



**TECHNICAL AND COMPLIANCE COMMITTEE  
TWENTY-SECOND REGULAR SESSION**

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Pohnpei, Federated States of Micronesia (Hybrid)

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**Proposed Revisions to the Scientific Data to be Provided to the Commission  
(tracked changes)**

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**WCPFC-TCC22-2026-34C\_rev3  
September 28, 2026**

**Submitted by  
SPC-OFP**

**Rev1: Incorporate initial feedback from TCC22;**

**Rev2: Correct missing edit related to UVI/IMO text in Annex 1 para 1.1**

**Rev3: Align previously deleted text [an inadvertent error] with existing SciData (around cetaceans, and fate/life status), incorporate comments raised in advance of and during the SWG, and minor technical edits to clean up text/formatting**

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SCIENTIFIC DATA TO BE PROVIDED TO THE COMMISSION<sup>1</sup>

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**1. Estimates of annual catches**

The following estimates of catches during each calendar year shall be provided to the Commission for each gear type:

- Catches for all key species to be reported to the Commission (see full list in Annex [2.1-3](#)) shall be provided for the WCPFC Statistical Area see paragraph 9)<sup>2</sup>.
- catches of bigeye tuna (*Thunnus obesus*), skipjack tuna (*Katsuwonus pelamis*), yellowfin tuna (*Thunnus albacares*), blue marlin (*Makaira mazara*), black marlin (*Makaira indica*), shortbill spearfish (*Tetrapturus angustirostris*) and sailfish (*Istiophorus platypterus*) in the portion of the WCPFC Statistical Area east of the 150° meridian of west longitude (i.e., the overlap area);
- catches of albacore (*Thunnus alalunga*), striped marlin (*Tetrapturus audax*), swordfish (*Xiphias gladius*), Pacific bluefin tuna (*Thunnus orientalis*), thresher sharks (*Alopias spp.*), blue shark (*Prionace glauca*) and mako sharks (*Isurus spp.*) in: 1) the Pacific Ocean south of the Equator, 2) the Pacific Ocean north of the Equator, 3) the WCPFC Statistical Area north of the Equator, 4) the WCPFC Statistical Area south of the Equator<sup>2</sup>, and 5) the portion of the WCPFC Statistical Area east of the 150° meridian of west longitude; and

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<sup>1</sup>As refined and first adopted at WCPFC13 (2016) and incorporating the latest revision made at WCPFC21 (2024).

<sup>2</sup> Porbeagle shark catches are to be reported for the area south of 20S in the WCPFC Statistical Area, until biological data shows this or another geographic limit to be appropriate.

| WCPFC – Annual catch reporting requirements by species and area                                              |                                                                                                               |                             |                                                       |                                                  |                                                  |                                         |                                         |
|--------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|-----------------------------|-------------------------------------------------------|--------------------------------------------------|--------------------------------------------------|-----------------------------------------|-----------------------------------------|
| “X” = annual catch estimate required. “X*” = porbeagle only south of 20°S within the WCPFC Statistical Area. |                                                                                                               |                             |                                                       |                                                  |                                                  |                                         |                                         |
| Species                                                                                                      | Code                                                                                                          | WCPFC Statistical Area - WX | WCPFC Statistical Area EAST of 150°W (“Overlap”) - OV | WCPFC Statistical Area SOUTH of the Equator - SX | WCPFC Statistical Area NORTH of the Equator - NX | Pacific Ocean SOUTH of the Equator - SP | Pacific Ocean NORTH of the Equator - NP |
| Albacore<br>( <i>Thunnus alalunga</i> )                                                                      | ALB                                                                                                           | X                           | X                                                     | X                                                | X                                                | X                                       | X                                       |
| Bigeye tuna<br>( <i>Thunnus obesus</i> )                                                                     | BET                                                                                                           | X                           | X                                                     |                                                  |                                                  |                                         |                                         |
| Skipjack tuna<br>( <i>Katsuwonus pelamis</i> )                                                               | SKJ                                                                                                           | X                           | X                                                     |                                                  |                                                  |                                         |                                         |
| Yellowfin tuna<br>( <i>Thunnus albacares</i> )                                                               | YFT                                                                                                           | X                           | X                                                     |                                                  |                                                  |                                         |                                         |
| Blue marlin<br>( <i>Makaira mazara</i> )                                                                     | BUM                                                                                                           | X                           | X                                                     |                                                  |                                                  |                                         |                                         |
| Black marlin<br>( <i>Makaira indica</i> )                                                                    | BLM                                                                                                           | X                           | X                                                     |                                                  |                                                  |                                         |                                         |
| Shortbill spearfish<br>( <i>Tetrapturus angustirostris</i> )                                                 | SSP                                                                                                           | X                           | X                                                     |                                                  |                                                  |                                         |                                         |
| Sailfish<br>( <i>Istiophorus platypterus</i> )                                                               | SFA                                                                                                           | X                           | X                                                     |                                                  |                                                  |                                         |                                         |
| Striped marlin<br>( <i>Tetrapturus audax</i> )                                                               | MLS                                                                                                           | X                           | X                                                     | X                                                | X                                                | X                                       | X                                       |
| Swordfish<br>( <i>Xiphias gladius</i> )                                                                      | SWO                                                                                                           | X                           | X                                                     | X                                                | X                                                | X                                       | X                                       |
| Pacific bluefin tuna<br>( <i>Thunnus orientalis</i> )                                                        | PBF                                                                                                           | X                           | X                                                     | X                                                | X                                                | X                                       | X                                       |
| Thresher sharks<br>( <i>Alopias</i> spp.)                                                                    | THR, ALV, PTH, BTH                                                                                            | X                           | X                                                     | X                                                | X                                                | X                                       | X                                       |
| Blue shark<br>( <i>Prionace glauca</i> )                                                                     | BSH                                                                                                           | X                           | X                                                     | X                                                | X                                                | X                                       | X                                       |
| Mako sharks<br>( <i>Isurus</i> spp.)                                                                         | MAK, SMA, LMA                                                                                                 | X                           | X                                                     | X                                                | X                                                | X                                       | X                                       |
| Siky shark<br>( <i>Carcharhinus falciformis</i> )                                                            | FAL                                                                                                           | X                           |                                                       |                                                  |                                                  |                                         |                                         |
| Oceanic whitetip shark<br>( <i>Carcharhinus longimanus</i> )                                                 | OCS                                                                                                           | X                           |                                                       |                                                  |                                                  |                                         |                                         |
| Hammerhead sharks<br>(winghead, scalloped, great, smooth)                                                    | SPN, SPK, SPL, SPZ, SPQ, EUB                                                                                  | X                           |                                                       |                                                  |                                                  |                                         |                                         |
| Whale sharks<br>( <i>Rhincodon typus</i> )                                                                   | RHN                                                                                                           | X                           |                                                       |                                                  |                                                  |                                         |                                         |
| Porbeagle shark<br>( <i>Lamna nasus</i> )                                                                    | POR                                                                                                           | X*                          |                                                       | X*                                               |                                                  |                                         |                                         |
| Additional reporting notes                                                                                   |                                                                                                               |                             |                                                       |                                                  |                                                  |                                         |                                         |
| 1                                                                                                            | For albacore troll fisheries in the Pacific Ocean south of the Equator, catch estimates must also be supplied |                             |                                                       |                                                  |                                                  |                                         |                                         |
| 2                                                                                                            | Discard & release estimates must also be provided for every species listed in the matrix.                     |                             |                                                       |                                                  |                                                  |                                         |                                         |
| 3                                                                                                            | Longline catches must be reported as whole weight, not processed weight.                                      |                             |                                                       |                                                  |                                                  |                                         |                                         |
| 4                                                                                                            | All catch estimates must be reported in <b>metric tonnes</b> .                                                |                             |                                                       |                                                  |                                                  |                                         |                                         |
| 5                                                                                                            | The sum of WCPFC Statistical Area north and south of the Equator should equal the total for the WCPFC         |                             |                                                       |                                                  |                                                  |                                         |                                         |
| 6                                                                                                            | Catch estimates may also be required for other species as determined by the Commission.                       |                             |                                                       |                                                  |                                                  |                                         |                                         |

Table 1. Visualization of the reporting requirements by species and area. It should be noted that where reporting areas represent sub-areas of broader reporting areas (e.g., the WCPFC Statistical Area north of the equator (NX) and the WCPFC Statistical Area south of the equator (SX), the sum of the two should equal the catches for the WCPFC Statistical Area (WX).

For trollers targeting albacore in the Pacific Ocean south of the Equator, the following catch estimates during the fishing season (July to June) shall also be provided:

- catches of albacore in the Pacific Ocean south of the Equator

Estimates of discards/releases shall also be provided for each species listed above.<sup>3</sup>

Catch estimates shall also be provided for other species as determined by the Commission.

Longline catch estimates shall be for whole weight, rather than processed weight.

All catch estimates shall be reported in metric tonnes.

The statistical methods used to estimate the annual and seasonal catches shall be reported to the Commission, with reference to the coverage rates for each type of data (e.g. operational catch and effort data, records of unloadings, species composition sampling data) that is used to estimate the catches and to the conversion factors that are used to convert the processed weight of longline-caught fish to whole weight.

