits after the point)
LENGTHCLASS22 (number in thousands, maximum precision admitted 5 digits after the point)
LENGTHCLASS23 (number in thousands, maximum precision admitted 5 digits after the point)
LENGTHCLASS24 (number in thousands, maximum precision admitted 5 digits after the point)
LENGTHCLASS25 (number in thousands, maximum precision admitted 5 digits after the point)
LENGTHCLASS26 (number in thousands, maximum precision admitted 5 digits after the point)
LENGTHCLASS27 (number in thousands, maximum precision admitted 5 digits after the point)
LENGTHCLASS28 (number in thousands, maximum precision admitted 5 digits after the point)
LENGTHCLASS29 (number in thousands, maximum precision admitted 5 digits after the point)
LENGTHCLASS30 (number in thousands, maximum precision admitted 5 digits after the point)
LENGTHCLASS31 (number in thousands, maximum precision admitted 5 digits after the point)
LENGTHCLASS32 (number in thousands, maximum precision admitted 5 digits after the point)

LENGTHCLASS33 (number in thousands, maximum precision admitted 5 digits after the point)
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LENGTHCLASS35 (number in thousands, maximum precision admitted 5 digits after the point)
LENGTHCLASS36 (number in thousands, maximum precision admitted 5 digits after the point)
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LENGTHCLASS46 (number in thousands, maximum precision admitted 5 digits after the point)
LENGTHCLASS47 (number in thousands, maximum precision admitted 5 digits after the point)
LENGTHCLASS48 (number in thousands, maximum precision admitted 5 digits after the point)
LENGTHCLASS49 (number in thousands, maximum precision admitted 5 digits after the point)
LENGTHCLASS50 (number in thousands, maximum precision admitted 5 digits after the point)
LENGTHCLASS51 (number in thousands, maximum precision admitted 5 digits after the point)
LENGTHCLASS52 (number in thousands, maximum precision admitted 5 digits after the point)
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LENGTHCLASS54 (number in thousands, maximum precision admitted 5 digits after the point)
LENGTHCLASS55 (number in thousands, maximum precision admitted 5 digits after the point)

LENGTHCLASS56 (number in thousands, maximum precision admitted 5 digits after the point)
LENGTHCLASS57 (number in thousands, maximum precision admitted 5 digits after the point)
LENGTHCLASS58 (number in thousands, maximum precision admitted 5 digits after the point)
LENGTHCLASS59 (number in thousands, maximum precision admitted 5 digits after the point)
LENGTHCLASS60 (number in thousands, maximum precision admitted 5 digits after the point)
LENGTHCLASS61 (number in thousands, maximum precision admitted 5 digits after the point)
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LENGTHCLASS63 (number in thousands, maximum precision admitted 5 digits after the point)
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LENGTHCLASS65 (number in thousands, maximum precision admitted 5 digits after the point)
LENGTHCLASS66 (number in thousands, maximum precision admitted 5 digits after the point)
LENGTHCLASS67 (number in thousands, maximum precision admitted 5 digits after the point)
LENGTHCLASS68 (number in thousands, maximum precision admitted 5 digits after the point)
LENGTHCLASS69 (number in thousands, maximum precision admitted 5 digits after the point)
LENGTHCLASS70 (number in thousands, maximum precision admitted 5 digits after the point)
LENGTHCLASS71 (number in thousands, maximum precision admitted 5 digits after the point)
LENGTHCLASS72 (number in thousands, maximum precision admitted 5 digits after the point)
LENGTHCLASS73 (number in thousands, maximum precision admitted 5 digits after the point)
LENGTHCLASS74 (number in thousands, maximum precision admitted 5 digits after the point)
LENGTHCLASS75 (number in thousands, maximum precision admitted 5 digits after the point)
LENGTHCLASS76 (number in thousands, maximum precision admitted 5 digits after the point)
LENGTHCLASS77 (number in thousands, maximum precision admitted 5 digits after the point)
LENGTHCLASS78 (number in thousands, maximum precision admitted 5 digits after the point)

