

ANNEX 1

Data call for the STECF Expert Working Groups on Mediterranean and Black Sea in 2019

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 coding¹

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	-1

¹ Commission Decision of [12 July 2016 \(2016/1251/EU\)](#) : Adopting a multiannual Union programme for the collection, management and use of data in the fisheries and aquaculture sectors for the period 2017-2019 (notified under document C(2016) 4329).

² While not applicable/available is a permitted field, MS should try to their maximum capacity to report Vessel Lengths 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	-1

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	-1

Appendix 1.5 Fishery

FISHERY	CODE
Anadromous species	ANA
Only for these species Bluefin tuna	BFTE
Catadromous species	CAT
Cephalopods	CEP
Crustaceans	CRU
Demersal fish	DEF
Demersal species	DEMSP
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
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	-1

Appendix 1.6 GFCM Area codification for fishery data³

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 codification

Scientific name	Common name	SPECIES
<i>Anquilla anquilla</i>	European eel	ELE
<i>Aristaeomorpha foliacea</i>	Giant red shrimp	ARS ^(c)
<i>Aristeus antennatus</i>	Blue and red shrimp	ARA ^(c)
<i>Aspitrigala cuculus</i>	Red gurnard	GUR ^(c)
<i>Boops boops</i>	Bogue	BOG ^(c)
<i>Chamelea gallina</i>	Striped venus	SVE ^(d)
<i>Citharus linguatula</i>	Spotted flounder	CIL ^(c)
<i>Corallium rubrum</i>	Sardinia coral	COL
<i>Corvphaena hippurus</i>	Common dolphinfish	DOL ^(d)
<i>Dicentrarchus labrax</i>	Sea bass	BSS ^(a)
<i>Diplodus spp.</i>	Sargo breams	SRG ^(a,c)
<i>Eledone cirrhosa</i>	Horned octopus	EOI ^(c)
<i>Eledone moschata</i>	Muskv octopus	EDT ^(a,c)
<i>Eledone spp.</i>	Eledone species	OCM ^(c)
<i>Engraulis encrasicolus</i>	Anchovy	ANE ^(a,b,c)
<i>Eutrigla gurnardus</i>	Grey gurnard	GUG ^(c)
<i>Galeus melastomus</i>	Blackmouth catshark	SHO ^(c)
<i>Helicolenus</i>	Rockfish	BRF ^(c)
<i>Illex coindetii</i>	Broadtail squid	SQM ^(c)
<i>Lepidorhombus boschii</i>	Four-spotted megrim	LDB ^(c)
<i>Loligo vulgaris</i>	European squid	SQR ^(c)
<i>Lophius budegassa</i>	Black-bellied angler	ANK ^(c)
<i>Lophius piscatorius</i>	Anglerfish	MON ^(c)
<i>Merlangius merlangus</i>	Whiting	WHG ^(b)
<i>Merluccius merluccius</i>	European hake	HKE ^(a,c)
<i>Micromesistius</i>	Blue whiting	WHB ^(c)
<i>Muqilidae</i>	Grey mullets	MUL
<i>Mullus barbatus</i>	Red mullet	MUT ^(a,b,c)
<i>Mullus surmuletus</i>	Striped red mullet	MUR ^(a,b,c)
<i>Nephrops norvegicus</i>	Norway lobster	NEP ^(a,c)
<i>Octopus vulgaris</i>	Common octopus	OCC ^(c)
<i>Pagellus acarne</i>	Axillary seabream	SBA ^(a,c)
<i>Pagellus bogaraveo</i>	Blackspot seabream	SBR ^(a,c)
<i>Pagellus erythrinus</i>	Common Pandora	PAC ^(a,c)
<i>Paarus paarus</i>	Red porgy	RPG ^(d)
<i>Parapenaeus longirostris</i>	Deep water rose shrimp	DPS ^(a,c)
<i>Penaeus kerathurus</i>	Caramote prawn	TGS ^(c)
<i>Phycis blennoides</i>	Greater forkbeard	GFB ^(c)
<i>Psetta maxima</i>	Turbot	TUR ^(b)
<i>Raja asterias</i>	Mediterranean starry	JRS ^(c)
<i>Raja clavata</i>	Thomback ray	RJC ^(c)
<i>Rapana venosa</i>	Veined rapa whelk	RPW ^(b)
<i>Sardina pilchardus</i>	Sardine	PIL ^(a,c)
<i>Sarda sarda</i>	Atlantic Bonito	BON ^(b)
<i>Sardinella aurita</i>	Round sardinella	SAA ^(d)
<i>Scomber japonicus</i>	Chub mackerel	MAS ^(c)
<i>Scomber spp.</i>	Mackerel	MAZ ^(a,c)
<i>Scorpaena scrofa</i>	Red scorpionfish	RSE ^(d)
<i>Scyliorhinus canicula</i>	Small-spotted catshark	SYC ^(c)
<i>Sepia officinalis</i>	Common cuttlefish	CTC ^(c)

<i>Solea solea</i>	Common sole	SOL ^(a,c)
<i>Sparus aurata</i>	Gilthead seabream	SBG ^(a,c)
<i>Spicara maena</i>	Blotched picarel	BPI ^(c)
<i>Spicara smaris</i>	Picarei	SPC ^(c)
<i>Sprattus sprattus</i>	Sprat	SPR ^(b)
<i>Squalus acanthias</i>	Piked dogfish	DGS ^(b,c)
<i>Squilla mantis</i>	Spottail mantis squillids	MTS ^(c)
<i>Trachurus</i>	Mediterranean horse	HMM ^(b,c)
<i>Trachurus trachurus</i>	Horse mackerel	HOM ^(c)
<i>Trachurus spp.</i>	Jack and horse	JAX ^(a)
<i>Chelidonichthys lucerna</i> (<i>Trigla lucerna</i>)	Tub gurnard	GUU ^(c)
<i>Tripterygion lastoviza</i>	Streaked gurnard	CTZ ^(c)
<i>Trisopterus minutus</i>	Poor cod	POD ^(c)
<i>Zeus faber</i>	John Dory	JOD ^(c)

^(a) Are requested as important under the Mediterranean regulation (Annex III of Council Regulation (EC) No 1967/2006).

^(b) Are 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 v7 2013).

^(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 centimetre. For crustaceans the cephalo-thoracic length at the lower millimetre should be provided, while for cephalopods, the dorsal mantle length at the lower centimetre should be provided.

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. We ask you to provide these data for all the métier even if they were not selected by ranking system. In this way a better comparison with transversal and economic data in term of landing weight and as well as an improvement in the stock assessment catches input data will be achieved.

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 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, “-1” if not applicable
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, “-1” if not applicable)
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), “-1” if not estimated
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, precision 3 digits after the comma); “-1” if not estimated
27. AGE_0_MEAN_WEIGHT_LANDED (kg, precision in gram=3 digits after the comma); “-1” if not estimated
28. AGE_0_MEAN_LENGTH_LANDED (cm, precision in mm=1 digits after the comma); “-1” if not estimated
29. AGE_0_NO_DISCARD (thousands); “-1” if not estimated
30. AGE_0_MEAN_WEIGHT_DISCARD (kg, precision in gram=3 digits after the comma); “-1” if not estimated
31. AGE_0_MEAN_LENGTH_DISCARD (cm, precision in mm=1 digits after the comma); “-1” if not estimated
32. AGE_1 (years) = 1
33. AGE_1_NO_LANDED (thousands); “-1” if not estimated