In cases where 100% reporting of operational data is not available, CCMs are encouraged to provide a submission of annual catch and effort by EEZ/high seas area (referred to as ACE by EEZ), including an indication of catches inside and outside archipelagic waters.

## **2. *Number of vessels active***

The number of vessels active<sup>4</sup> in the WCPFC Statistical Area during each calendar year shall be provided to the Commission for each gear type.

For longliners, pole-and-line vessels, and purse seiners, the number of vessels active shall be provided by gross registered tonnage (GRT) class. The GRT classes are defined as follows:

- Longline: 0–50, 51–200, 201–500, 500+
- Pole-and-line: 0–50, 51–150, 150+
- Purse seine: 0–500, 501–1000, 1001–1500, 1500+

For trollers targeting albacore, the number of vessels active during each calendar year shall be provided for 1) the WCPFC Statistical Area south of the Equator and 2) the WCPFC Statistical Area north of the Equator. For trollers targeting albacore in the Pacific Ocean south of the Equator, the number of vessels active during the fishing season (July to June) shall be provided for 1) the WCPFC Statistical Area south of the Equator and 2) the Pacific Ocean south of the Equator.

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<sup>3</sup> It is also recognized that certain members and cooperating non-members of the Commission may have practical difficulties in compiling discards/releases data for fleets comprised of small vessels, such as certain sectors of the fisheries of Indonesia, the Philippines and small island developing states

<sup>4</sup> A vessel is considered to be “active” if it fished (targeting highly migratory fish stocks) at least one day during the year.

### **3. *Operational level catch and effort data***

Operational level catch and effort data (e.g. individual sets by longliners and purse seiners, and individual days fished by pole-and-line vessels and trollers) shall be provided to the Commission, in accordance with the standards adopted by the Commission at its Second Regular Session. These are listed in Annex 1.

It is recognized that certain members and cooperating non-members of the Commission may be subject to domestic legal constraints, such that they may not be able to provide operational data to the Commission until such constraints are overcome. Until such constraints are overcome, aggregated catch and effort data and size composition data, as described in (4) and (5) below, shall be provided.

It is also recognized that certain members and cooperating non-members of the Commission may have practical difficulties in compiling operational data for fleets comprised of small vessels, such as certain sectors of the fisheries of Indonesia, the Philippines and small island developing states.

Information on operational changes in the fishery that are not an attribute in the data provided is to be listed and reported with the data provision.

Annex 2 provides tables of the guidelines of operational level catch and effort data fields for longline, purse seine and pole-and-line gears in order to clarify and assist members in understanding the requirements of each data field and thereby facilitate the submission of data to the WCPFC.

### **4. *Catch and effort data aggregated by time period and geographic area***

If the coverage rate of the operational catch and effort data that are provided to the Commission is less than 100%, then catch and effort data aggregated by time period and geographic area that have been raised to represent the total catch and effort shall be provided. If operational catch and effort data provided to the Commission represents 100% of the activity of a fishery, then raised aggregated catch and effort is not required to be submitted.

Longline catch and effort data shall be aggregated by periods of month, areas of 5° longitude and 5° latitude, and number of hooks between floats. Purse-seine and ringnet catch and effort data shall be aggregated by periods of month, areas of 1° longitude and 1° latitude, and type of school association. Catch and effort data for other surface fisheries targeting tuna shall be aggregated by periods of month and areas of 1° longitude and 1° latitude.

If the coverage rate of the operational catch and effort data that are provided to the Commission is less than 100%, then catch and effort data that have been raised to represent the total catch and effort shall also be aggregated by periods of year and areas of national jurisdiction and high seas within the WCPFC Statistical Area.

The statistical methods that are used to derive the aggregated catch and effort data shall be reported to the Commission, with reference to the coverage rates of the operational catch and effort data, and the types of data and method used to raise the catch and effort data.

CCMs are to provide, to the extent possible, the number of individual vessels per stratum and area covered by their operational data with the aggregated catch and effort data they submit to the Commission.

Information on operational changes in the fishery that are not an attribute in the data provided is to be listed and reported with the data provision.

#### **5. *Size composition data***

Length and/or weight composition data that are representative of catches by the fisheries shall be provided to the Commission at the finest possible resolution of time period and geographic area and at least as fine as periods of quarter and areas of 20° longitude and 10° latitude.

The length size class intervals are defined as follows:

- Skipjack tuna – 1cm
- Albacore tuna – 1cm
- Yellowfin tuna – ideally 1cm, but not more than 2 cm
- Bigeye tuna – ideally 1cm, but not more than 2 cm
- Billfish – ideally 1cm, but not more than 5 cm

The weight size class intervals are defined as follows:

- Tuna and Billfish species - 1kg

CCMs shall indicate whether lengths and/or weights are rounded up or rounded down to the unit specified.

The statistical and sampling methods that are used to derive the size composition data shall be reported to the Commission, including reference to whether sampling was at the level of fishing operation or during unloading, details of the protocol used, and the methods and reasons for any adjustments to the size data. Where feasible, this shall also be applied to all historical data.

Information on operational changes in the fishery that are not an attribute in the data provided is to be reported with the data provision ([see Annex 4](#)). This information pertains to:

- The type of platform/location where fish were measured;
- The role/position of the individual(s) responsible for data collection;
- Whether or not the catch was pre-sorted or graded prior to sampling;

- Whether or not a measurement device was used to measure **all** fish sampled, and if so, details about the measurement device(s) used;
- Whether or not the size data sampling follows an establish protocol;
- Details about training or quality control measures in place;
- Whether or not standard SPC measurement codes have been used in the data provision;
- Whether or not size data are reported in their raw measured form (i.e., no conversion factors applied), and if not, what conversion factors have been applied to the size data; and
- The contact information for the preferred individual to follow up on.

#### **6. *Data submission process***

Data provisions outlined in paras 1-5 of this document shall be submitted using the standardized data submission forms (unless reported through an integrated electronic reporting system; e.g., Tufman2, iFIMS) and the data submission portal available through the WCPFC website.

Data submission template repository is available at: <https://pacificcommunity.github.io/scidata-standard/>. In exceptional circumstances, if technical challenges are encountered with the web-based submission portal, CCMs may submit data via email to the Commission in order to satisfy their reporting obligations.

#### **7. *The roles of flag states and coastal states***

Flag CCMs shall be responsible for providing to the Commission scientific data covering vessels they have flagged, except for vessels operating under joint-venture or charter arrangements with another state such that the vessels operate, for all intents and purposes, as local vessels of the other state, in which case the other state shall be responsible for the provision of data to the Commission.

It is recognized that the ability of flag States or entities to provide scientific data to the Commission may be constrained by the terms of bilateral or regional arrangements, such as the Treaty on Fisheries Between the Governments of Certain Pacific Island States and the Government of the United States of America.

Scientific data compiled by coastal states shall also be provided to the Commission.

#### **8. *Time periods covered and schedule for the provision of data***

Estimates of annual or seasonal catches should be provided to the Commission from 1950 onwards or, if the fleet began operating after 1950, from the year in which the fleet began operating.

Operational catch and effort data, and size composition data, should be provided for all years, starting with the first year for which the data are available.

For all gear types, except trollers targeting albacore in the Pacific Ocean south of the Equator, estimates of annual catches, the number of vessels active, catch and effort data, and size composition data, covering a calendar year shall be provided by April 30 of the year following the calendar year (e.g. data covering calendar year “x” shall be provided by 30 April of year “x+1”).

For trollers targeting albacore in the Pacific Ocean south of the Equator, estimates of annual catches, the number of vessels active, catch and effort data, and size composition data, covering a fishing season (July to June) shall be provided by April 30 of the year following the year in which the season ends (e.g. data covering the season from July of year “x” to June of year “x+1” shall be provided by 30 April of year “x+2”).

Estimates of annual catches, the number of vessels active, catch and effort data, and size composition data should be revised, and the revisions provided to the Commission, as additional data become available.

#### **9. *Definition of the WCPFC Statistical Area***

The WCPFC Statistical Area is defined as follows: from the south coast of Australia due south along the 141° meridian of east longitude to its intersection with the 55° parallel of south latitude; thence, due east along the 55° parallel of south latitude to its intersection with the 150° meridian of east longitude; thence, due south along the 150° meridian of east longitude to its intersection with the 60° parallel of south latitude; thence, due east along the 60° parallel of south latitude to its intersection with the 130° meridian of west longitude; thence, due north along the 130° meridian of west longitude to its intersection with the 4° parallel of south latitude; thence, due west along the 4° parallel of south latitude to its intersection with the 150° meridian of west longitude; thence, due north along the 150° meridian of west longitude; and from the north coast of Australia due north along the 129° meridian of east longitude to its intersection with the 8° parallel of south latitude, thence due west along the 8° parallel of south latitude to the Indonesian archipelago; and from the Indonesian peninsula due east along the 2°30' parallel of north latitude to the Malaysian peninsula.

#### **10. *Periodic reviews of the requirements for scientific data***

The Commission, through its Scientific Committee, shall periodically review the requirements for scientific data and shall provide the Commission with revised versions of this recommendation, as appropriate.