LENGTHCLASS79 (number in thousands, maximum precision admitted 5 digits after the point)
LENGTHCLASS80 (number in thousands, maximum precision admitted 5 digits after the point)
LENGTHCLASS81 (number in thousands, maximum precision admitted 5 digits after the point)
LENGTHCLASS82 (number in thousands, maximum precision admitted 5 digits after the point)
LENGTHCLASS83 (number in thousands, maximum precision admitted 5 digits after the point)
LENGTHCLASS84 (number in thousands, maximum precision admitted 5 digits after the point)
LENGTHCLASS85 (number in thousands, maximum precision admitted 5 digits after the point)
LENGTHCLASS86 (number in thousands, maximum precision admitted 5 digits after the point)
LENGTHCLASS87 (number in thousands, maximum precision admitted 5 digits after the point)
LENGTHCLASS88 (number in thousands, maximum precision admitted 5 digits after the point)
LENGTHCLASS89 (number in thousands, maximum precision admitted 5 digits after the point)
LENGTHCLASS90 (number in thousands, maximum precision admitted 5 digits after the point)
LENGTHCLASS91 (number in thousands, maximum precision admitted 5 digits after the point)
LENGTHCLASS92 (number in thousands, maximum precision admitted 5 digits after the point)
LENGTHCLASS93 (number in thousands, maximum precision admitted 5 digits after the point)
LENGTHCLASS94 (number in thousands, maximum precision admitted 5 digits after the point)
LENGTHCLASS95 (number in thousands, maximum precision admitted 5 digits after the point)
LENGTHCLASS96 (number in thousands, maximum precision admitted 5 digits after the point)
LENGTHCLASS97 (number in thousands, maximum precision admitted 5 digits after the point)
LENGTHCLASS98 (number in thousands, maximum precision admitted 5 digits after the point)
LENGTHCLASS99 (number in thousands, maximum precision admitted 5 digits after the point)
LENGTHCLASS100_PLUS (number in thousands, maximum precision admitted 5 digits after the point)

Appendix 4.2.2 Annual scientific survey BIOMASS by length.

Table BIOMASS. Annual scientific survey BIOMASS by length and sex of pelagic and demersal species (ECOMED, MED, DEPM and all hydro-acoustic surveys, all bottom trawl surveys) in the Mediterranean and Black Sea

1. COUNTRY (this should be given according to the code list provided in Appendix
1. YEAR (this should be given in a four digits integer, e.g.: 2014)
2. START_DAY (integer number, indicating the starting day of the survey, e.g.: 01 to 31)
3. END_DAY (integer number, indicating the ending day of the survey, e.g.: 01 to 31).
4. START_MONTH (integer number, indicating the starting month of the survey, e.g.: 01 to 12)
5. END_MONTH (integer number, indicating the end month of the survey, e.g.: 01 to 12).
6. AREA (GFCM GSA, e.g. GSA 1, given in Appendix 1.6)
7. NAME_OF_SURVEY (free text string 10 characters, ECOMED, PELMED, DEPM, any other)
8. SPECIES (the species should be given according to the code list provided in the column of Appendix 1.7 where applicable)
9. SEX (female=F, male=M, unidentified=U, combined=C)
10. UNIT (unit of length classes, mm=millimetre, cm=centimetre)
11. LENGTHCLASS0 (number in tonnes maximum precision admitted 5 digits after the point)
12. LENGTHCLASS1 (number in tonnes maximum precision admitted 5 digits after the point)
13. LENGTHCLASS2 (number in tonnes maximum precision admitted 5 digits after the point)
14. LENGTHCLASS3 (number in tonnes maximum precision admitted 5 digits after the point)
15. LENGTHCLASS4 (number in tonnes maximum precision admitted 5 digits after the point)
16. LENGTHCLASS5 (number in tonnes maximum precision admitted 5 digits after the point)
17. LENGTHCLASS6 (number in tonnes maximum precision admitted 5 digits after the point)
18. LENGTHCLASS7 (number in tonnes maximum precision admitted 5 digits after the point)
19. LENGTHCLASS8 (number in tonnes maximum precision admitted 5 digits after the point)
20. LENGTHCLASS9 (number in tonnes maximum precision admitted 5 digits after the point)
21. LENGTHCLASS10 (number in tonnes maximum precision admitted 5 digits after the point)