34. AGE_1_MEAN_WEIGHT_LANDED (kg, precision in gram=3 digits after the comma); "-1" if not estimated
35. AGE_1_MEAN_LENGTH_LANDED (cm, precision in mm=1 digits after the comma); "-1" if not estimated
36. AGE_1_NO_DISCARD (thousands); "-1" if not estimated
37. AGE_1_MEAN_WEIGHT_DISCARD (kg, precision in gram=3 digits after the comma); "-1" if not estimated
38. AGE_1_MEAN_LENGTH_DISCARD (cm, precision in mm=1 digits after the comma); "-1" if not estimated
39. AGE_2 (years) = 2
40. AGE_2_NO_LANDED (thousands); "-1" if not estimated
41. AGE_2_MEAN_WEIGHT_LANDED (kg, precision in gram=3 digits after the comma); "-1" if not estimated
42. AGE_2_MEAN_LENGTH_LANDED (cm, precision in mm=1 digits after the comma); "-1" if not estimated
43. AGE_2_NO_DISCARD (thousands); "-1" if not estimated
44. AGE_2_MEAN_WEIGHT_DISCARD (kg, precision in gram=3 digits after the comma); "-1" if not estimated
45. AGE_2_MEAN_LENGTH_DISCARD (cm, precision in mm=1 digits after the comma); "-1" if not estimated
46. AGE_3 (years) = 3
47. AGE_3_NO_LANDED (thousands); "-1" if not estimated
48. AGE_3_MEAN_WEIGHT_LANDED (kg, precision in gram=3 digits after the comma); "-1" if not estimated
49. AGE_3_MEAN_LENGTH_LANDED (cm, precision in mm=1 digits after the comma); "-1" if not estimated
50. AGE_3_NO_DISCARD (thousands); "-1" if not estimated
51. AGE_3_MEAN_WEIGHT_DISCARD (kg, precision in gram=3 digits after the comma); "-1" if not estimated
52. AGE_3_MEAN_LENGTH_DISCARD (cm, precision in mm=1 digits after the comma); "-1" if not estimated
53. AGE_4 (years) = 4
54. AGE_4_NO_LANDED (thousands); "-1" if not estimated
55. AGE_4_MEAN_WEIGHT_LANDED (kg, precision in gram=3 digits after the comma); "-1" if not estimated
56. AGE_4_MEAN_LENGTH_LANDED (cm, precision in mm=1 digits after the comma); "-1" if not estimated
57. AGE_4_NO_DISCARD (thousands); "-1" if not estimated
58. AGE_4_MEAN_WEIGHT_DISCARD (kg, precision in gram=3 digits after the comma); "-1" if not estimated
59. AGE_4_MEAN_LENGTH_DISCARD (cm, precision in mm=1 digits after the comma); "-1" if not estimated
60. AGE_5 (years) = 5
61. AGE_5_NO_LANDED (thousands); "-1" if not estimated
62. AGE_5_MEAN_WEIGHT_LANDED (kg, precision in gram=3 digits after the comma); "-1" if not estimated

63. AGE_5_MEAN_LENGTH_LANDED (cm, precision in mm=1 digits after the comma); "-1" if not estimated
64. AGE_5_NO_DISCARD (thousands); "-1" if not estimated
65. AGE_5_MEAN_WEIGHT_DISCARD (kg, precision in gram=3 digits after the comma); "-1" if not estimated
66. AGE_5_MEAN_LENGTH_DISCARD (cm, precision in mm=1 digits after the comma); "-1" if not estimated
67. AGE_6 (years) = 6
68. AGE_6_NO_LANDED (thousands); "-1" if not estimated
69. AGE_6_MEAN_WEIGHT_LANDED (kg, precision in gram=3 digits after the comma); "-1" if not estimated
70. AGE_6_MEAN_LENGTH_LANDED (cm, precision in mm=1 digits after the comma); "-1" if not estimated
71. AGE_6_NO_DISCARD (thousands); "-1" if not estimated
72. AGE_6_MEAN_WEIGHT_DISCARD (kg, precision in gram=3 digits after the comma); "-1" if not estimated
73. AGE_6_MEAN_LENGTH_DISCARD (cm, precision in mm=1 digits after the comma); "-1" if not estimated
74. AGE_7 (years) = 7
75. AGE_7_NO_LANDED (thousands)
76. AGE_7_MEAN_WEIGHT_LANDED (kg, precision in gram=3 digits after the comma); "-1" if not estimated
77. AGE_7_MEAN_LENGTH_LANDED (cm, precision in mm=1 digits after the comma); "-1" if not estimated
78. AGE_7_NO_DISCARD (thousands); "-1" if not estimated
79. AGE_7_MEAN_WEIGHT_DISCARD (kg, precision in gram=3 digits after the comma); "-1" if not estimated
80. AGE_7_MEAN_LENGTH_DISCARD (cm, precision in mm=1 digits after the comma); "-1" if not estimated
81. AGE_8 (years) = 8
82. AGE_8_NO_LANDED (thousands); "-1" if not estimated
83. AGE_8_MEAN_WEIGHT_LANDED (kg, precision in gram=3 digits after the comma); "-1" if not estimated
84. AGE_8_MEAN_LENGTH_LANDED (cm, precision in mm=1 digits after the comma); "-1" if not estimated
85. AGE_8_NO_DISCARD (thousands); "-1" if not estimated
86. AGE_8_MEAN_WEIGHT_DISCARD (kg, precision in gram=3 digits after the comma); "-1" if not estimated
87. AGE_8_MEAN_LENGTH_DISCARD (cm, precision in mm=1 digits after the comma); "-1" if not estimated
88. AGE_9 (years) = 9
89. AGE_9_NO_LANDED (thousands); "-1" if not estimated
90. AGE_9_MEAN_WEIGHT_LANDED (kg, precision in gram=3 digits after the comma); "-1" if not estimated
91. AGE_9_MEAN_LENGTH_LANDED (cm, precision in mm=1 digits after the comma); "-1" if not estimated

92. AGE_9_NO_DISCARD (thousands); "-1" if not estimated
93. AGE_9_MEAN_WEIGHT_DISCARD (kg, precision in gram=3 digits after the comma); "-1" if not estimated
94. AGE_9_MEAN_LENGTH_DISCARD (cm, precision in mm=1 digits after the comma); "-1" if not estimated
95. AGE_10 (years) = 10
96. AGE_10_NO_LANDED (thousands); "-1" if not estimated
97. AGE_10_MEAN_WEIGHT_LANDED (kg, precision in gram=3 digits after the comma); "-1" if not estimated
98. AGE_10_MEAN_LENGTH_LANDED (cm, precision in mm=1 digits after the comma); "-1" if not estimated
99. AGE_10_NO_DISCARD (thousands); "-1" if not estimated
100. AGE_10_MEAN_WEIGHT_DISCARD (kg, precision in gram=3 digits after the comma); "-1" if not estimated
101. AGE_10_MEAN_LENGTH_DISCARD (cm, precision in mm=1 digits after the comma); "-1" if not estimated
102. AGE_11 (years) = 11
103. AGE_11_NO_LANDED (thousands); "-1" if not estimated
104. AGE_11_MEAN_WEIGHT_LANDED (kg, precision in gram=3 digits after the comma); "-1" if not estimated
105. AGE_11_MEAN_LENGTH_LANDED (cm, precision in mm=1 digits after the comma); "-1" if not estimated
106. AGE_11_NO_DISCARD (thousands); "-1" if not estimated
107. AGE_11_MEAN_WEIGHT_DISCARD (kg, precision in gram=3 digits after the comma); "-1" if not estimated
108. AGE_11_MEAN_LENGTH_DISCARD (cm, precision in mm=1 digits after the comma); "-1" if not estimated
109. AGE_12 (years) = 12
110. AGE_12_NO_LANDED (thousands); "-1" if not estimated
111. AGE_12_MEAN_WEIGHT_LANDED (kg, precision in gram=3 digits after the comma); "-1" if not estimated
112. AGE_12_MEAN_LENGTH_LANDED (cm, precision in mm=1 digits after the comma); "-1" if not estimated
113. AGE_12_NO_DISCARD (thousands); "-1" if not estimated
114. AGE_12_MEAN_WEIGHT_DISCARD (kg, precision in gram=3 digits after the comma); "-1" if not estimated
115. AGE_12_MEAN_LENGTH_DISCARD (cm, precision in mm=1 digits after the comma); "-1" if not estimated
116. AGE_13 (years) = 13
117. AGE_13_NO_LANDED (thousands); "-1" if not estimated
118. AGE_13_MEAN_WEIGHT_LANDED (kg, precision in gram=3 digits after the comma); "-1" if not estimated
119. AGE_13_MEAN_LENGTH_LANDED (cm, precision in mm=1 digits after the comma); "-1" if not estimated
120. AGE_13_NO_DISCARD (thousands); "-1" if not estimated