## Annex 1. Standards for the Provision of Operational Level Catch and Effort Data

### 1. *Data items that shall be reported to the Commission*

#### 1.1 Vessel identifiers, for all gear types

Name of the vessel, country of registration, registration number, ~~and~~ international radio call sign, and UVI (i.e., IMO number) where applicable: The registration number is the number assigned to the vessel by the state that has flagged the vessel. A code may be used as a vessel identifier instead of the name of the vessel, registration number, ~~and~~ call sign, and UVI (i.e., IMO number) where applicable for vessels that have fished and that intend to fish only in the waters of national jurisdiction of the State that has flagged the vessel.

#### 1.2 Trip information, for all gear types

The vessel flag and fleet associated with a given trip should be submitted with the operational data for verification. The flag-state of a vessel is primarily managed through the Record of Fishing Vessels (RFV) and the charter notification scheme but including it with the trip data is important for verification. The fleet code is used to distinguish vessels that fish in a similar manner and has historically been used to inform assessment models.

The start of a trip is defined to occur when a vessel (a) leaves port after unloading part or all of the catch to transit to a fishing area or (b) recommences fishing operations or transits to a fishing area after transshipping part or all of the catch at sea (when this occurs in accordance with the terms and conditions of article 4 of Annex III of the Convention, subject to specific exemptions as per article 29 of the Convention).

Port or place of departure, date of departure, port or place of unloading, date of arrival in port: If the start of a trip coincides with recommencing fishing operations or transiting to a fishing area after transshipping part or all of the catch at sea, then “Transshipment at sea” shall be reported in lieu of the port of departure, and if the end of a trip coincides with transshipping part or all of the catch at sea, then “Transshipment at sea” shall be reported in lieu of the port of unloading. If a trip is ongoing at the time of the data submissions, the place of unloading should be reported as ‘ongoing’.

#### 1.3 Information on operations by longliners

Activity: This item shall be reported for each set and should be reported for days on which no sets were made, from the start of the trip to the end of the trip. Activities should include “a set”; “searching”; “no fishing — in transit”; “no fishing — gear breakdown”; “no fishing — bad weather”; “no fishing — in port”; and “no fishing — other”.

Date of start of set and time of start of set: The date and start of set time should be GMT/UTC. If no sets are made, the date and main activity should be reported.

Position of start of set: The position of start of set should be reported in units of at least minutes of latitude and longitude. If no sets are made for the day, the noon position should be reported.

Target species for the set: Record the primary target species, or group of species, for this set.

Mainline length: Record the mainline length (in kilometers) used in the trip or set, as appropriate.

Number of hooks per set

Primary bait type used in set: Record the FAO code(s)<sup>5</sup> for type of bait(s) used for the set.

Secondary bait type used in set: Record the FAO code(s) for type of bait(s) used for the set.

Tertiary bait type used in set: Record the FAO code(s) for type of bait(s) used for the set.

Length of branch line: Record the average length in meters of the branch lines in the trip or set. (The total length from the mainline to the hook).

Number of branch lines between floats. The number of branch lines between floats shall be reported for each set.

Length of float line: Record the average length in meters of the float lines in the set. (The total length from the float to the mainline).

Number of lightsticks used in set\*: Record the total number of lightsticks used in the set.

Vessel speed during setting: Record the average speed in knots of a vessel during line setting.

Speed of the line setter: Record the speed in knots of the line setter (i.e., the line shooter speed).

Number of fish/animals caught per set, for the key WCPFC species to be reported, and other species as determined by the Commission ([Annex 3](#)).

Weight (kg) of fish caught per set. ~~Estimated~~ <sup>W</sup>weights should represent whole weights rather than processed weights<sup>6</sup>.

Is discarded, is used to indicate whether the associated catch weight and numbers are associated with retained catch (0) or released/discarded catch (1). [Reporting of discarded/released catch is encouraged but non-binding, unless otherwise specified through WCPFC CMMs.](#)

If the total weight or average weight of fish caught per set has been recorded, then the total weight or average weight of fish caught per set, by species, shall also be reported. If the total weight or average weight of fish caught per set has not been recorded, then the total weight or average

<sup>5</sup> The taxa/species list in Table ST-01 represents the common bait types reported for the longline fishery, but see <https://www.fao.org/fishery/en/collection/asfis/en> for a complete list of FAO species codes.

<sup>6</sup> If weights cannot be provided from the logbook reported catches directly, weight estimates derived from average weights or additional information is acceptable.

weight of fish caught per set, by species, should be estimated and the estimates reported. The total weight or average weight shall refer to whole weights, rather than processed weights.

#### 1.4 Information on operations by pole-and-line vessels and related gear types

Activity: This item shall be reported for each day, from the start of the trip to the end of the trip. Activities should include “a day fishing or searching with bait onboard”; “no fishing — collecting bait”; “a day searching”; “no fishing — in transit”; “no fishing — gear breakdown”; “no fishing — bad weather”; “no fishing — in port”; and “no fishing — other”.

Date: The date should be GMT/UTC.

Noon position: The noon position should be reported in units of at least minutes of latitude and longitude.

Weight of fish caught per day (mt), for key WCPFC species to be reported and other species as determined by the Commission ([Annex 3](#)).

Number of fish/individuals caught per day, to capture discarded/released individuals for which an estimated weight cannot be obtained.

Is discarded, is used to indicate whether the associated catch weight and numbers are associated with retained catch (0) or released/discarded catch (1). [Reporting of discarded/released catch is encouraged but non-binding, unless otherwise specified through WCPFC CMMs.](#)

#### 1.5 Information on operations by purse seiners and related gear types

Activity: This item shall be reported for each set and for days on which no sets were made, from the start of the trip to the end of the trip. Activities should include “a set”; “a day searched, but no sets made”; “no fishing — in transit<sup>7</sup>”; “no fishing — gear breakdown”; “no fishing — bad weather”; “no fishing — in port”; and “no fishing — other”.

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<sup>7</sup> The current definition for a purse seine day in transit (‘a day in transit’) should only cover the following cases:

- Transiting from port to the tropical WCPFC area (10°N - 10°S); or
- Transiting back to port; or
- Transiting from one fishing zone to another in the Convention Area.

Where vessels are transiting as described above, the conditions of transit are that the gear is stowed, with the boom lowered and tied down, and the net covered.”\*\*

Footnote: \*\*Subject to any further clarification

Date of start of set, time of start of set and time of end of set: The date and time of the start of set and the time of end of set should be GMT/UTC. If no sets are made, the date and main activity should be reported.

Position of set or noon position: If a set is made, then the position of the set shall be reported. If searching occurs, but no sets are made, then the noon position shall be reported. The position should be reported in units of at least minutes of latitude and longitude.

School association: All common types of school association shall be reported, while uncommon types of associations shall be reported as “other”, including other explanation as appropriate. Common types of school association are “free-swimming” or “unassociated”; “feeding on baitfish”; “drifting log, debris or dead animal”; “drifting raft, FAD or payao”; “anchored raft, FAD or payao”; “live whale”; “live whale shark”; and “unknown”.

Weight of fish caught per set (mt), for key WCPFC species to be reported and other species as determined by the Commission ([Annex 3](#)).

Number of fish/animals caught per set, to capture discarded/released individuals, ~~including for cetaceans interactions,~~ for which an estimated weight cannot be obtained, ~~including for cetaceans interactions.~~

Is discarded, is used to indicate whether the associated catch weight and numbers are associated with retained catch (0) or released/discarded catch (1). [Reporting of discarded/released catch is encouraged but non-binding, unless otherwise specified through WCPFC CMMs.](#)

#### 1.6 Information on operations by trollers and related gear types

Activity: This item shall be reported for each day, from the start of the trip to the end of the trip. Activities should include “a day fished”; “a day searching”; “no fishing — in transit”; “no fishing — gear breakdown”; “no fishing — bad weather”; “no fishing — in port”; and “no fishing — other”.

Date: The date should be GMT/UTC.

Noon position: The noon position should be reported in units of at least minutes of latitude and longitude.

Number of fish caught per day, for the key WCPFC species to be reported and other species as determined by the Commission ([Annex 3](#)).

Weight of fish caught per day (mt), for the key WCPFC species to be reported and other species as determined by the Commission. Weights should represent whole weights rather than processed weights.

Is discarded, is used to indicate whether the associated catch weight and numbers are associated with retained catch (0) or released/discarded catch (1). [Reporting of discarded/released catch is encouraged but non-binding, unless otherwise specified through WCPFC CMMs.](#)

**2. *Geographic area to be covered by operational catch and effort data to be provided to the Commission***

The geographic area to be covered by operational catch and effort data to be provided to the Commission shall be the WCPFC Statistical Area, except for fisheries targeting albacore in the Pacific Ocean south of the Equator, for which the geographic area should be the Pacific Ocean south of the Equator.

**3. *Target coverage rate for operational catch and effort data to be provided to the Commission***

The target coverage rate for operational catch and effort data to be provided to the Commission is 100%.

**4. *Procedures for the verification of operational catch and effort data***

Operational catch and effort data should be verified as follows:

- a) The amount of the retained catch should be verified with records of unloading obtained from a source other than the crew or owner or operator of the fishing vessel, such as an agent of the company responsible for unloading or onward shipping or purchasing of the catch.
- b) Positions of latitude and longitude should be verified with information obtained from vessel monitoring systems.
- c) The species composition of the catch should be verified with sampling conducted by observers during fishing operations or by port samplers during unloading.