22. LENGTHCLASS11 (number in tonnes maximum precision admitted 5 digits after the point)
23. LENGTHCLASS12 (number in tonnes maximum precision admitted 5 digits after the point)
24. LENGTHCLASS13 (number in tonnes maximum precision admitted 5 digits after the point)
25. LENGTHCLASS14 (number in tonnes maximum precision admitted 5 digits after the point)
26. LENGTHCLASS15 (number in tonnes maximum precision admitted 5 digits after the point)
27. LENGTHCLASS16 (number in tonnes maximum precision admitted 5 digits after the point)
28. LENGTHCLASS17 (number in tonnes maximum precision admitted 5 digits after the point)
29. LENGTHCLASS18 (number in tonnes maximum precision admitted 5 digits after the point)
30. LENGTHCLASS19 (number in tonnes maximum precision admitted 5 digits after the point)
31. LENGTHCLASS20 (number in tonnes maximum precision admitted 5 digits after the point)
32. LENGTHCLASS21 (number in tonnes maximum precision admitted 5 digits after the point)
33. LENGTHCLASS22 (number in tonnes maximum precision admitted 5 digits after the point)
34. LENGTHCLASS23 (number in tonnes maximum precision admitted 5 digits after the point)
35. LENGTHCLASS24 (number in tonnes maximum precision admitted 5 digits after the point)
36. LENGTHCLASS25 (number in tonnes maximum precision admitted 5 digits after the point)
37. LENGTHCLASS26 (number in tonnes maximum precision admitted 5 digits after the point)
38. LENGTHCLASS27 (number in tonnes maximum precision admitted 5 digits after the point)
39. LENGTHCLASS28 (number in tonnes maximum precision admitted 5 digits after the point)
40. LENGTHCLASS29 (number in tonnes maximum precision admitted 5 digits after the point)
41. LENGTHCLASS30 (number in tonnes maximum precision admitted 5 digits after the point)
42. LENGTHCLASS31 (number in tonnes maximum precision admitted 5 digits after the point)
43. LENGTHCLASS32 (number in tonnes maximum precision admitted 5 digits after the point)
44. LENGTHCLASS33 (number in tonnes maximum precision admitted 5 digits after the point)

45. LENGTHCLASS34 (number in tonnes maximum precision admitted 5 digits after the point)
46. LENGTHCLASS35 (number in tonnes maximum precision admitted 5 digits after the point)
47. LENGTHCLASS36 (number in tonnes maximum precision admitted 5 digits after the point)
48. LENGTHCLASS37 (number in tonnes maximum precision admitted 5 digits after the point)
49. LENGTHCLASS38 (number in tonnes maximum precision admitted 5 digits after the point)
50. LENGTHCLASS39 (number in tonnes maximum precision admitted 5 digits after the point)
51. LENGTHCLASS40 (number in tonnes maximum precision admitted 5 digits after the point)
52. LENGTHCLASS41 (number in tonnes maximum precision admitted 5 digits after the point)
53. LENGTHCLASS42 (number in tonnes maximum precision admitted 5 digits after the point)
54. LENGTHCLASS43 (number in tonnes maximum precision admitted 5 digits after the point)
55. LENGTHCLASS44 (number in tonnes maximum precision admitted 5 digits after the point)
56. LENGTHCLASS45 (number in tonnes maximum precision admitted 5 digits after the point)
57. LENGTHCLASS46 (number in tonnes maximum precision admitted 5 digits after the point)
58. LENGTHCLASS47 (number in tonnes maximum precision admitted 5 digits after the point)
59. LENGTHCLASS48 (number in tonnes maximum precision admitted 5 digits after the point)
60. LENGTHCLASS49 (number in tonnes maximum precision admitted 5 digits after the point)
61. LENGTHCLASS50 (number in tonnes maximum precision admitted 5 digits after the point)
62. LENGTHCLASS51 (number in tonnes maximum precision admitted 5 digits after the point)
63. LENGTHCLASS52 (number in tonnes maximum precision admitted 5 digits after the point)
64. LENGTHCLASS53 (number in tonnes maximum precision admitted 5 digits after the point)
65. LENGTHCLASS54 (number in tonnes maximum precision admitted 5 digits after the point)
66. LENGTHCLASS55 (number in tonnes maximum precision admitted 5 digits after the point)
67. LENGTHCLASS56 (number in tonnes maximum precision admitted 5 digits after the point)