121. AGE_13_MEAN_WEIGHT_DISCARD (kg, precision in gram=3 digits after the comma); "-1" if not estimated
122. AGE_13_MEAN_LENGTH_DISCARD (cm, precision in mm=1 digits after the comma); "-1" if not estimated
123. AGE_14 (years) = 14
124. AGE_14_NO_LANDED (thousands); "-1" if not estimated
125. AGE_14_MEAN_WEIGHT_LANDED (kg, precision in gram=3 digits after the comma); "-1" if not estimated
126. AGE_14_MEAN_LENGTH_LANDED (cm, precision in mm=1 digits after the comma); "-1" if not estimated
127. AGE_14_NO_DISCARD (thousands); "-1" if not estimated
128. AGE_14_MEAN_WEIGHT_DISCARD (kg, precision in gram=3 digits after the comma); "-1" if not estimated
129. AGE_14_MEAN_LENGTH_DISCARD (cm, precision in mm=1 digits after the comma); "-1" if not estimated
130. AGE_15 (years) = 15
131. AGE_15_NO_LANDED (thousands); "-1" if not estimated
132. AGE_15_MEAN_WEIGHT_LANDED (kg, precision in gram=3 digits after the comma); "-1" if not estimated
133. AGE_15_MEAN_LENGTH_LANDED (cm, precision in mm=1 digits after the comma); "-1" if not estimated
134. AGE_15_NO_DISCARD (thousands); "-1" if not estimated
135. AGE_15_MEAN_WEIGHT_DISCARD (kg, precision in gram=3 digits after the comma); "-1" if not estimated
136. AGE_15_MEAN_LENGTH_DISCARD (cm, precision in mm=1 digits after the comma); "-1" if not estimated
137. AGE_16 (years) = 16
138. AGE_16_NO_LANDED (thousands); "-1" if not estimated
139. AGE_16_MEAN_WEIGHT_LANDED (kg, precision in gram=3 digits after the comma); "-1" if not estimated
140. AGE_16_MEAN_LENGTH_LANDED (cm, precision in mm=1 digits after the comma); "-1" if not estimated
141. AGE_16_NO_DISCARD (thousands); "-1" if not estimated
142. AGE_16_MEAN_WEIGHT_DISCARD (kg, precision in gram=3 digits after the comma); "-1" if not estimated
143. AGE_16_MEAN_LENGTH_DISCARD (cm, precision in mm=1 digits after the comma); "-1" if not estimated
144. AGE_17 (years) = 17
145. AGE_17_NO_LANDED (thousands); "-1" if not estimated
146. AGE_17_MEAN_WEIGHT_LANDED (kg, precision in gram=3 digits after the comma); "-1" if not estimated
147. AGE_17_MEAN_LENGTH_LANDED (cm, precision in mm=1 digits after the comma); "-1" if not estimated
148. AGE_17_NO_DISCARD (thousands); "-1" if not estimated
149. AGE_17_MEAN_WEIGHT_DISCARD (kg, precision in gram=3 digits after the comma); "-1" if not estimated

150. AGE_17_MEAN_LENGTH_DISCARD (cm, precision in mm=1 digits after the comma); "-1" if not estimated
151. AGE_18 (years) = 18
152. AGE_18_NO_LANDED (thousands); "-1" if not estimated
153. AGE_18_MEAN_WEIGHT_LANDED (kg, precision in gram=3 digits after the comma); "-1" if not estimated
154. AGE_18_MEAN_LENGTH_LANDED (cm, precision in mm=1 digits after the comma); "-1" if not estimated
155. AGE_18_NO_DISCARD (thousands); "-1" if not estimated
156. AGE_18_MEAN_WEIGHT_DISCARD (kg, precision in gram=3 digits after the comma); "-1" if not estimated
157. AGE_18_MEAN_LENGTH_DISCARD (cm, precision in mm=1 digits after the comma); "-1" if not estimated
158. AGE_19 (years) = 19
159. AGE_19_NO_LANDED (thousands); "-1" if not estimated
160. AGE_19_MEAN_WEIGHT_LANDED (kg, precision in gram=3 digits after the comma); "-1" if not estimated
161. AGE_19_MEAN_LENGTH_LANDED (cm, precision in mm=1 digits after the comma); "-1" if not estimated
162. AGE_19_NO_DISCARD (thousands); "-1" if not estimated
163. AGE_19_MEAN_WEIGHT_DISCARD (kg, precision in gram=3 digits after the comma); "-1" if not estimated
164. AGE_19_MEAN_LENGTH_DISCARD (cm, precision in mm=1 digits after the comma); "-1" if not estimated
165. AGE_20_PLUS (years) = any fish of age equal or higher than 20
166. AGE_20_PLUS_NO_LANDED (thousands); "-1" if not estimated
167. AGE_20_PLUS_MEAN_WEIGHT_LANDED (kg, precision in gram=3 digits after the comma); "-1" if not estimated
168. AGE_20_PLUS_MEAN_LENGTH_LANDED (cm, precision in mm=1 digits after the comma); "-1" if not estimated
169. AGE_20_PLUS_NO_DISCARD (thousands); "-1" if not estimated
170. AGE_20_PLUS_MEAN_WEIGHT_DISCARD (kg, precision in gram=3 digits after the comma); "-1" if not estimated
171. AGE_20_PLUS_MEAN_LENGTH_DISCARD (cm, precision in mm=1 digits after the comma); "-1" if not estimated

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; “-1” if not applicable
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, “-1” if not applicable)
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, precision 3 digit after the comma)
15. LENGTHCLASS1 (numbers in thousands, precision 3 digit after the comma)
16. LENGTHCLASS2 (numbers in thousands, precision 3 digit after the comma)
17. LENGTHCLASS3 (numbers in thousands, precision 3 digit after the comma)
18. LENGTHCLASS4 (numbers in thousands, precision 3 digit after the comma)
19. LENGTHCLASS5 (numbers in thousands, precision 3 digit after the comma)
20. LENGTHCLASS6 (numbers in thousands, precision 3 digit after the comma)
21. LENGTHCLASS7 (numbers in thousands, precision 3 digit after the comma)
22. LENGTHCLASS8 (numbers in thousands, precision 3 digit after the comma)
23. LENGTHCLASS9 (numbers in thousands, precision 3 digit after the comma)
24. LENGTHCLASS10 (numbers in thousands, precision 3 digit after the comma)
25. LENGTHCLASS11 (numbers in thousands, precision 3 digit after the comma)
26. LENGTHCLASS12 (numbers in thousands, precision 3 digit after the comma)
27. LENGTHCLASS13 (numbers in thousands, precision 3 digit after the comma)
28. LENGTHCLASS14 (numbers in thousands, precision 3 digit after the comma)
29. LENGTHCLASS15 (numbers in thousands, precision 3 digit after the comma)
30. LENGTHCLASS16 (numbers in thousands, precision 3 digit after the comma)