## Annex 2. Guidelines of operational level catch and effort data fields for longline, purse seine and pole-and-line gears

### A2.1.1 Longline operational data – TRIP INFORMATION

| FIELD                   | Reference text in Annex 1.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Binding | Notes on recommended submission requirements                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TRIP IDENTIFIER         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | YES     | Internally generated. Can be NATURAL KEY or unique integer. NATURAL KEY would be VESSEL + DEPARTURE DATE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| VESSEL FLAG             | 2-letter code of the flag-state the vessel is operating under for a given trip                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | YES     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| VESSEL FLEET            | 2-letter fleet code the vessel is associated with for a given trip                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | NO      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| VESSEL IDENTIFIER       | <p>Name of the vessel, country of registration, registration number, and international radio call sign, and UVI (i.e., IMO number) where applicable:</p> <p>The registration number is the number assigned to the vessel by the state that has flagged the vessel. A code may be used as a vessel identifier instead of the name of the vessel, registration number and call sign, and UVI (i.e., IMO number) for vessels that have fished and that intend to fish only in the waters of national jurisdiction of the State that has flagged the vessel.</p>                                                                                                                                                 | YES     | <p>Using a vessel identifier field (ideally the WCPFC VID) removes the redundancy of including all vessel attributes with each trip record and ensures standardisation and consistency through referencing the WCPFC Vessel Registry database.</p> <p>Please provide a separate list of Vessel attributes linked to the Vessel identifier field.</p>                                                                                                                                                                                                                                                                                                                                                           |
| PORT/PLACE OF DEPARTURE | <p>The start of a trip is defined to occur when a vessel (a) leaves port after unloading part or all of the catch to transit to a fishing area or (b) recommences fishing operations or transits to a fishing area after transshipping part or all of the catch at sea (when this occurs in accordance with the terms and conditions of article 4 of Annex III of the Convention, subject to specific exemptions as per article 29 of the Convention).</p> <p>If the start of a trip coincides with recommencing fishing operations or transiting to a fishing area after transshipping part or all of the catch at sea, then "Transshipment at sea" shall be reported in lieu of the port of departure.</p> | YES     | <p>Where possible, please provide the exact port code (POR_code) from the WCPFC reference list (<a href="https://data.wcpfc.int/reference-list/port">https://data.wcpfc.int/reference-list/port</a>). The addition of new ports into this reference, can requests by email to: <a href="mailto:support@wcpfc.freshdesk.com">support@wcpfc.freshdesk.com</a>. Alternatively, provide a standardised Port location code through the following facility <a href="https://unece.org/trade/cefact/unlocode-code-list-country-and-territory">https://unece.org/trade/cefact/unlocode-code-list-country-and-territory</a></p> <p>The WCPFC will consider the establishment of WCPFC LOCATION CODEs in the future.</p> |

|                                 |                                                                                                                                                                                                                                                                                                     |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PORT/PLACE OF UNLOADING         | If the end of a trip coincides with transshipping part or all of the catch at sea, then "ATSEA" code shall be reported in lieu of the port of unloading.                                                                                                                                            | YES               | Where possible, please provide the exact port code (POR_code) from the WCPFC reference list ( <a href="https://data.wcpfc.int/reference-list/port">https://data.wcpfc.int/reference-list/port</a> ). The addition of new ports into this reference, can requests by email to: <a href="mailto:support@wcpfc.freshdesk.com">support@wcpfc.freshdesk.com</a> . Alternatively, provide a standardised Port location code through the following facility <a href="https://unece.org/trade/cefact/unlocode-code-list-country-and-territory">https://unece.org/trade/cefact/unlocode-code-list-country-and-territory</a><br><br>Use 'ongoing' to flag trips that have not yet been completed<br><br>The WCPFC will consider the establishment of WCPFC LOCATION CODEs in the future. |
| DATE OF DEPARTURE               | <u>Date of departure from Port</u> . If the start of a trip coincides with recommencing fishing operations or transiting to a fishing area after transshipping part or all of the catch at sea, then date for the transshipment at sea shall be indicated. The date of departure should be GMT/UTC. | YES               | Recommend using ISO 8601 – Date only format                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| DATE OF UNLOADING /TRANSHIPMENT | <u>Date of return to Port</u> If the end of a trip coincides with transshipping part or all of the catch at sea, then date for the transshipment at sea shall be indicated. The date of unloading/transshipment should be GMT/UTC.                                                                  | <del>YES</del> NO | Recommend using ISO 8601 – Date only format<br><br>Date of unloading IS MANDATORY if a trip has concluded. If a trip is ONGOING at the time of submission, this field may be left blank.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

#### A2.1.2 Longline operational data – ACTIVITY INFORMATION

| FIELD                  | Reference text in Annex 1.                                                                                                                                                                                                                                                                                                   | Binding | Notes on recommended submission requirements                                                                                                                                                                                                                                                                                          |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TRIP IDENTIFIER        |                                                                                                                                                                                                                                                                                                                              | YES     | Internally generated. Can be NATURAL KEY or unique integer. NATURAL KEY would be VESSEL + DEPARTURE DATE                                                                                                                                                                                                                              |
| ACTIVITY IDENTIFIER    |                                                                                                                                                                                                                                                                                                                              | YES     | Internally generated. Can be NATURAL KEY or unique integer. NATURAL KEY would be DATE + START TIME OF ACTIVITY                                                                                                                                                                                                                        |
| ACTIVITY               | <u>Activity</u> : This item shall be reported for each set. Activities should include "a set".                                                                                                                                                                                                                               | YES     | Suggest using a standardised numeric code for each activity consistent with the WCPFC E-Reporting data field standards.<br><br>1 – "a set";<br>2 – "searching";<br>3 – "no fishing — in transit";<br>4 – "no fishing — gear breakdown";<br>5 – "no fishing — bad weather";<br>6 – "no fishing — in port";<br>7 – "no fishing — other" |
|                        | <u>Activity</u> : This item ... should be reported for days on which no sets were made, from the start of the trip to the end of the trip.<br>Activities should include "searching"; "no fishing — in transit"; "no fishing — gear breakdown"; "no fishing — bad weather"; "no fishing — in port"; and "no fishing — other". | NO      |                                                                                                                                                                                                                                                                                                                                       |
| DATE/TIME SET ACTIVITY | <u>Date of start of set and time of start of set</u> . The date and start of set time should be GMT/UTC.                                                                                                                                                                                                                     | YES     |                                                                                                                                                                                                                                                                                                                                       |