68. LENGTHCLASS57 (number in tonnes maximum precision admitted 5 digits after the point)
69. LENGTHCLASS58 (number in tonnes maximum precision admitted 5 digits after the point)
70. LENGTHCLASS59 (number in tonnes maximum precision admitted 5 digits after the point)
71. LENGTHCLASS60 (number in tonnes maximum precision admitted 5 digits after the point)
72. LENGTHCLASS61 (number in tonnes maximum precision admitted 5 digits after the point)
73. LENGTHCLASS62 (number in tonnes maximum precision admitted 5 digits after the point)
74. LENGTHCLASS63 (number in tonnes maximum precision admitted 5 digits after the point)
75. LENGTHCLASS64 (number in tonnes maximum precision admitted 5 digits after the point)
76. LENGTHCLASS65 (number in tonnes maximum precision admitted 5 digits after the point)
77. LENGTHCLASS66 (number in tonnes maximum precision admitted 5 digits after the point)
78. LENGTHCLASS67 (number in tonnes maximum precision admitted 5 digits after the point)
79. LENGTHCLASS68 (number in tonnes maximum precision admitted 5 digits after the point)
80. LENGTHCLASS69 (number in tonnes maximum precision admitted 5 digits after the point)
81. LENGTHCLASS70 (number in tonnes maximum precision admitted 5 digits after the point)
82. LENGTHCLASS71 (number in tonnes maximum precision admitted 5 digits after the point)
83. LENGTHCLASS72 (number in tonnes maximum precision admitted 5 digits after the point)
84. LENGTHCLASS73 (number in tonnes maximum precision admitted 5 digits after the point)
85. LENGTHCLASS74 (number in tonnes maximum precision admitted 5 digits after the point)
86. LENGTHCLASS75 (number in tonnes maximum precision admitted 5 digits after the point)
87. LENGTHCLASS76 (number in tonnes maximum precision admitted 5 digits after the point)
88. LENGTHCLASS77 (number in tonnes maximum precision admitted 5 digits after the point)
89. LENGTHCLASS78 (number in tonnes maximum precision admitted 5 digits after the point)
90. LENGTHCLASS79 (number in tonnes maximum precision admitted 5 digits after the point)

91. LENGTHCLASS80 (number in tonnes maximum precision admitted 5 digits after the point)
92. LENGTHCLASS81 (number in tonnes maximum precision admitted 5 digits after the point)
93. LENGTHCLASS82 (number in tonnes maximum precision admitted 5 digits after the point)
94. LENGTHCLASS83 (number in tonnes maximum precision admitted 5 digits after the point)
95. LENGTHCLASS84 (number in tonnes maximum precision admitted 5 digits after the point)
96. LENGTHCLASS85 (number in tonnes maximum precision admitted 5 digits after the point)
97. LENGTHCLASS86 (number in tonnes maximum precision admitted 5 digits after the point)
98. LENGTHCLASS87 (number in tonnes maximum precision admitted 5 digits after the point)
99. LENGTHCLASS88 (number in tonnes maximum precision admitted 5 digits after the point)
100. LENGTHCLASS89 (number in tonnes maximum precision admitted 5 digits after the point)
101. LENGTHCLASS90 (number in tonnes maximum precision admitted 5 digits after the point)
102. LENGTHCLASS91 (number in tonnes maximum precision admitted 5 digits after the point)
103. LENGTHCLASS92 (number in tonnes maximum precision admitted 5 digits after the point)
104. LENGTHCLASS93 (number in tonnes maximum precision admitted 5 digits after the point)
105. LENGTHCLASS94 (number in tonnes maximum precision admitted 5 digits after the point)
106. LENGTHCLASS95 (number in tonnes maximum precision admitted 5 digits after the point)
107. LENGTHCLASS96 (number in tonnes maximum precision admitted 5 digits after the point)
108. LENGTHCLASS97 (number in tonnes maximum precision admitted 5 digits after the point)
109. LENGTHCLASS98 (number in tonnes maximum precision admitted 5 digits after the point)
110. LENGTHCLASS99 (number in tonnes maximum precision admitted 5 digits after the point)
111. LENGTHCLASS100_PLUS (number in tonnes maximum precision admitted 5 digits after the point)

Appendix 4.2.3 Annual scientific survey ABUNDANCE and BIOMASS by age and sex.

Table ABUND_BIOM. Annual scientific survey ABUNDANCE and BIOMASS by age and sex of pelagic and demersal species (ECOMED, PELMED, DEPM and all hydro-acoustic surveys, all bottom trawl surveys) in the Mediterranean and Black Sea