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; “-1” if not applicable
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, -1 if not applicable)
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, precision 3 digit after the comma)
15. LENGTHCLASS1 (numbers in thousands, precision 3 digit after the comma)
16. LENGTHCLASS2 (numbers in thousands, precision 3 digit after the comma)
17. LENGTHCLASS3 (numbers in thousands, precision 3 digit after the comma)
18. LENGTHCLASS4 (numbers in thousands, precision 3 digit after the comma)
19. LENGTHCLASS5 (numbers in thousands, precision 3 digit after the comma)
20. LENGTHCLASS6 (numbers in thousands, precision 3 digit after the comma)
21. LENGTHCLASS7 (numbers in thousands, precision 3 digit after the comma)
22. LENGTHCLASS8 (numbers in thousands, precision 3 digit after the comma)
23. LENGTHCLASS9 (numbers in thousands, precision 3 digit after the comma)
24. LENGTHCLASS10 (numbers in thousands, precision 3 digit after the comma)
25. LENGTHCLASS11 (numbers in thousands, precision 3 digit after the comma)
26. LENGTHCLASS12 (numbers in thousands, precision 3 digit after the comma)
27. LENGTHCLASS13 (numbers in thousands, precision 3 digit after the comma)
28. LENGTHCLASS14 (numbers in thousands, precision 3 digit after the comma)
29. LENGTHCLASS15 (numbers in thousands, precision 3 digit after the comma)
30. LENGTHCLASS16 (numbers in thousands, precision 3 digit after the comma)

Appendix 2.4 Fisheries effort data

Table D. Fishing effort data fully aggregated (sum) by ID.

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 after the comma), like 2016
4. QUARTER (this should be given as one digit), like 1, 2, 3, or 4; “-1” if not applicable
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, “-1” if not applicable)
11. NOMINAL_EFFORT (effort should be given in kWdays, i.e. engine power in kW times days at sea; if nominal effort is not available, “-1” should be given)
12. GT_DAYS_AT_SEA (effort should be given in gross tonnage * days at sea; if the number is not available, “-1” should be given)
13. NO_VESSELS (simple integer value of vessels, if the number is not available, “-1” should be given)
14. DAYS_AT_SEA (effort should be given in Days, i.e. any continuous period of 24 hours (or part thereof) during which a vessel is present within an area and absent from port (2008/949/EC); if days at sea is not available, “-1” should be given)
15. FISHING_DAYS (effort should be given in Days, i.e. each day is attributed to the area where the most fishing time was spent during the relevant day at sea. However, for passive gears, if no operation took place from the vessel during a day while at least one (passive) gear remained at sea, that day will be associated to the area where the last setting of a fishing gear was carried out on that fishing trip(2008/949/EC); if fishing days is not available, “-1” should be given)

APPENDIX 3. BIOLOGICAL DATA PARAMETERS

NOTE: Available data are requested for the full time series during 2002-2018.

The list of species for which biological data are available, may differ between Member States since such data are collected for a limited number of species on an annual or tri-annual basis according to the Appendix VII of the 2010/93/EC⁴ and the officially submitted National Programmes⁵. Since most of these parameters are collected annually, it should be advisable to submit data on an annual basis when 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 Appendix VII of the 2010/93/EC Commission Decision)
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 ($0 \leq$ number ≤ 1 ; indicates the Proportion of Mature individuals per length class; precision =3 digits after the decimal)
11. METHOD_USED (text string of maximum 250 chars; includes any relevant information e.g.: *Macroscopically by using Nikolsky scale; GLM. Logistic function.*)

⁴ Commission Decision of 18 December 2009 adopting a multiannual Community programme for the collection, management and use of data in the fisheries sector for the period 2011-2013 ([OJ L 41, 16.2.2010, p. 8](#))

⁵ Available at <https://datacollection.jrc.ec.europa.eu/nps>

*Binomial error; Bootstrapped precision estimates; 3 and 4-scale maturity ogive;
MEDITS protocol, Fontana scale etc.)*

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 Appendix VII of the 2010/93/EC Commission Decision)
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 ($0 \leq$ number ≤ 1 ; indicates the PRoportion of Mature individuals per age class; precision =3 digits after the decimal)
10. METHOD_USED (text string of maximum 250 chars; 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 Appendix VII of the 2010/93/EC Commission Decision)
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_TO (-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 = 8 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 = 3 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 the Appendix VII of the 2010/93/EC Commission Decision)
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 ($0 \leq$ 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 Appendix VII of the 2010/93/EC Commission Decision)
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 ($0 \leq$ 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)
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. SPECON (any derogation granted, text string of maximum 10 characters, -1 if not applicable)
6. 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 Plans)
7. SEX (female=F, male=M, combined=C)
8. 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)
9. TOTAL_NUMBER_OF_HARD_STRUCTURE_READ_BY_AGE (integer numeric. It is the sum of number reported by length classes in each age, -1 if not applicable)
10. CV (numeric, precision two decimal positions. Reported coefficient of variation, -1 if not applicable)
11. UNIT (unit of length classes, cm=centimetre)
12. AGE (integer number ≥ 0 in increasing order of age class; step interval = 1 year; e.g.: 0, 1, 2, 3, etc, -1 if not applicable)
13. LENGTHCLASS0 (integer number ≥ 0 , -1 if not applicable)
14. LENGTHCLASS1 (integer number ≥ 0 , -1 if not applicable)
15. LENGTHCLASS2 (integer number ≥ 0 , -1 if not applicable)
16. LENGTHCLASS3 (integer number ≥ 0 , -1 if not applicable)
17. LENGTHCLASS4 (integer number ≥ 0 , -1 if not applicable)
18. LENGTHCLASS5 (integer number ≥ 0 , -1 if not applicable)
19. LENGTHCLASS6 (integer number ≥ 0 , -1 if not applicable)
20. LENGTHCLASS7 (integer number ≥ 0 , -1 if not applicable)
21. LENGTHCLASS8 (integer number ≥ 0 , -1 if not applicable)

22. LENGTHCLASS9 (integer number ≥ 0 , -1 if not applicable)
23. LENGTHCLASS10 (integer number ≥ 0 , -1 if not applicable)
24. LENGTHCLASS11 (integer number ≥ 0 , -1 if not applicable)
25. LENGTHCLASS12 (integer number ≥ 0 , -1 if not applicable)
26. LENGTHCLASS13 (integer number ≥ 0 , -1 if not applicable)
27. LENGTHCLASS14 (integer number ≥ 0 , -1 if not applicable)
28. LENGTHCLASS15 (integer number ≥ 0 , -1 if not applicable)
29. LENGTHCLASS16 (integer number ≥ 0 , -1 if not applicable)
30. LENGTHCLASS17 (integer number ≥ 0 , -1 if not applicable)
31. LENGTHCLASS18 (integer number ≥ 0 , -1 if not applicable)
32. LENGTHCLASS19 (integer number ≥ 0 , -1 if not applicable)
33. LENGTHCLASS20 (integer number ≥ 0 , -1 if not applicable)
34. LENGTHCLASS21 (integer number ≥ 0 , -1 if not applicable)
35. LENGTHCLASS22 (integer number ≥ 0 , -1 if not applicable)
36. LENGTHCLASS23 (integer number ≥ 0 , -1 if not applicable)
37. LENGTHCLASS24 (integer number ≥ 0 , -1 if not applicable)
38. LENGTHCLASS25 (integer number ≥ 0 , -1 if not applicable)
39. LENGTHCLASS26 (integer number ≥ 0 , -1 if not applicable)
40. LENGTHCLASS27 (integer number ≥ 0 , -1 if not applicable)
41. LENGTHCLASS28 (integer number ≥ 0 , -1 if not applicable)
42. LENGTHCLASS29 (integer number ≥ 0 , -1 if not applicable)
43. LENGTHCLASS30 (integer number ≥ 0 , -1 if not applicable)
44. LENGTHCLASS31 (integer number ≥ 0 , -1 if not applicable)
45. LENGTHCLASS32 (integer number ≥ 0 , -1 if not applicable)
46. LENGTHCLASS33 (integer number ≥ 0 , -1 if not applicable)
47. LENGTHCLASS34 (integer number ≥ 0 , -1 if not applicable)
48. LENGTHCLASS35 (integer number ≥ 0 , -1 if not applicable)
49. LENGTHCLASS36 (integer number ≥ 0 , -1 if not applicable)
50. LENGTHCLASS37 (integer number ≥ 0 , -1 if not applicable)
51. LENGTHCLASS38 (integer number ≥ 0 , -1 if not applicable)
52. LENGTHCLASS39 (integer number ≥ 0 , -1 if not applicable)
53. LENGTHCLASS40 (integer number ≥ 0 , -1 if not applicable)
54. LENGTHCLASS41 (integer number ≥ 0 , -1 if not applicable)
55. LENGTHCLASS42 (integer number ≥ 0 , -1 if not applicable)
56. LENGTHCLASS43 (integer number ≥ 0 , -1 if not applicable)
57. LENGTHCLASS44 (integer number ≥ 0 , -1 if not applicable)
58. LENGTHCLASS45 (integer number ≥ 0 , -1 if not applicable)
59. LENGTHCLASS46 (integer number ≥ 0 , -1 if not applicable)
60. LENGTHCLASS47 (integer number ≥ 0 , -1 if not applicable)
61. LENGTHCLASS48 (integer number ≥ 0 , -1 if not applicable)
62. LENGTHCLASS49 (integer number ≥ 0 , -1 if not applicable)
63. LENGTHCLASS50 (integer number ≥ 0 , -1 if not applicable)

