



Trawl fishing activity data

As per CMM 02 Data Standards
(Template version May 2020)

Data Field	Reference (CMM 02)	Data Type	Example	Additional Explanation
Vessel flag	Annex 1 part 2(a)	ISO 3-alpha country code	AUS	The flag State or Member the vessel was registered with during this fishing
Vessel name	Annex 1 part 2(b)	Capitalised Free text	FV. EAGLE	The vessel name at the time the fishing took place
Vessel call sign	Annex 1 part 2(c)	Free text and/or numeric	AXA1552	The call sign of the vessel
Registration number of vessel	Annex 1 part 2(d)	Free text and/or numeric	7767	The registration number issued to the vessel by the flag state
IMO Number	Annex 1 part 2(e)	Vessel identifying 7 digit number	1234567	The unique 7 digit identifier assigned to the vessel by IHS Maritime, previously known as Lloyd's Register Fairplay
Tow start date and time (UTC)	Annex 1 part 2(f); Annex 8 part 1	Datetime format YYYY-MON-DDThh:mm:ss	2017-Jul-17T13:10:00	The date/time (UTC) at the start of the tow. Should not be within any other towing period
Tow end date and time (UTC)	Annex 1 part 2(g); Annex 8 part 1	Datetime format YYYY-MON-DDThh:mm:ss	2017-Jul-17T17:30:00	The date/time (UTC) at the end of the tow. Should not be within any other towing period
Tow start position: latitude	Annex 1 part 2(h); Annex 8 part 2	Decimal degrees	-43.25	The latitude at the start of the tow. Southern latitudes should be indicated by the use of negative decimal degree values (1/100 th degree resolution for bottom fishing, 1/10th degree resolution for pelagic trawling).
Tow start position: longitude	Annex 1 part 2(h); Annex 8 part 2	Decimal degrees	-86.75	The longitude at the start of the tow. Western longitudes should be indicated by the use of negative numbers (1/100 th degree resolution for bottom fishing, 1/10th degree resolution for pelagic trawling).
Tow end position: latitude	Annex 1 part 2(i); Annex 8 part 2	Decimal degrees	-43.48	The latitude at the end of the tow. Southern latitudes should be indicated by the use of negative decimal degree values (1/100 th degree resolution for bottom fishing, 1/10th degree resolution for pelagic trawling).
Tow end position: longitude	Annex 1 part 2(i); Annex 8 part 2	Decimal degrees	-86.80	The longitude at the end of the tow. Western longitudes should be indicated by the use of negative numbers (1/100 th degree resolution for bottom fishing, 1/10th degree resolution for pelagic trawling).
Intended target species	Annex 1 part 2(j); Annex 8 part 3a	Species code (FAO 3-alpha code)	CJM	The species that the fishing operation was aiming to catch (using FAO code http://www.fao.org/fishery/collection/asfis/en)
Trawl type (bottom trawl TB or mid-water trawl TM)	Annex 1 part 2(k); Annex 9	Alpha or numeric code (ISSCFG)	TM	The ISSCFG code for the type of fishing gear being used as listed in Annex 9 of CMM 02. The code TB is for bottom trawls, TM is for midwater trawls.
Trawl type (single S, double D, or triple T)	Annex 1 part 2(l)	"S", "D" or "T"	S	The configuration of the trawl net, either single (S), double (D) or triple (T).
Height of Net Opening (m)	Annex 1 part 2(m); Annex 8 part 4b	Numeric	60	The average distance from the ground rope to the headline
Width of Net Opening (m)	Annex 1 part 2(n); Annex 8 part 4b	Numeric	120	A measure of how wide the net opening is
Gear depth at start of fishing (m)	Annex 1 part 2(o); Annex 8 part 4b	Numeric	100	The depth of the fishing gear, taken at the start of fishing
Bottom depth at start of fishing (m)	Annex 1 part 2(p); Annex 8 part 4b	Numeric	600	The distance from the seabed to the ocean surface, taken at the start of fishing
Marine mammal/ seabird/ reptile/ other species of concern/ benthic captures (Yes Y or No N or Unknown U)	Annex 1 part 2(q)	"Y", "N" or "U"	N	Records whether any incidental catch of marine mammals, seabirds, reptiles, other species of concern (as listed in Annex 14 of CMM 02) or benthic bycatch was taken during this fishing operation
Species code (FAO 3-alpha code)	Annex 1 part 2(r) & (s); Annex 8 part 3a	Species code (FAO 3-alpha code)	MAS	The species that was retained or discarded as a result of this fishing operation (using FAO code http://www.fao.org/fishery/collection/asfis/en)
Retained: Live weight (kg)	Annex 1 part 2(r); Annex 8 part 4a	Numeric	30000	An estimation of the catch retained onboard (in kilograms live weight for the species above)
Discarded: Live weight (kg) or numbers (see explanatory notes)	Annex 1 part 2(s); Annex 8 part 4a	Numeric	250	An estimation of the amount of living resources that were discarded for the species above, in kilograms live weight except for marine mammals, seabirds, reptiles and other species of concern which should be provided as numbers. The definition of "other species of concern" is in Annex 14 of CMM 02 and includes Oceanic whitetip shark (OCS), Great white shark (WSH), Basking shark (BSK), Porbeagle shark (POR), Manta rays (MNT), Mobula nei (RMV) and Whale shark (RHN).

Note: A single tow catching 5 different species should be reported as 5 rows of data. Similarly, 3 tows catching 5 different species should be reported as 15 rows.