|                          | If no sets are made, the date and main activity should be reported.                                                                                                            | NO  | Please provide the NOON DATE/TIME for each day that the vessel is at sea when a set was not made on that day.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |                         |  |  |     |                         |     |                            |     |               |     |          |     |               |     |                              |     |               |     |                    |     |           |     |                      |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-------------------------|--|--|-----|-------------------------|-----|----------------------------|-----|---------------|-----|----------|-----|---------------|-----|------------------------------|-----|---------------|-----|--------------------|-----|-----------|-----|----------------------|
| POSITION OF START OF SET | <u>Position of start of set:</u>                                                                                                                                               | YES | Please provide position according to ISO 6709 – Positions in degrees and minutes (to 3 decimal places where relevant).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |          |                         |  |  |     |                         |     |                            |     |               |     |          |     |               |     |                              |     |               |     |                    |     |           |     |                      |
|                          | The position of start of set should be reported in units of at least minutes of latitude and longitude. If no sets are made for the day, the noon position should be reported. | NO  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |                         |  |  |     |                         |     |                            |     |               |     |          |     |               |     |                              |     |               |     |                    |     |           |     |                      |
| TARGET SPECIES           | Record the primary target species, or group of species, for this set.                                                                                                          | NO  | This should be a single 3-letter FAO species code. In the case of reporting species groups, use the appropriate FAO code, e.g., TUN for tunas.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |                         |  |  |     |                         |     |                            |     |               |     |          |     |               |     |                              |     |               |     |                    |     |           |     |                      |
| MAINLINE LENGTH          | Record the mainline length (in kilometers) used in the trip or set, as appropriate.                                                                                            | NO  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |                         |  |  |     |                         |     |                            |     |               |     |          |     |               |     |                              |     |               |     |                    |     |           |     |                      |
| PRIMARY BAIT TYPE        | Record the FAO code(s) <sup>8</sup> for type of bait(s) used for the set.                                                                                                      | NO  | <div>Example types:</div> <table><thead><tr><th>FAO Code</th><th>Taxa/species categories</th></tr></thead><tbody><tr><td></td><td></td></tr><tr><td>CLP</td><td>HERRINGS, SARDINES, NEI</td></tr><tr><td>DPT</td><td>DECAPHTHURUS SP. - MUROAJI</td></tr><tr><td>MAX</td><td>MACKERELS NEI</td></tr><tr><td>MIL</td><td>MILKFISH</td></tr><tr><td>MSD</td><td>MACKEREL SCAD</td></tr><tr><td>PIL</td><td>EUROPEAN PILCHARD (=SARDINE)</td></tr><tr><td>SAP</td><td>PACIFIC SAURY</td></tr><tr><td>SQU</td><td>VARIOUS SQUIDS NEI</td></tr><tr><td>TUN</td><td>TUNAS NEI</td></tr><tr><td>OTH</td><td>Comment on bait type</td></tr></tbody></table> | FAO Code | Taxa/species categories |  |  | CLP | HERRINGS, SARDINES, NEI | DPT | DECAPHTHURUS SP. - MUROAJI | MAX | MACKERELS NEI | MIL | MILKFISH | MSD | MACKEREL SCAD | PIL | EUROPEAN PILCHARD (=SARDINE) | SAP | PACIFIC SAURY | SQU | VARIOUS SQUIDS NEI | TUN | TUNAS NEI | OTH | Comment on bait type |
| FAO Code                 | Taxa/species categories                                                                                                                                                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |                         |  |  |     |                         |     |                            |     |               |     |          |     |               |     |                              |     |               |     |                    |     |           |     |                      |
|                          |                                                                                                                                                                                |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |                         |  |  |     |                         |     |                            |     |               |     |          |     |               |     |                              |     |               |     |                    |     |           |     |                      |
| CLP                      | HERRINGS, SARDINES, NEI                                                                                                                                                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |                         |  |  |     |                         |     |                            |     |               |     |          |     |               |     |                              |     |               |     |                    |     |           |     |                      |
| DPT                      | DECAPHTHURUS SP. - MUROAJI                                                                                                                                                     |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |                         |  |  |     |                         |     |                            |     |               |     |          |     |               |     |                              |     |               |     |                    |     |           |     |                      |
| MAX                      | MACKERELS NEI                                                                                                                                                                  |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |                         |  |  |     |                         |     |                            |     |               |     |          |     |               |     |                              |     |               |     |                    |     |           |     |                      |
| MIL                      | MILKFISH                                                                                                                                                                       |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |                         |  |  |     |                         |     |                            |     |               |     |          |     |               |     |                              |     |               |     |                    |     |           |     |                      |
| MSD                      | MACKEREL SCAD                                                                                                                                                                  |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |                         |  |  |     |                         |     |                            |     |               |     |          |     |               |     |                              |     |               |     |                    |     |           |     |                      |
| PIL                      | EUROPEAN PILCHARD (=SARDINE)                                                                                                                                                   |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |                         |  |  |     |                         |     |                            |     |               |     |          |     |               |     |                              |     |               |     |                    |     |           |     |                      |
| SAP                      | PACIFIC SAURY                                                                                                                                                                  |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |                         |  |  |     |                         |     |                            |     |               |     |          |     |               |     |                              |     |               |     |                    |     |           |     |                      |
| SQU                      | VARIOUS SQUIDS NEI                                                                                                                                                             |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |                         |  |  |     |                         |     |                            |     |               |     |          |     |               |     |                              |     |               |     |                    |     |           |     |                      |
| TUN                      | TUNAS NEI                                                                                                                                                                      |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |                         |  |  |     |                         |     |                            |     |               |     |          |     |               |     |                              |     |               |     |                    |     |           |     |                      |
| OTH                      | Comment on bait type                                                                                                                                                           |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |                         |  |  |     |                         |     |                            |     |               |     |          |     |               |     |                              |     |               |     |                    |     |           |     |                      |
| SECONDARY BAIT TYPE      | Record the FAO code(s) for type of bait(s) used for the set.                                                                                                                   | NO  | See PRIMARY BAIT TYPE notes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |          |                         |  |  |     |                         |     |                            |     |               |     |          |     |               |     |                              |     |               |     |                    |     |           |     |                      |
| TERTIARY BAIT TYPE       | Record the FAO code(s) for type of bait(s) used for the set.                                                                                                                   | NO  | See PRIMARY BAIT TYPE notes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |          |                         |  |  |     |                         |     |                            |     |               |     |          |     |               |     |                              |     |               |     |                    |     |           |     |                      |
| NUMBER OF HOOKS PER SET  | Number of hooks per set                                                                                                                                                        | YES |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |                         |  |  |     |                         |     |                            |     |               |     |          |     |               |     |                              |     |               |     |                    |     |           |     |                      |
| BRANCHLINE LENGTH        | Record the average length in meters of the branch lines in the trip or set. (The total length from the mainline to the hook).                                                  | NO  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |                         |  |  |     |                         |     |                            |     |               |     |          |     |               |     |                              |     |               |     |                    |     |           |     |                      |
| NUMBER OF BRANCHLINES    | Number of branch lines between floats. The number of branch lines between floats shall be reported for each set.                                                               | YES | The “Number of Branchlines” are also commonly referred to as “Hooks between floats” or “Branchlines between FLOATS” for some fleets.<br><a href="#">The “Number of Branchlines” can be null for non-fishing activities.</a>                                                                                                                                                                                                                                                                                                                                                                                                                         |          |                         |  |  |     |                         |     |                            |     |               |     |          |     |               |     |                              |     |               |     |                    |     |           |     |                      |
| FLOAT LINE LENGTH        | Record the average length in meters of the float lines in the set. (The total length from the float to the mainline).                                                          | NO  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |                         |  |  |     |                         |     |                            |     |               |     |          |     |               |     |                              |     |               |     |                    |     |           |     |                      |

<sup>8</sup> The taxa/species list in Table ST-01 represents the common bait types reported for the longline fishery, but see <https://www.fao.org/fishery/en/collection/asfis/en> for a complete list of FAO species codes.

|                         |                                                                              |    |  |
|-------------------------|------------------------------------------------------------------------------|----|--|
| LIGHTSTICKS USED        | Record the total number of lightsticks used in the set.                      | NO |  |
| VESSEL SETTING<br>SPEED | Record the average speed in knots of a vessel during line setting.           | NO |  |
| LINE SETTER<br>SPEED    | Record the speed in knots of the line setter (i.e., the line shooter speed). | NO |  |

### A2.1.3 Longline operational data – CATCH INFORMATION

| FIELD               | Reference text in Annex 1.                                                                                                                                                                          | Binding                                | Notes on recommended submission requirements                                                                                                                                                                                                                |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TRIP IDENTIFIER     |                                                                                                                                                                                                     | YES                                    | Internally generated. Can be NATURAL KEY or unique integer. NATURAL KEY would be VESSEL + DEPARTURE DATE                                                                                                                                                    |
| ACTIVITY IDENTIFIER |                                                                                                                                                                                                     | YES                                    | Internally generated. Can be NATURAL KEY or unique integer. NATURAL KEY would be DATE + START TIME OF ACTIVITY                                                                                                                                              |
| SPECIES CODE        | For each of the key WCPFC species and other species as determined by the Commission. (Annex 3)                                                                                                      | YES                                    | For each species taken in the set, PROVIDE the SPECIES CODE according to the FAO standard species code list.                                                                                                                                                |
|                     | Species that are not <a href="#">key WCPFC</a> key species.                                                                                                                                         | NO                                     | Other species not included in list of <a href="#">key WCPFC</a> species.                                                                                                                                                                                    |
| CATCH NUMBER        | <a href="#">Number of fish/animals caught per set</a> for each of the key WCPFC species and other species as determined by the Commission                                                           | YES                                    | For each of the key WCPFC species and others determined by the Commission, <a href="#">including for cetaceans (CMM 2024-07) and sea turtles (CMM 2018-04)</a> . Reporting of non-key species, when encountered, is encouraged.                             |
| CATCH WEIGHT        | <a href="#">Weight of fish caught per set</a> (kg) for each key WCPFC species and other species as determined by the Commission. Weight should represent whole weight rather than processed weight. | <a href="#">YES</a> <a href="#">NO</a> | For each of the key WCPFC species and others determined by the Commission. Reporting of non-key species, when encountered, is encouraged.<br><a href="#">If catch weight cannot be obtained for discarded/released catch, this field can be left blank.</a> |
| IS DISCARDED        | A binary (0 or 1) to indicate whether the catch record (number and weight) was retained (0) or discarded/released (1).                                                                              | YES                                    | <a href="#">Information on discarded/released catch is</a> required through other CMs for certain key WCPFC species <a href="#">and other species determined by the Commission</a> , with information on fate and life status.                              |