64. LENGTHCLASS51 (integer number ≥ 0 , -1 if not applicable)
65. LENGTHCLASS52 (integer number ≥ 0 , -1 if not applicable)
66. LENGTHCLASS53 (integer number ≥ 0 , -1 if not applicable)
67. LENGTHCLASS54 (integer number ≥ 0 , -1 if not applicable)
68. LENGTHCLASS55 (integer number ≥ 0 , -1 if not applicable)
69. LENGTHCLASS56 (integer number ≥ 0 , -1 if not applicable)
70. LENGTHCLASS57 (integer number ≥ 0 , -1 if not applicable)
71. LENGTHCLASS58 (integer number ≥ 0 , -1 if not applicable)
72. LENGTHCLASS59 (integer number ≥ 0 , -1 if not applicable)
73. LENGTHCLASS60 (integer number ≥ 0 , -1 if not applicable)
74. LENGTHCLASS61 (integer number ≥ 0 , -1 if not applicable)
75. LENGTHCLASS62 (integer number ≥ 0 , -1 if not applicable)
76. LENGTHCLASS63 (integer number ≥ 0 , -1 if not applicable)
77. LENGTHCLASS64 (integer number ≥ 0 , -1 if not applicable)
78. LENGTHCLASS65 (integer number ≥ 0 , -1 if not applicable)
79. LENGTHCLASS66 (integer number ≥ 0 , -1 if not applicable)
80. LENGTHCLASS67 (integer number ≥ 0 , -1 if not applicable)
81. LENGTHCLASS68 (integer number ≥ 0 , -1 if not applicable)
82. LENGTHCLASS69 (integer number ≥ 0 , -1 if not applicable)
83. LENGTHCLASS70 (integer number ≥ 0 , -1 if not applicable)
84. LENGTHCLASS71 (integer number ≥ 0 , -1 if not applicable)
85. LENGTHCLASS72 (integer number ≥ 0 , -1 if not applicable)
86. LENGTHCLASS73 (integer number ≥ 0 , -1 if not applicable)
87. LENGTHCLASS74 (integer number ≥ 0 , -1 if not applicable)
88. LENGTHCLASS75 (integer number ≥ 0 , -1 if not applicable)
89. LENGTHCLASS76 (integer number ≥ 0 , -1 if not applicable)
90. LENGTHCLASS77 (integer number ≥ 0 , -1 if not applicable)
91. LENGTHCLASS78 (integer number ≥ 0 , -1 if not applicable)
92. LENGTHCLASS79 (integer number ≥ 0 , -1 if not applicable)
93. LENGTHCLASS80 (integer number ≥ 0 , -1 if not applicable)
94. LENGTHCLASS81 (integer number ≥ 0 , -1 if not applicable)
95. LENGTHCLASS82 (integer number ≥ 0 , -1 if not applicable)
96. LENGTHCLASS83 (integer number ≥ 0 , -1 if not applicable)
97. LENGTHCLASS84 (integer number ≥ 0 , -1 if not applicable)
98. LENGTHCLASS85 (integer number ≥ 0 , -1 if not applicable)
99. LENGTHCLASS86 (integer number ≥ 0 , -1 if not applicable)
100. LENGTHCLASS87 (integer number ≥ 0 , -1 if not applicable)
101. LENGTHCLASS88 (integer number ≥ 0 , -1 if not applicable)
102. LENGTHCLASS89 (integer number ≥ 0 , -1 if not applicable)
103. LENGTHCLASS90 (integer number ≥ 0 , -1 if not applicable)
104. LENGTHCLASS91 (integer number ≥ 0 , -1 if not applicable)
105. LENGTHCLASS92 (integer number ≥ 0 , -1 if not applicable)

106. LENGTHCLASS93 (integer number ≥ 0 , -1 if not applicable)
107. LENGTHCLASS94 (integer number ≥ 0 , -1 if not applicable)
108. LENGTHCLASS95 (integer number ≥ 0 , -1 if not applicable)
109. LENGTHCLASS96 (integer number ≥ 0 , -1 if not applicable)
110. LENGTHCLASS97 (integer number ≥ 0 , -1 if not applicable)
111. LENGTHCLASS98 (integer number ≥ 0 , -1 if not applicable)
112. LENGTHCLASS99 (integer number ≥ 0 , -1 if not applicable)
113. LENGTHCLASS100_PLUS (integer number ≥ 0 , -1 if not applicable)
114. COMMENTS (text string of maximum 250 chars; includes any other relevant information of use to the expert working groups)

APPENDIX 4. SCIENTIFIC SURVEY DATA

APPENDIX 4.1. MEDITS SURVEY DATA (MEDITERRANEAN MEMBER STATES ONLY)

Appendix 4.1.1 Medits haul data (Mediterranean States only)

Type A. Medits haul data, in accordance to MEDITS instruction manual [Version 7, 2013](http://www.sibm.it/MEDITS%202011/principaledownload.htm) (<http://www.sibm.it/MEDITS%202011/principaledownload.htm>).

Appendix 4.1.2 Medits catch by haul data (Mediterranean States only)

Type B. Medits catch by haul data, all species , in accordance to MEDITS instruction manual [Version 7, 2013](http://www.sibm.it/MEDITS%202011/principaledownload.htm) (<http://www.sibm.it/MEDITS%202011/principaledownload.htm>).

Appendix 4.1.3 Medits length and biological parameters by haul data (Mediterranean States only)

Type C. Medits length and biological parameters by haul data, all species , in accordance to MEDITS instruction manual, [Version 7, 2013](http://www.sibm.it/MEDITS%202011/principaledownload.htm) (<http://www.sibm.it/MEDITS%202011/principaledownload.htm>).

