

**FORM 6-PS**

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Revised September 2021

Observer name:

Observed trip number:

[illegible]

Comments (e.g., maturity stage scale used if not those approved by the IOTC and sample destination if not the IOTC Secretariat):

COMPLETE THIS FORM ONLY IF INSTRUCTED TO COLLECT BIOLOGICAL DATA (length-weight, sex and maturity) AND / OR SAMPLES AT-SEA (e.g., otoliths, stomachs, genetic samples, etc.).

IOTC ROS minimum standard data-fields are highlighted in this form in light grey. These are to be reported to the IOTC when collected.

PAGE OF: Fill in Form 4-PS's through the trip as Page 1, Page 2, Page 3, etc. At end of trip, check all pages are there and fill in last page number on every page.

FISHING EVENT (SET) # (NUMBER): Record fishing event number. Each time the net is deployed a unique set number is allocated. This should be a four-digit numerical code beginning 0001. Set numbers should be consecutive from the start to the end of the observed trip. Refer to the parent fishing event (set) set number as specified in Form 4-PS (e.g., Set # 0001, Set # 0002, etc.).

SPECIMEN NUMBER (#): Record specimen consecutive number. Four-digit numerical code beginning 0001. Before allocating a new specimen number in Form 6-PS ensure that you haven't yet allocated any specimens numbers to the species/fate pair, for the specific set, under Form 4-PS and 5-PS. If you did, then record the following consecutive number for the pair species/fate in question.

1. SAMPLING METHOD FOR THE COLLECTION OF BIOLOGICAL INFORMATION: Use codes provided in the table below to indicate the sampling method used for the collection of the biological sample.

SAMPLING METHODS FOR THE COLLECTION OF BIOLOGICAL INFORMATION					
EXS	Exhaustive sampling	SSG	Stratified sampling ("Grab method")	SRP	Systematic random sampling of priority species
OTH	Other (specify)	SSS	Stratified sampling ("Spill method")	SRM	Systematic random sampling of a mixed species sample
UNK	Unknown	SPS	Systematic proportional sampling	SRF	Systematic random sampling of a fixed number of each species

2. TYPE: Use codes provided in Table 2a and 2b to specify the type of measurement taken and measurement tool used.

3 VALUE: Record the length corresponding to the length type taken rounded to the lower centimetre.

4. TYPE (as per 2): When an additional measurement is taken, the corresponding measurement type should be recorded here.

5. VALUE (as per 3): When an additional measurement is taken, the corresponding length should be rounded to the lower cm.

6. TYPE of PROCESSING: Use codes provided below to indicate the processing the specimen underwent prior to weighing.

TYPE OF PROCESSING / PRODUCT CODES					
RD	Unprocessed; Round (whole, live)	HP	Highly processed (loins, fillets)	HT	Headed and tailed
GG	Gilled-and-gutted (bill-off)	PR	Processed (unspecified)	HG	Headed, gutted and tailed
GT	Gilled, gutted and tailed	DR	Dressed (gilled and gutted)	GO	Gutted only (gills left)
PD	Headed and caudal peduncle-off	HD	Headed-and-gutted	FT	Fins and trunk (sharks)
				FW	Fillet
				SF	Fins (shark)
				FL	Fish loins
				UN	Unknown

7. VALUE: Record the specimen's weight (in Kg) corresponding to the specified processing type. If the fish has not been processed, record the unprocessed (or round) weight.

8. ESTIMATION METHOD: Use codes provided in the table below to indicate estimation method used to obtain the weight.

WEIGHT ESTIMATION METHOD / TOOL			
EB	Electronic balance	LO	Vessel logbook (eye measurement crew)
EM	Eye measurement (observer)	LW	Length weight relationship
		MB	Mechanical balance
		SB	Spring balance

9. SEX: The sex of the sampled specimen: male (M), female (F), immature (I), or unknown (UNK).

10. MATURITY STAGE LEVEL: The level of maturity (maturity stage) of the sampled specimen according to standard maturity scales approved by the IOTC or another if no IOTC approved scale for the species. If unknown record UNK.

If no standard maturity scale approved by the IOTC exist for the specific species then the observer is to record in COMMENTS SCALE USED (e.g., swordfish maturity scale by the IFREMER in 2012 for the IOSSS project: "IOSSS-IFREMER, 2012").

11. TYPE: The type of sample collected (e.g., otoliths, spine clippings, stomach, muscle, etc.)

12. METHOD PRESERVATION: The method used to preserve the collected sample (e.g., alcohol, frozen, stored on envelopes, etc)

Observer is to **record in COMMENTS sample destination**, i.e., where the sample will be sent/stored and the name and email address of the person and organisation responsible for the analysing / storing of the collected sample.

LENGTH MEASUREMENT		
CODE	TOOL	TYPE and DESCRIPTION (all rounded to the lowest cm)
ALL FISH EXCEPT BILLFISH		
FL	Calliper	Fork length (tip of the snout to the fork of the tail)
FT	Tape	Curved fork length (tip of the snout to the fork of the tail)
FB	Board	Board fork length (tip of the snout to the fork of the tail)
PF	Calliper	Pectoral fork length (anterior insertion of pectoral fin to the fork of the tail)
PT	Tape	Curved pectoral fork length (anterior insertion of pectoral fin to fork of tail)
DF	Calliper	Dorsal fork length (anterior insertion of the dorsal fin to the fork of the tail)
DT	Tape	Curved dorsal fork length (anterior insertion of dorsal fin to fork of the tail)
PAL	Calliper	Pectoral-anal length (anterior insertion of pectoral fin to the posterior rim of the anal fin)
PAT	Tape	Curved pectoral anal length (anterior insertion of pectoral fin to the posterior rim of the anal fin)
PDL	Calliper	Pectoral-dorsal length (anterior insertion of the pectoral fin to the anterior insertion of the second dorsal fin)
PDT	Tape	Curved pectoral-dorsal length (anterior insertion of the pectoral fin to the anterior insertion of the second dorsal fin)
FD1	Calliper	First dorsal length also called pre-dorsal length (tip of the upper jaw to the insertion of the first dorsal spine)
FD1T	Tape	Curved first dorsal length also called pre-dorsal length (tip of the upper jaw to the insertion of the first dorsal spine)
UJFL	Calliper	Upper jaw to the fork of the tail length (tip of upper jaw to fork of tail)
UJFT	Tape	Upper jaw to the fork of the tail length (tip of upper jaw to fork of tail)
BILLFISH		
LJFL	Calliper	Lower Jaw Fork Length (tip of the lower jaw to the fork of the tail)
LJFT	Tape	Curved Lower Jaw Fork Length (tip of the lower jaw to fork of the tail)
SHARKS		
PCL	Calliper	Precaudal Length (tip of head to anterior portion of the caudal keel)
PCT	Tape	Curved Precaudal Length (tip of the head to anterior portion of caudal keel)
TL	Calliper	Total length (from tip of snout to extreme end of tail in a straight line)
TLT	Tape	Curved total length (from the tip of snout to extreme end of tail in a curved line)
RAYS		
TW	Calliper	Total Width (total disc width)
TT	Tape	Curved Total Width (total disc width)
TURTLES		
CL	Calliper	Carapace Length (total carapace length - notch to notch)
CT	Tape	Curved Carapace Length (total carapace length - notch to notch)
BIRDS		
TL	Calliper	Total length (tip of bill to tip of tail)
WL	Calliper	Wing length (bend of the wing to the tip of the longest primary feathers)