**Purse seine operational data –**  
**A2.2.1 TRIP INFORMATION**

| <b>FIELD</b>            | <b>Reference text in Annex 1.</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>Binding</b> | <b>Notes on recommended submission requirements</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TRIP IDENTIFIER         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <b>YES</b>     | Internally generated. Can be NATURAL KEY or unique integer. NATURAL KEY would be VESSEL + DEPARTURE DATE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| VESSEL FLAG             | 2-letter code of the flag-state under which the vessel is operating on a given trip                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>YES</b>     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| VESSEL FLEET            | 2-letter fleet code the vessel is associated with for a given trip                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>NO</b>      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| VESSEL IDENTIFIER       | <p>Name of the vessel, country of registration, registration number, and international radio call sign, and UVI (i.e., IMO number) where applicable:</p> <p>The registration number is the number assigned to the vessel by the state that has flagged the vessel. A code may be used as a vessel identifier instead of the name of the vessel, registration number, and call sign, and UVI (i.e., IMO number) where applicable for vessels that have fished and that intend to fish only in the waters of national jurisdiction of the State that has flagged the vessel.</p>                                                                                                                               | <b>YES</b>     | <p>Using a vessel identifier field (ideally the WCPFC VID) removes the redundancy of including all vessel attributes with each trip record and ensures standardisation and consistency through referencing the WCPFC Vessel Registry database.</p> <p>Please provide a separate list of Vessel attributes linked to the Vessel identifier field.</p>                                                                                                                                                                                                                                                                                                                                                           |
| PORT/PLACE OF DEPARTURE | <p>The start of a trip is defined to occur when a vessel (a) leaves port after unloading part or all of the catch to transit to a fishing area or (b) recommences fishing operations or transits to a fishing area after transshipping part or all of the catch at sea (when this occurs in accordance with the terms and conditions of article 4 of Annex III of the Convention, subject to specific exemptions as per article 29 of the Convention).</p> <p>If the start of a trip coincides with recommencing fishing operations or transiting to a fishing area after transshipping part or all of the catch at sea, then "Transshipment at sea" shall be reported in lieu of the port of departure.</p> | <b>YES</b>     | <p>Where possible, please provide the exact port code (POR_code) from the WCPFC reference list (<a href="https://data.wcpfc.int/reference-list/port">https://data.wcpfc.int/reference-list/port</a>). The addition of new ports into this reference, can requests by email to: <a href="mailto:support@wcpfc.freshdesk.com">support@wcpfc.freshdesk.com</a>. Alternatively, provide a standardised Port location code through the following facility <a href="https://unece.org/trade/cefact/unlocode-code-list-country-and-territory">https://unece.org/trade/cefact/unlocode-code-list-country-and-territory</a></p> <p>The WCPFC will consider the establishment of WCPFC LOCATION CODEs in the future.</p> |

### Purse seine operational data –

|                                  |                                                                                                                                                                                                                                                                                                     |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PORT/PLACE OF UNLOADING          | If the end of a trip coincides with transshipping part or all of the catch at sea, then “ATSEA” code shall be reported in lieu of the port of unloading.                                                                                                                                            | YES           | Where possible, please provide the exact port code (POR_code) from the WCPFC reference list ( <a href="https://data.wcpfc.int/reference-list/port">https://data.wcpfc.int/reference-list/port</a> ). The addition of new ports into this reference, can requests by email to: <a href="mailto:support@wcpfc.freshdesk.com">support@wcpfc.freshdesk.com</a> . Alternatively, provide a standardised Port location code through the following facility <a href="https://unece.org/trade/cefact/unlocode-code-list-country-and-territory">https://unece.org/trade/cefact/unlocode-code-list-country-and-territory</a><br>Use 'ongoing' to flag trips that have not yet been completed<br>The WCPFC will consider the establishment of WCPFC LOCATION CODEs in the future. |
| DATE OF DEPARTURE                | <u>Date of departure from Port</u> . If the start of a trip coincides with recommencing fishing operations or transiting to a fishing area after transshipping part or all of the catch at sea, then date for the transshipment at sea shall be indicated. The date of departure should be GMT/UTC. | YES           | Recommend using ISO 8601 – Date only format                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| DATE OF UNLOADING / TRANSHIPMENT | <u>Date of return to Port</u> If the end of a trip coincides with transshipping part or all of the catch at sea, then date for the transshipment at sea shall be indicated. The date of unloading/transshipment should be GMT/UTC.                                                                  | <u>YES/NO</u> | Recommend using ISO 8601 – Date only format<br>Date of unloading IS MANDATORY if a trip has concluded. If a trip is ONGOING at the time of submission, this field may be left blank.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

### A2.2.2

### ACTIVITY INFORMATION

| FIELD               | Reference text in Annex 1.                                                                                                                                                                                                                                                                                                                                            | Binding | Notes on recommended submission requirements                                                                            |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------------------------------------------------------------------------------------------------------------------------|
| TRIP IDENTIFIER     |                                                                                                                                                                                                                                                                                                                                                                       | YES     | Internally generated. Can be NATURAL KEY or unique integer. NATURAL KEY would be VESSEL + DEPARTURE DATE                |
| ACTIVITY IDENTIFIER |                                                                                                                                                                                                                                                                                                                                                                       | YES     | Internally generated. Can be NATURAL KEY or unique integer. NATURAL KEY would be DATE + START TIME OF ACTIVITY          |
| ACTIVITY            | <u>Activity</u> : This item shall be reported for each set and for days on which no sets were made, from the start of the trip to the end of the trip. Activities should include “a set”; “a day searched, but no sets made”; “no fishing — in transit”; “no fishing — gear breakdown”; “no fishing — bad weather”; “no fishing — in port”; and “no fishing — other”. | YES     | Suggest using a standardised numeric code for each activity consistent with the WCPFC E-Reporting data field standards. |

### Purse seine operational data –

|                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |            |                                                                                                                                                                                                                                                                                                                                             |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                      | <p><b>Activity:</b></p> <p>The current definition for a purse seine day in transit ('a day in transit') should only cover the following cases:</p> <ul style="list-style-type: none"> <li>Transiting from port to the tropical WCPFC area (10°N - 10°S); or</li> <li>Transiting back to port; or</li> <li>Transiting from one fishing zone to another in the Convention Area.</li> </ul> <p>Where vessels are transiting as described above, the conditions of transit are that the gear is stowed, with the boom lowered and tied down, and the net covered (subject to any further clarification).</p> |            | <p>1– “a set”;<br/> 2– “a day searched, but no sets made”;<br/> 3– “no fishing — in transit”;<br/> 4– “no fishing — gear breakdown”;<br/> 5– “no fishing — bad weather”;<br/> 6– “no fishing — in port”;<br/> 7– “no fishing — other”.</p> <p>The purse seine SET INFORMATION and CATCH INFORMATION should be used for every SET event.</p> |
| DATE/TIME ACTIVITY   | <b>Date/Time of Activity.</b> DATE/TIME shall be reported for each set and for days on which no sets were made in GMT/UTC. If searching occurs, but no sets are made, then NOON shall be reported as the TIME.                                                                                                                                                                                                                                                                                                                                                                                           | <b>YES</b> | <p>If the activity is 'a set' record DATE/TIME when the set started.</p> <p>Please provide the NOON DATE/TIME for each day that the vessel is at sea when a set was not made on that day.</p>                                                                                                                                               |
| POSITION OF ACTIVITY | <b>Position of set or noon position:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>YES</b> | Please provide position according to ISO 6709 – Positions in degrees and minutes (to 3 decimal places where relevant).                                                                                                                                                                                                                      |
|                      | If a set is made, then the position of the set shall be reported. If searching occurs, but no sets are made, then the noon position shall be reported. The position should be reported in units of at least minutes of latitude and longitude.                                                                                                                                                                                                                                                                                                                                                           | <b>NO</b>  |                                                                                                                                                                                                                                                                                                                                             |

### A2.2.3

### SET INFORMATION

| FIELD                  | Reference text in Annex 1.                                                                                                                                                           | Binding    | Notes on recommended submission requirements                                                                   |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|----------------------------------------------------------------------------------------------------------------|
| TRIP IDENTIFIER        |                                                                                                                                                                                      | <b>YES</b> | Internally generated. Can be NATURAL KEY or unique integer. NATURAL KEY would be VESSEL + DEPARTURE DATE       |
| ACTIVITY IDENTIFIER    |                                                                                                                                                                                      | <b>YES</b> | Internally generated. Can be NATURAL KEY or unique integer. NATURAL KEY would be DATE + START TIME OF ACTIVITY |
|                        |                                                                                                                                                                                      |            |                                                                                                                |
| DATE/TIME OF SET START | <b>Date of start of set and time of start of set.</b> CCMs shall provide information on how their vessels report time zone/format. The date and start of set time should be GMT/UTC. | <b>YES</b> |                                                                                                                |
| DATE/TIME OF END SET   | <b>Date of end of set and time of end of set.</b> CCMs shall provide information on how their vessels report time zone/format. The date and end of set time should be GMT/UTC.       | <b>YES</b> |                                                                                                                |

### Purse seine operational data –

|                    |                                                                                                                                                                                                                                                                                                                                                                                                                                    |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SCHOOL ASSOCIATION | <p>All common types of school association shall be reported, while uncommon types of associations shall be reported as “other”, including other explanation as appropriate.</p> <p>Common types of school association are “free-swimming” or “unassociated”; “feeding on baitfish”; “drifting log, debris or dead animal”; “drifting raft, FAD or payao”; “anchored raft, FAD or payao”; “live whale”; and “live whale shark”.</p> | YES | <p>Suggest using a standardised numeric code for each school type consistent with the WCPFC E-Reporting data field standards.</p> <ul style="list-style-type: none"> <li>0 No school type – searching activities only</li> <li>1 Unassociated (free school)</li> <li>2 Feeding on Baitfish (free school)</li> <li>3 Drifting log, debris or dead animal</li> <li>4 Drifting raft, FAD or payao</li> <li>5 Anchored raft, FAD or payao</li> <li>6 Live whale</li> <li>7 Live whale shark</li> <li>-1 Unknown</li> </ul> |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### A2.2.4