APPENDIX 4.2. SCIENTIFIC SURVEY DATA (no MEDITS)

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

1. COUNTRY (this should be given according to the code list provided in Appendix 1.1)
2. YEAR (this should be given in a four digits integer, e.g.: 2014)
3. START_DAY (integer number, indicating the starting day of the survey, e.g.: 01 to 31)
4. END_DAY (integer number, indicating the ending day of the survey, e.g.: 01 to 31).
5. START_MONTH (integer number, indicating the starting month of the survey, e.g.: 01 to 12)
6. END_MONTH (integer number, indicating the end month of the survey, e.g.: 01 to 12).
7. AREA (GFCM GSA (i.e. GSA 1 or SA 1))
8. NAME_OF_SURVEY (free text string 10 characters, ECOMED, PELMED, DEPM, or any other)
9. SPECIES (the species should be given according to the code list provided in the last column of Appendix 1.7 where applicable)
10. SEX (female=F, male=M, unidentified=U, combined=C)
11. UNIT (unit of length classes, mm=millimetre, cm=centimetre)
12. LENGTHCLASS0 (numbers, precision in thousands=3 digits after the comma)
13. LENGTHCLASS1 (numbers, precision in thousands=3 digits after the comma)
14. LENGTHCLASS2 (numbers, precision in thousands=3 digits after the comma)
15. LENGTHCLASS3 (numbers, precision in thousands=3 digits after the comma)
16. LENGTHCLASS4 (numbers, precision in thousands=3 digits after the comma)
17. LENGTHCLASS5 (numbers, precision in thousands=3 digits after the comma)
18. LENGTHCLASS6 (numbers, precision in thousands=3 digits after the comma)
19. LENGTHCLASS7 (numbers, precision in thousands=3 digits after the comma)

20. LENGTHCLASS8 (numbers, precision in thousands=3 digits after the comma)
21. LENGTHCLASS9 (numbers, precision in thousands=3 digits after the comma)
22. LENGTHCLASS10 (numbers, precision in thousands=3 digits after the comma)
23. LENGTHCLASS11 (numbers, precision in thousands=3 digits after the comma)
24. LENGTHCLASS12 (numbers, precision in thousands=3 digits after the comma)
25. LENGTHCLASS13 (numbers, precision in thousands=3 digits after the comma)
26. LENGTHCLASS14 (numbers, precision in thousands=3 digits after the comma)
27. LENGTHCLASS15 (numbers, precision in thousands=3 digits after the comma)
28. LENGTHCLASS16 (numbers, precision in thousands=3 digits after the comma)
29. LENGTHCLASS17 (numbers, precision in thousands=3 digits after the comma)
30. LENGTHCLASS18 (numbers, precision in thousands=3 digits after the comma)
31. LENGTHCLASS19 (numbers, precision in thousands=3 digits after the comma)
32. LENGTHCLASS20 (numbers, precision in thousands=3 digits after the comma)
33. LENGTHCLASS21 (numbers, precision in thousands=3 digits after the comma)
34. LENGTHCLASS22 (numbers, precision in thousands=3 digits after the comma)
35. LENGTHCLASS23 (numbers, precision in thousands=3 digits after the comma)
36. LENGTHCLASS24 (numbers, precision in thousands=3 digits after the comma)
37. LENGTHCLASS25 (numbers, precision in thousands=3 digits after the comma)
38. LENGTHCLASS26 (numbers, precision in thousands=3 digits after the comma)
39. LENGTHCLASS27 (numbers, precision in thousands=3 digits after the comma)
40. LENGTHCLASS28 (numbers, precision in thousands=3 digits after the comma)

41. LENGTHCLASS29 (numbers, precision in thousands=3 digits after the comma)
42. LENGTHCLASS30 (numbers, precision in thousands=3 digits after the comma)
43. LENGTHCLASS31 (numbers, precision in thousands=3 digits after the comma)
44. LENGTHCLASS32 (numbers, precision in thousands=3 digits after the comma)
45. LENGTHCLASS33 (numbers, precision in thousands=3 digits after the comma)
46. LENGTHCLASS34 (numbers, precision in thousands=3 digits after the comma)
47. LENGTHCLASS35 (numbers, precision in thousands=3 digits after the comma)
48. LENGTHCLASS36 (numbers, precision in thousands=3 digits after the comma)
49. LENGTHCLASS37 (numbers, precision in thousands=3 digits after the comma)
50. LENGTHCLASS38 (numbers, precision in thousands=3 digits after the comma)
51. LENGTHCLASS39 (numbers, precision in thousands=3 digits after the comma)
52. LENGTHCLASS40 (numbers, precision in thousands=3 digits after the comma)
53. LENGTHCLASS41 (numbers, precision in thousands=3 digits after the comma)
54. LENGTHCLASS42 (numbers, precision in thousands=3 digits after the comma)
55. LENGTHCLASS43 (numbers, precision in thousands=3 digits after the comma)
56. LENGTHCLASS44 (numbers, precision in thousands=3 digits after the comma)
57. LENGTHCLASS45 (numbers, precision in thousands=3 digits after the comma)
58. LENGTHCLASS46 (numbers, precision in thousands=3 digits after the comma)
59. LENGTHCLASS47 (numbers, precision in thousands=3 digits after the comma)
60. LENGTHCLASS48 (numbers, precision in thousands=3 digits after the comma)
61. LENGTHCLASS49 (numbers, precision in thousands=3 digits after the comma)

62. LENGTHCLASS50 (numbers, precision in thousands=3 digits after the comma)
63. LENGTHCLASS51 (numbers, precision in thousands=3 digits after the comma)
64. LENGTHCLASS52 (numbers, precision in thousands=3 digits after the comma)
65. LENGTHCLASS53 (numbers, precision in thousands=3 digits after the comma)
66. LENGTHCLASS54 (numbers, precision in thousands=3 digits after the comma)
67. LENGTHCLASS55 (numbers, precision in thousands=3 digits after the comma)
68. LENGTHCLASS56 (numbers, precision in thousands=3 digits after the comma)
69. LENGTHCLASS57 (numbers, precision in thousands=3 digits after the comma)
70. LENGTHCLASS58 (numbers, precision in thousands=3 digits after the comma)
71. LENGTHCLASS59 (numbers, precision in thousands=3 digits after the comma)
72. LENGTHCLASS60 (numbers, precision in thousands=3 digits after the comma)
73. LENGTHCLASS61 (numbers, precision in thousands=3 digits after the comma)
74. LENGTHCLASS62 (numbers, precision in thousands=3 digits after the comma)
75. LENGTHCLASS63 (numbers, precision in thousands=3 digits after the comma)
76. LENGTHCLASS64 (numbers, precision in thousands=3 digits after the comma)
77. LENGTHCLASS65 (numbers, precision in thousands=3 digits after the comma)
78. LENGTHCLASS66 (numbers, precision in thousands=3 digits after the comma)
79. LENGTHCLASS67 (numbers, precision in thousands=3 digits after the comma)
80. LENGTHCLASS68 (numbers, precision in thousands=3 digits after the comma)
81. LENGTHCLASS69 (numbers, precision in thousands=3 digits after the comma)
82. LENGTHCLASS70 (numbers, precision in thousands=3 digits after the comma)

83. LENGTHCLASS71 (numbers, precision in thousands=3 digits after the comma)
84. LENGTHCLASS72 (numbers, precision in thousands=3 digits after the comma)
85. LENGTHCLASS73 (numbers, precision in thousands=3 digits after the comma)
86. LENGTHCLASS74 (numbers, precision in thousands=3 digits after the comma)
87. LENGTHCLASS75 (numbers, precision in thousands=3 digits after the comma)
88. LENGTHCLASS76 (numbers, precision in thousands=3 digits after the comma)
89. LENGTHCLASS77 (numbers, precision in thousands=3 digits after the comma)
90. LENGTHCLASS78 (numbers, precision in thousands=3 digits after the comma)
91. LENGTHCLASS79 (numbers, precision in thousands=3 digits after the comma)
92. LENGTHCLASS80 (numbers, precision in thousands=3 digits after the comma)
93. LENGTHCLASS81 (numbers, precision in thousands=3 digits after the comma)
94. LENGTHCLASS82 (numbers, precision in thousands=3 digits after the comma)
95. LENGTHCLASS83 (numbers, precision in thousands=3 digits after the comma)
96. LENGTHCLASS84 (numbers, precision in thousands=3 digits after the comma)
97. LENGTHCLASS85 (numbers, precision in thousands=3 digits after the comma)
98. LENGTHCLASS86 (numbers, precision in thousands=3 digits after the comma)
99. LENGTHCLASS87 (numbers, precision in thousands=3 digits after the comma)
100. LENGTHCLASS88 (numbers, precision in thousands=3 digits after the comma)
101. LENGTHCLASS89 (numbers, precision in thousands=3 digits after the comma)
102. LENGTHCLASS90 (numbers, precision in thousands=3 digits after the comma)
103. LENGTHCLASS91 (numbers, precision in thousands=3 digits after the comma)