1. COUNTRY (this should be given according to the code list provided in Appendix 1.1)
1. YEAR (this should be given in a four digits integer, e.g.: 2014)
2. START_DAY (integer number, indicating the starting day of the survey, e.g.: 01 to 31)
3. END_DAY (integer number, indicating the ending day of the survey, e.g.: 01 to 31).
4. START_MONTH (integer number, indicating the starting month of the survey, e.g.: 01 to 12)
5. END_MONTH (integer number, indicating the end month of the survey, e.g.: 01 to 12).
6. AREA (GFCM GSA, e.g. GSA 1, given in Appendix 1.6)
7. NAME_OF_SURVEY (free text string 10 characters, ECOMED, PELMED, DEPM, or any other)
8. SPECIES (the species should be given according to the code list provided in the last column of Appendix 1.7 where applicable)
9. SEX (female=F, male=M, unidentified=U, combined=C)
10. AGEGROUP0ABUND (number in thousands, maximum precision admitted 5 digits after the point)
11. AGEGROUP0BIOM (number in tonnes maximum precision admitted 5 digits after the point)
12. AGEGROUP1ABUND (number in thousands, maximum precision admitted 5 digits after the point)
13. AGEGROUP1BIOM (number in tonnes maximum precision admitted 5 digits after the point)
14. AGEGROUP2ABUND (number in thousands, maximum precision admitted 5 digits after the point)
15. AGEGROUP2BIOM (number in tonnes maximum precision admitted 5 digits after the point)
16. AGEGROUP3ABUND (number in thousands, maximum precision admitted 5 digits after the point)
17. AGEGROUP3BIOM (number in tonnes maximum precision admitted 5 digits after the point)
18. AGEGROUP4ABUND (number in thousands, maximum precision admitted 5 digits after the point)
19. AGEGROUP4BIOM (number in tonnes maximum precision admitted 5 digits after the point)
20. AGEGROUP5ABUND (number in thousands, maximum precision admitted 5 digits after the point)

21. AGEGROUP5BIOM (number in tonnes maximum precision admitted 5 digits after the point)
22. AGEGROUP6ABUND (number in thousands, maximum precision admitted 5 digits after the point)
23. AGEGROUP6BIOM (number in tonnes maximum precision admitted 5 digits after the point)
24. AGEGROUP7ABUND (number in thousands, maximum precision admitted 5 digits after the point)
25. AGEGROUP7BIOM (number in tonnes maximum precision admitted 5 digits after the point)
26. AGEGROUP8ABUND (number in thousands, maximum precision admitted 5 digits after the point)
27. AGEGROUP8BIOM (number in tonnes maximum precision admitted 5 digits after the point)
28. AGEGROUP9ABUND (number in thousands, maximum precision admitted 5 digits after the point)
29. AGEGROUP9BIOM (number in tonnes maximum precision admitted 5 digits after the point)
30. AGEGROUP10ABUND (number in thousands, maximum precision admitted 5 digits after the point)
31. AGEGROUP10BIOM (number in tonnes maximum precision admitted 5 digits after the point)
32. AGEGROUP11ABUND (number in thousands, maximum precision admitted 5 digits after the point)
33. AGEGROUP11BIOM (number in tonnes maximum precision admitted 5 digits after the point)
34. AGEGROUP12ABUND (number in thousands, maximum precision admitted 5 digits after the point)
35. AGEGROUP12BIOM (number in tonnes maximum precision admitted 5 digits after the point)
36. AGEGROUP13ABUND (number in thousands, maximum precision admitted 5 digits after the point)
37. AGEGROUP13BIOM (number in tonnes maximum precision admitted 5 digits after the point)
38. AGEGROUP14ABUND (number in thousands, maximum precision admitted 5 digits after the point)
39. AGEGROUP14BIOM (number in tonnes maximum precision admitted 5 digits after the point)
40. AGEGROUP15ABUND (number in thousands, maximum precision admitted 5 digits after the point)
41. AGEGROUP15BIOM (number in tonnes maximum precision admitted 5 digits after the point)
42. AGEGROUP16ABUND (number in thousands, maximum precision admitted 5 digits after the point)
43. AGEGROUP16BIOM (number in tonnes maximum precision admitted 5 digits after the point)

44. AGEGROUP17ABUND (number in thousands, maximum precision admitted 5 digits after the point)
45. AGEGROUP17BIOM (number in tonnes maximum precision admitted 5 digits after the point)
46. AGEGROUP18ABUND (number in thousands, maximum precision admitted 5 digits after the point)
47. AGEGROUP18BIOM (number in tonnes maximum precision admitted 5 digits after the point)
48. AGEGROUP19ABUND (number in thousands, maximum precision admitted 5 digits after the point)
49. AGEGROUP19BIOM (number in tonnes maximum precision admitted 5 digits after the point)
50. AGEGROUP20_PLUSABUND (number in thousands, maximum precision admitted 5 digits after the point)
51. AGEGROUP20_PLUSBIOM (number in tonnes maximum precision admitted 5 digits after the point)