### CATCH INFORMATION

| FIELD               | Reference text in Annex 1.                                                                                                             | Binding | Notes on recommended submission requirements                                                                                                                                                                                              |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TRIP IDENTIFIER     |                                                                                                                                        | YES     | Internally generated. Can be NATURAL KEY or unique integer. NATURAL KEY would be VESSEL + DEPARTURE DATE                                                                                                                                  |
| ACTIVITY IDENTIFIER |                                                                                                                                        | YES     | Internally generated. Can be NATURAL KEY or unique integer. NATURAL KEY would be DATE + START TIME OF ACTIVITY                                                                                                                            |
| SPECIES CODE        | For each of the key WCPFC species and other species as determined by the Commission (Annex 3) The following species:                   | YES     | Key WCPFC Species.<br>For each species taken in the set, PROVIDE the SPECIES CODE according to the FAO standard species code list, including cetaceans in accordance with CMM 2024-07, and other species as determined by the Commission. |
|                     | Species that are not key WCPFC species.                                                                                                | NO      | Other species not included in list of Key WCPFC species.                                                                                                                                                                                  |
| CATCH WEIGHT        | Weight of fish caught per set (mt), for the key species to be reported to the WCPFC and other species as determined by the Commission. | YES     | For each of the key WCPFC species. Reporting of non-key species, when encountered, is encouraged.<br>If a weight cannot be obtained, in the case of discarded/released catch, this field may be left blank.                               |

*Purse seine operational data –*

|              |                                                                                                                                           |     |                                                                                                                                                                                                                                                                                                                                                                 |
|--------------|-------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CATCH NUMBER | Number of fish/animals caught per set for the key species to be reported to the WCPFC, and other species as determined by the Commission. | NO  | For each of the key WCPFC species, and other species as determined by the Commission. Catch in number is intended to capture discarded individuals that cannot be weighted, <a href="#">including for cetacean interactions</a> . All retained catch and catch that can be brought onboard and weight should also have an associated weight estimate.           |
| IS DISCARDED | A binary flag (0/1) to indicate whether the catch record (weight and/or number) was retained (0) or discarded/released (1).               | YES | <a href="#">Information on discarded/released catch is Discard information is</a> required through other CMMs for certain key WCPFC species <a href="#">and other species as determined by the Commission</a> , including cetaceans <del>and sea turtles</del> , consistent with CMM 2024-07 <del>and 2018-04</del> , with information on fate and life status. |

### A2.3.1

### TRIP INFORMATION

| FIELD                   | Reference text in Annex 1.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Binding | Notes on recommended submission requirements                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TRIP IDENTIFIER         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | YES     | Internally generated. Can be NATURAL KEY or unique integer. NATURAL KEY would be VESSEL + DEPARTURE DATE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| VESSEL FLAG             | 2-letter code of the flag-state the vessel is flying while operating on a given trip                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | YES     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| VESSEL FLEET            | 2-letter fleet code the vessel is associated with for a given trip                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | NO      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| VESSEL IDENTIFIER       | <p>Name of the vessel, country of registration, registration number, and international radio call sign, and UVI (i.e., IMO number) where applicable:</p> <p>The registration number is the number assigned to the vessel by the state that has flagged the vessel. A code may be used as a vessel identifier instead of the name of the vessel, registration number and call sign, and UVI (i.e., IMO number) where applicable for vessels that have fished and that intend to fish only in the waters of national jurisdiction of the State that has flagged the vessel.</p>                                                                                                                                | YES     | <p>Using a vessel identifier field (ideally the WCPFC VID) removes the redundancy of including all vessel attributes with each trip record and ensures standardisation and consistency through referencing the WCPFC Vessel Registry database.</p> <p>Please provide a separate list of Vessel attributes linked to the Vessel identifier field.</p>                                                                                                                                                                                                                                                                                                                                                           |
| PORT/PLACE OF DEPARTURE | <p>The start of a trip is defined to occur when a vessel (a) leaves port after unloading part or all of the catch to transit to a fishing area or (b) recommences fishing operations or transits to a fishing area after transshipping part or all of the catch at sea (when this occurs in accordance with the terms and conditions of article 4 of Annex III of the Convention, subject to specific exemptions as per article 29 of the Convention).</p> <p>If the start of a trip coincides with recommencing fishing operations or transiting to a fishing area after transshipping part or all of the catch at sea, then "Transshipment at sea" shall be reported in lieu of the port of departure.</p> | YES     | <p>Where possible, please provide the exact port code (POR_code) from the WCPFC reference list (<a href="https://data.wcpfc.int/reference-list/port">https://data.wcpfc.int/reference-list/port</a>). The addition of new ports into this reference, can requests by email to: <a href="mailto:support@wcpfc.freshdesk.com">support@wcpfc.freshdesk.com</a>. Alternatively, provide a standardised Port location code through the following facility <a href="https://unece.org/trade/cefact/unlocode-code-list-country-and-territory">https://unece.org/trade/cefact/unlocode-code-list-country-and-territory</a></p> <p>The WCPFC will consider the establishment of WCPFC LOCATION CODEs in the future.</p> |
| PORT/PLACE OF UNLOADING | <p>If the end of a trip coincides with transshipping part or all of the catch at sea, then "ATSEA" code shall be reported in lieu of the port of unloading.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | YES     | <p>Where possible, please provide the exact port code (POR_code) from the WCPFC reference list (<a href="https://data.wcpfc.int/reference-list/port">https://data.wcpfc.int/reference-list/port</a>). The addition of new ports into this reference, can requests by email to: <a href="mailto:support@wcpfc.freshdesk.com">support@wcpfc.freshdesk.com</a>. Alternatively, provide a standardised Port location code through the following facility <a href="https://unece.org/trade/cefact/unlocode-code-list-country-and-territory">https://unece.org/trade/cefact/unlocode-code-list-country-and-territory</a></p> <p>Use 'ongoing' to flag trips that have not yet been completed</p>                     |

|                                  |                                                                                                                                                                                                                                                                                                    |               |  |                                                                                                                                                                                      |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                  |                                                                                                                                                                                                                                                                                                    |               |  | The WCPFC will consider the establishment of WCPFC LOCATION CODEs in the future.                                                                                                     |
| DATE OF DEPARTURE                | <b>Date of departure from Port.</b> If the start of a trip coincides with recommencing fishing operations or transiting to a fishing area after transshipping part or all of the catch at sea, then date for the transshipment at sea shall be indicated. The date of departure should be GMT/UTC. | <b>YES</b>    |  | Recommend using ISO 8601 – Date only format                                                                                                                                          |
| DATE OF UNLOADING / TRANSHIPMENT | <b>Date of return to Port</b> If the end of a trip coincides with transshipping part or all of the catch at sea, then date for the transshipment at sea shall be indicated. The date of unloading/transshipment should be GMT/UTC.                                                                 | <b>YES/NO</b> |  | Recommend using ISO 8601 – Date only format<br>Date of unloading IS MANDATORY if a trip has concluded. If a trip is ONGOING at the time of submission, this field may be left blank. |

### A2.3.2

### DAILY INFORMATION

| FIELD               | Reference text in Annex 1.                                                                                                                                                                                                                                                                                                             | Binding    | Notes on recommended submission requirements                                                                                                                                                                                                                                                                         |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TRIP IDENTIFIER     |                                                                                                                                                                                                                                                                                                                                        | <b>YES</b> | Internally generated. Can be NATURAL KEY or unique integer. NATURAL KEY would be VESSEL + DEPARTURE DATE                                                                                                                                                                                                             |
| ACTIVITY IDENTIFIER |                                                                                                                                                                                                                                                                                                                                        | <b>YES</b> | Internally generated. Can be NATURAL KEY or unique integer. NATURAL KEY would be DATE + START TIME OF ACTIVITY                                                                                                                                                                                                       |
| ACTIVITY            | <b>Activity:</b> This item shall be reported for each day, from the start of the trip to the end of the trip.<br><br>Activities should include “a day fishing or searching with bait onboard”; “no collecting bait”; “no fishing — in transit”; “no fishing — gear breakdown”; “no fishing — bad weather”; and “no fishing — in port”. | <b>YES</b> | Suggest using a standardised numeric code for each activity.<br><br>1– “a day fishing or searching with bait onboard”;<br>2– “no collecting bait”;<br>3– “no fishing — in transit”;<br>4– “no fishing — gear breakdown”;<br>5– “no fishing — bad weather”;<br>6– “no fishing — in port”;<br>7– “no fishing — other”. |
| DATE                | <b>Date (at sea).</b> The date should be GMT/UTC. Please provide the <b>NOON DATE</b> day that the vessel is at sea when a set was not made on that day.                                                                                                                                                                               |            |                                                                                                                                                                                                                                                                                                                      |
| NOON POSITION       | <b>Noon position:</b> The noon position should be reported in units of at least minutes of latitude and longitude.                                                                                                                                                                                                                     | <b>YES</b> | Please provide position according to ISO 6709 – Positions in degrees and minutes (to 3 decimal places where relevant).                                                                                                                                                                                               |