104. LENGTHCLASS92 (numbers, precision in thousands=3 digits after the comma)
105. LENGTHCLASS93 (numbers, precision in thousands=3 digits after the comma)
106. LENGTHCLASS94 (numbers, precision in thousands=3 digits after the comma)
107. LENGTHCLASS95 (numbers, precision in thousands=3 digits after the comma)
108. LENGTHCLASS96 (numbers, precision in thousands=3 digits after the comma)
109. LENGTHCLASS97 (numbers, precision in thousands=3 digits after the comma)
110. LENGTHCLASS98 (numbers, precision in thousands=3 digits after the comma)
111. LENGTHCLASS99 (numbers, precision in thousands=3 digits after the comma)
112. LENGTHCLASS100_PLUS (numbers, precision in thousands=3 digits after the comma)

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)
2. YEAR (this should be given in a four digits integer, e.g.: 2014)
3. START_DAY (integer number, indicating the starting day of the survey, e.g.: 01 to 31)
4. END_DAY (integer number, indicating the ending day of the survey, e.g.: 01 to 31).
5. START_MONTH (integer number, indicating the starting month of the survey, e.g.: 01 to 12)
6. END_MONTH (integer number, indicating the end month of the survey, e.g.: 01 to 12).
7. AREA (GFCM GSA, e.g. GSA 1, given in Appendix 1.6)
8. NAME_OF_SURVEY (free text string 10 characters, ECOMED, PELMED, DEPM, ny other)
9. SPECIES (the species should be given according to the code list provided in the column of Appendix 1.7 where applicable)
10. SEX (female=F, male=M, unidentified=U, combined=C)

11. UNIT (unit of length classes, mm=millimetre, cm=centimetre)
12. LENGTHCLASS0 (numbers, precision in tons=3 digits after the comma)
13. LENGTHCLASS1 (numbers, precision in tons =3 digits after the comma)
14. LENGTHCLASS2 (numbers, precision in tons =3 digits after the comma)
15. LENGTHCLASS3 (numbers, precision in tons =3 digits after the comma)
16. LENGTHCLASS4 (numbers, precision in tons =3 digits after the comma)
17. LENGTHCLASS5 (numbers, precision in tons =3 digits after the comma)
18. LENGTHCLASS6 (numbers, precision in tons =3 digits after the comma)
19. LENGTHCLASS7 (numbers, precision in tons =3 digits after the comma)
20. LENGTHCLASS8 (numbers, precision in tons =3 digits after the comma)
21. LENGTHCLASS9 (numbers, precision in tons=3 digits after the comma)
22. LENGTHCLASS10 (numbers, precision in tons=3 digits after the comma)
23. LENGTHCLASS11 (numbers, precision in tons=3 digits after the comma)
24. LENGTHCLASS12 (numbers, precision in tons=3 digits after the comma)
25. LENGTHCLASS13 (numbers, precision in tons=3 digits after the comma)
26. LENGTHCLASS14 (numbers, precision in tons=3 digits after the comma)
27. LENGTHCLASS15 (numbers, precision in tons=3 digits after the comma)
28. LENGTHCLASS16 (numbers, precision in tons=3 digits after the comma)
29. LENGTHCLASS17 (numbers, precision in tons=3 digits after the comma)
30. LENGTHCLASS18 (numbers, precision in tons=3 digits after the comma)
31. LENGTHCLASS19 (numbers, precision in tons=3 digits after the comma)
32. LENGTHCLASS20 (numbers, precision in tons=3 digits after the comma)
33. LENGTHCLASS21 (numbers, precision in tons=3 digits after the comma)
34. LENGTHCLASS22 (numbers, precision in tons=3 digits after the comma)
35. LENGTHCLASS23 (numbers, precision in tons=3 digits after the comma)
36. LENGTHCLASS24 (numbers, precision in tons=3 digits after the comma)

37. LENGTHCLASS25 (numbers, precision in tons=3 digits after the comma)
38. LENGTHCLASS26 (numbers, precision in tons=3 digits after the comma)
39. LENGTHCLASS27 (numbers, precision in tons=3 digits after the comma)
40. LENGTHCLASS28 (numbers, precision in tons=3 digits after the comma)
41. LENGTHCLASS29 (numbers, precision in tons=3 digits after the comma)
42. LENGTHCLASS30 (numbers, precision in tons=3 digits after the comma)
43. LENGTHCLASS31 (numbers, precision in tons=3 digits after the comma)
44. LENGTHCLASS32 (numbers, precision in tons=3 digits after the comma)
45. LENGTHCLASS33 (numbers, precision in tons=3 digits after the comma)
46. LENGTHCLASS34 (numbers, precision in tons=3 digits after the comma)
47. LENGTHCLASS35 (numbers, precision in tons=3 digits after the comma)
48. LENGTHCLASS36 (numbers, precision in tons=3 digits after the comma)
49. LENGTHCLASS37 (numbers, precision in tons=3 digits after the comma)
50. LENGTHCLASS38 (numbers, precision in tons=3 digits after the comma)
51. LENGTHCLASS39 (numbers, precision in tons=3 digits after the comma)
52. LENGTHCLASS40 (numbers, precision in tons=3 digits after the comma)
53. LENGTHCLASS41 (numbers, precision in tons=3 digits after the comma)
54. LENGTHCLASS42 (numbers, precision in tons=3 digits after the comma)
55. LENGTHCLASS43 (numbers, precision in tons=3 digits after the comma)
56. LENGTHCLASS44 (numbers, precision in tons=3 digits after the comma)
57. LENGTHCLASS45 (numbers, precision in tons=3 digits after the comma)

58. LENGTHCLASS46 (numbers, precision in tons=3 digits after the comma)
59. LENGTHCLASS47 (numbers, precision in tons=3 digits after the comma)
60. LENGTHCLASS48 (numbers, precision in tons=3 digits after the comma)
61. LENGTHCLASS49 (numbers, precision in tons=3 digits after the comma)
62. LENGTHCLASS50 (numbers, precision in tons=3 digits after the comma)
63. LENGTHCLASS51 (numbers, precision in tons=3 digits after the comma)
64. LENGTHCLASS52 (numbers, precision in tons=3 digits after the comma)
65. LENGTHCLASS53 (numbers, precision in tons=3 digits after the comma)
66. LENGTHCLASS54 (numbers, precision in tons=3 digits after the comma)
67. LENGTHCLASS55 (numbers, precision in tons=3 digits after the comma)
68. LENGTHCLASS56 (numbers, precision in tons=3 digits after the comma)
69. LENGTHCLASS57 (numbers, precision in tons=3 digits after the comma)
70. LENGTHCLASS58 (numbers, precision in tons=3 digits after the comma)
71. LENGTHCLASS59 (numbers, precision in tons=3 digits after the comma)
72. LENGTHCLASS60 (numbers, precision in tons=3 digits after the comma)
73. LENGTHCLASS61 (numbers, precision in tons=3 digits after the comma)
74. LENGTHCLASS62 (numbers, precision in tons=3 digits after the comma)
75. LENGTHCLASS63 (numbers, precision in tons=3 digits after the comma)
76. LENGTHCLASS64 (numbers, precision in tons=3 digits after the comma)
77. LENGTHCLASS65 (numbers, precision in tons=3 digits after the comma)
78. LENGTHCLASS66 (numbers, precision in tons=3 digits after the comma)

79. LENGTHCLASS67 (numbers, precision in tons=3 digits after the comma)
80. LENGTHCLASS68 (numbers, precision in tons=3 digits after the comma)
81. LENGTHCLASS69 (numbers, precision in tons=3 digits after the comma)
82. LENGTHCLASS70 (numbers, precision in tons=3 digits after the comma)
83. LENGTHCLASS71 (numbers, precision in tons=3 digits after the comma)
84. LENGTHCLASS72 (numbers, precision in tons=3 digits after the comma)
85. LENGTHCLASS73 (numbers, precision in tons=3 digits after the comma)
86. LENGTHCLASS74 (numbers, precision in tons=3 digits after the comma)
87. LENGTHCLASS75 (numbers, precision in tons=3 digits after the comma)
88. LENGTHCLASS76 (numbers, precision in tons=3 digits after the comma)
89. LENGTHCLASS77 (numbers, precision in tons=3 digits after the comma)
90. LENGTHCLASS78 (numbers, precision in tons=3 digits after the comma)
91. LENGTHCLASS79 (numbers, precision in tons=3 digits after the comma)
92. LENGTHCLASS80 (numbers, precision in tons=3 digits after the comma)
93. LENGTHCLASS81 (numbers, precision in tons=3 digits after the comma)
94. LENGTHCLASS82 (numbers, precision in tons=3 digits after the comma)
95. LENGTHCLASS83 (numbers, precision in tons=3 digits after the comma)
96. LENGTHCLASS84 (numbers, precision in tons=3 digits after the comma)
97. LENGTHCLASS85 (numbers, precision in tons=3 digits after the comma)
98. LENGTHCLASS86 (numbers, precision in tons=3 digits after the comma)
99. LENGTHCLASS87 (numbers, precision in tons=3 digits after the comma)

100. LENGTHCLASS88 (numbers, precision in tons=3 digits after the comma)
101. LENGTHCLASS89 (numbers, precision in tons=3 digits after the comma)
102. LENGTHCLASS90 (numbers, precision in tons=3 digits after the comma)
103. LENGTHCLASS91 (numbers, precision in tons=3 digits after the comma)
104. LENGTHCLASS92 (numbers, precision in tons=3 digits after the comma)
105. LENGTHCLASS93 (numbers, precision in tons=3 digits after the comma)
106. LENGTHCLASS94 (numbers, precision in tons=3 digits after the comma)
107. LENGTHCLASS95 (numbers, precision in tons=3 digits after the comma)
108. LENGTHCLASS96 (numbers, precision in tons=3 digits after the comma)
109. LENGTHCLASS97 (numbers, precision in tons=3 digits after the comma)
110. LENGTHCLASS98 (numbers, precision in tons=3 digits after the comma)
111. LENGTHCLASS99 (numbers, precision in tons=3 digits after the comma)
112. LENGTHCLASS100_PLUS (numbers, precision in tons=3 digits after the comma)

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)
2. YEAR (this should be given in a four digits integer, e.g.: 2014)
3. START_DAY (integer number, indicating the starting day of the survey, e.g.: 01 to 31)

4. END_DAY (integer number, indicating the ending day of the survey, e.g.: 01 to 31).
5. START_MONTH (integer number, indicating the starting month of the survey, e.g.: 01 to 12)
6. END_MONTH (integer number, indicating the end month of the survey, e.g.: 01 to 12).
7. AREA (GFCM GSA, e.g. GSA 1, given in Appendix 1.6)
8. NAME_OF_SURVEY (free text string 10 characters, ECOMED, PELMED, DEPM, or any other)
9. SPECIES (the species should be given according to the code list provided in the last column of Appendix 1.7 where applicable)
10. SEX (female=F, male=M, unidentified=U, combined=C)
11. AGEGROUP0ABUND (numbers, precision in thousands=3 digits after the comma)
12. AGEGROUP0BIOM (numbers, precision in tons=3 digits after the comma)
13. AGEGROUP1ABUND (numbers, precision in thousands=3 digits after the comma)
14. AGEGROUP1BIOM (numbers, precision in tons=3 digits after the comma)
15. AGEGROUP2ABUND (numbers, precision in thousands=3 digits after the comma)
16. AGEGROUP2BIOM (numbers, precision in tons=3 digits after the comma)
17. AGEGROUP3ABUND (numbers, precision in thousands=3 digits after the comma)
18. AGEGROUP3BIOM (numbers, precision in tons=3 digits after the comma)
19. AGEGROUP4ABUND (numbers, precision in thousands=3 digits after the comma)
20. AGEGROUP4BIOM (numbers, precision in tons=3 digits after the comma)
21. AGEGROUP5ABUND (numbers, precision in thousands=3 digits after the comma)
22. AGEGROUP5BIOM (numbers, precision in tons=3 digits after the comma)
23. AGEGROUP6ABUND (numbers, precision in thousands=3 digits after the comma)
24. AGEGROUP6BIOM (numbers, precision in tons=3 digits after the comma)
25. AGEGROUP7ABUND (numbers, precision in thousands=3 digits after the comma)

26. AGEGROUP7BIOM (numbers, precision in tons=3 digits after the comma)
27. AGEGROUP8ABUND (numbers, precision in thousands=3 digits after the comma)
28. AGEGROUP8BIOM (numbers, precision in tons=3 digits after the comma)
29. AGEGROUP9ABUND (numbers, precision in thousands=3 digits after the comma)
30. AGEGROUP9BIOM (numbers, precision in tons=3 digits after the comma)
31. AGEGROUP10ABUND (numbers, precision in thousands=3 digits after the comma)
32. AGEGROUP10BIOM (numbers, precision in tons=3 digits after the comma)
33. AGEGROUP11ABUND (numbers, precision in thousands=3 digits after the comma)
34. AGEGROUP11BIOM (numbers, precision in tons=3 digits after the comma)
35. AGEGROUP12ABUND (numbers, precision in thousands=3 digits after the comma)
36. AGEGROUP12BIOM (numbers, precision in tons=3 digits after the comma)
37. AGEGROUP13ABUND (numbers, precision in thousands=3 digits after the comma)
38. AGEGROUP13BIOM (numbers, precision in tons=3 digits after the comma)
39. AGEGROUP14ABUND (numbers, precision in thousands=3 digits after the comma)
40. AGEGROUP14BIOM (numbers, precision in tons=3 digits after the comma)
41. AGEGROUP15ABUND (numbers, precision in thousands=3 digits after the comma)
42. AGEGROUP15BIOM (numbers, precision in tons=3 digits after the comma)
43. AGEGROUP16ABUND (numbers, precision in thousands=3 digits after the comma)
44. AGEGROUP16BIOM (numbers, precision in tons=3 digits after the comma)
45. AGEGROUP17ABUND (numbers, precision in thousands=3 digits after the comma)
46. AGEGROUP17BIOM (numbers, precision in tons=3 digits after the comma)

47. AGEGROUP18ABUND (numbers, precision in thousands=3 digits after the comma)
48. AGEGROUP18BIOM (numbers, precision in tons=3 digits after the comma)
49. AGEGROUP19ABUND (numbers, precision in thousands=3 digits after the comma)
50. AGEGROUP19BIOM (numbers, precision in tons=3 digits after the comma)
51. AGEGROUP20_PLUSABUND (numbers, precision in thousands=3 digits after the comma)
52. AGEGROUP20_PLUSBIOM (numbers, precision in tons=3 digits after the comma)