|

### A2.3.3

### CATCH INFORMATION

| FIELD               | Reference text in Annex 1.                                                                                                                               | Binding | Notes on recommended submission requirements                                                                                                                                                                                                                                                   |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TRIP IDENTIFIER     |                                                                                                                                                          | YES     | Internally generated. Can be NATURAL KEY or unique integer. NATURAL KEY would be VESSEL + DEPARTURE DATE                                                                                                                                                                                       |
| ACTIVITY IDENTIFIER |                                                                                                                                                          | YES     | Internally generated. Can be NATURAL KEY or unique integer. NATURAL KEY would be DATE + START TIME OF ACTIVITY                                                                                                                                                                                 |
| SPECIES CODE        | <a href="#">For each of the key WCPFC species and other species as determined by the Commission (Annex 3) The following species:</a>                     | YES     | <del>Key WCPFC Species.</del><br>For each species taken in the set, PROVIDE the SPECIES CODE according to the FAO standard species code list.                                                                                                                                                  |
|                     | <a href="#">Species that are not key WCPFC key-species.</a>                                                                                              | NO      | Other species not included in list of Key WCPFC species.                                                                                                                                                                                                                                       |
| CATCH WEIGHT        | <a href="#">Weight of fish caught per day (mt)</a> , for the key species to be reported to the WCPFC, and other species as determined by the Commission. | YES     | For each of the key WCPFC species and other species as determined by the Commission. Reporting non-key species, when encountered, is encouraged.<br><a href="#">If catch weight cannot be obtained for discarded/released catch, this field can be left blank.</a>                             |
| CATCH NUMBER        | Number of fish/animals caught per day, for the key species to be reported to the WCPFC and other species as determined by the Commission.                | NO      | For each of the key WCPFC species and other species as determined by the Commission. Catch in number is intended to capture discarded individuals that cannot be weighted. All retained catch and catch that can be brought onboard and weight should also have an associated weight estimate. |
| IS DISCARDED        | Binary flag (0/1) to indicate whether the catch record was retained (0) or discarded/ <a href="#">released</a> (1).                                      | YES     | <a href="#">Information on discarded/released catch is required through other CMMs for certain key WCPFC species and other species as determined by the Commission.</a>                                                                                                                        |

### Annex 3. KEY SPECIES TO BE REPORTED TO THE WCPFC

| Species name                                               | FAO Code                     |
|------------------------------------------------------------|------------------------------|
| albacore ( <i>Thunnus alalunga</i> ),                      | ALB                          |
| bigeye ( <i>Thunnus obesus</i> ),                          | BET                          |
| Pacific bluefin ( <i>Thunnus orientalis</i> )              |                              |
| skipjack ( <i>Katsuwonus pelamis</i> ),                    | SKJ                          |
| yellowfin ( <i>Thunnus albacares</i> ),                    | YFT                          |
| striped marlin ( <i>Tetrapturus audax</i> ),               | MLS                          |
| blue marlin ( <i>Makaira mazara</i> ),                     | BUM                          |
| black marlin ( <i>Makaira indica</i> )                     | BLM                          |
| swordfish ( <i>Xiphias gladius</i> ),                      | SWO                          |
| shortbill spearfish ( <i>Tetrapturus angustirostris</i> )  | SSP                          |
| sailfish ( <i>Istiophorus platypterus</i> )                | SFA                          |
| blue shark,                                                | BSH                          |
| silky shark,                                               | FAL                          |
| oceanic whitetip shark,                                    | OCS                          |
| mako sharks,                                               | MAK, SMA, LMA                |
| thresher sharks,                                           | THR, ALV, PTH, BTH           |
| porbeagle shark,                                           | POR                          |
| hammerhead sharks (winghead, scalloped, great, and smooth) | SPN, SPK, SPL, SPZ, SPQ, EUB |
| whale shark,                                               | RHN                          |
| other species as determined by the Commission.             |                              |

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### SIZE COMPOSITION DATA

#### Annex 4. SIZE COMPOSITION DATA

3

| FIELD             | Reference text in Annex 1.                                                                   | Binding | Notes on recommended submission requirements                                                                                                                                                                                                                            |
|-------------------|----------------------------------------------------------------------------------------------|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CCM               | 2-letter CCM code                                                                            |         |                                                                                                                                                                                                                                                                         |
| YEAR              | 4-digit code for the year associated with the sampling information provided                  |         |                                                                                                                                                                                                                                                                         |
| CONTACT NAME      | Name of the individual who submitted this information.                                       |         |                                                                                                                                                                                                                                                                         |
| CONTACT POSITION  | Position/role of the individual who submitted this information.                              |         |                                                                                                                                                                                                                                                                         |
| CONTACT EMAIL     | Email address of the individual who submitted this information.                              |         |                                                                                                                                                                                                                                                                         |
| SAMPLING LOCATION | Report on the sampling location/platform where the size data were collected.                 |         | 1 = Port/landing location<br>2 = Fish market/auction<br>3 = Onboard fishing vessel<br>4 = Processing plant<br>5 = Research vessel<br>6 = Unknown, but may be provided upon request<br>7 = Unknown, may not be available                                                 |
| SAMPLER POSITION  | Is the role of the sampler(s) known?                                                         |         | 1 = Skipper/crew<br>2 = Trained port sampler<br>3 = Fishing company staff<br>4 = Research staff/student<br>5 = Fisheries compliance officer<br>6 = Other, please note in comments<br>7 = Unknown, but may be provided upon request<br>8 = Unknown, may not be available |
| CATCH SORTED      | Was the sampled catch pre-sorted or graded in any manner before size sampling occurred?      |         | 0 = No<br>1 = Yes<br>9 = Unknown                                                                                                                                                                                                                                        |
| SORTING DETAILS   | Please briefly describe in free text how the catch was pre sorted is CATCH SORTED = 1 (Yes). |         |                                                                                                                                                                                                                                                                         |

|                  |                                                                                                                                        |  |                                                                                                                                                                                                                                                                                                                                                          |
|------------------|----------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| DEVICE USED      | The type of measurement device used to obtain the size data                                                                            |  | 1 = Adjustable caliper<br>2 = Straight measuring stick/rule<br>3 = Fish measuring board<br>4 = Tape measure<br>5 = Measuring mat<br>6 = Electronic (digital) scale (for weights)<br>7 = Analog scale (for weights)<br>8 = Multiple devices (list corresponding numbers in the field DEVICE COMBO)<br>9 = Other, detail in comments field<br>10 = Unknown |
| DEVICE COMBO     | If the response for DEVICE USED was 8 (multiple devices used), please detail the corresponding numbers in this field, comma separated. |  | Example:<br>1,3,6                                                                                                                                                                                                                                                                                                                                        |
| REMOVE DATA      | Can size data records that were obtained without the use of a measurement device be identified and removed?                            |  | 0 = No<br>1 = Yes<br>9 = Unknown                                                                                                                                                                                                                                                                                                                         |
| DEVICE PHOTOS    | Can photos of the sampling device(s) be provisioned, upon request?                                                                     |  | 0=No<br>1 = Yes<br>9 = Unknown                                                                                                                                                                                                                                                                                                                           |
| PROTOCOL USED    | Was an established sampling protocol used to guide the size data collection?                                                           |  | 0=No<br>1 = Yes<br>9 = Unknown                                                                                                                                                                                                                                                                                                                           |
| PROTOCOL LINK    | If an established protocol was used, please provide the link to that document, if available.                                           |  |                                                                                                                                                                                                                                                                                                                                                          |
| PROTOCOL APPLIED | Was the sampling protocol applied, if PROTOCOL USED = 1 (Yes)                                                                          |  | 0=No<br>1 = Yes<br>9 = Unknown<br>-1: Not applicable                                                                                                                                                                                                                                                                                                     |
| DQ PROCESSES     | Was refresher training provided to samplers and/or data quality processes applied to the collected data?                               |  | 0=No<br>1 = Yes<br>9 = Unknown                                                                                                                                                                                                                                                                                                                           |
| DQ DETAILS       | Can details of the data quality processes or refresher training materials be provisioned upon request?                                 |  | 0=No<br>1 = Yes<br>9 = Unknown                                                                                                                                                                                                                                                                                                                           |
| STANDARD CODES   | Were standard SPC measurement codes used?                                                                                              |  | 0=No<br>1 = Yes<br>9 = Unknown                                                                                                                                                                                                                                                                                                                           |
| CODE REFERENCE   | If the response to STANDARD CODES = 0 (No), can reference lists for the codes used be provided?                                        |  | 0=No<br>1 = Yes<br>9 = Unknown                                                                                                                                                                                                                                                                                                                           |

|                    |                                                                                                                                                      |                                                                                                                                                                                            |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| RAW SIZE           | Are all size data provided in their raw (measured) form (i.e., no conversion applied)?                                                               | 0=No<br>1 = Yes<br>9 = Unknown                                                                                                                                                             |
| CONVERSION FACTORS | If the answer to RAW SIZE = 0 (No), can the conversion factors, if used, be provided to the SSP?                                                     | 0=No<br>1 = Yes<br>9 = Unknown                                                                                                                                                             |
| WHO TO CONTACT     | Please provide the preferred contact person's email address to follow up on any questions arising from this information or the size data themselves. | Email address                                                                                                                                                                              |
| COMMENTS           | If additional comments are required, please use the following format:<br>FIELD NAME: comments...; FIELD NAME: separate comments; ...                 | Comments should follow the field name as indicated in the data template followed by a colon (:) and then the free text comment. Please use a semi-colon (;) to separate multiple comments. |