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## 8<sup>TH</sup> MEETING OF THE COMPLIANCE AND TECHNICAL COMMITTEE (CTC)

*Held remotely, 21 to 23 January 2021*

### CTC 8 – Doc 13

### Squid data collection templates as required by CMMs 12 and 18

*Secretariat*

#### 1. Introduction

Decisions made at [COMM-8](#) required three templates to be developed for data collection in the Squid fishery. This paper was developed to allow the Commission to focus on the decisions needed to finalise and implement these templates.

#### CTC8 is requested to:

- Recommend that the simplified template for the reporting of transshipment details is approved and incorporated into [CMM 12-2020](#) (Transshipment) by adding an additional Annex and modifying paragraph 8 as follows:

*“The competent authorities of the unloading fishing vessel and the receiving fishing vessel shall notify all the operational details to the Secretariat, as specified in Annex 3, no later than 7 days after the transshipment is carried out. For vessels engaged in the jumbo flying squid fishery, the competent authorities shall notify the operational details within 20 days of the end of each quarter using the simplified template **as specified in Annex 4.** ~~to be developed by the Secretariat and submitted to the CTC and the Commission for consideration at the annual meeting in 2021.~~”*

- Recommend that the Squid Monthly Catch and Effort data template (annual catch report detailing catches on a monthly basis) is approved and incorporated into [CMM 18-2020](#) (Squid) by modifying paragraph 3 of the CMM as follows:

*“Each Member and CNCP participating in the jumbo flying squid fishery shall collect, verify, and provide all required data to the Executive Secretary, in accordance with CMM 02-2020 (Data Standards) and using the templates prepared by the Secretariat and available on the SPRFMO website, including an annual catch report detailing catches on a monthly basis.” ~~The template for the reporting of catch and effort data shall be developed by the Secretariat and submitted to the Scientific Committee and the Commission for consideration at the annual meeting in 2021.~~”*

- Recommend that the Observer Squid Jig template as agreed by the Scientific Committee is included as Annex 7E of [CMM 02-2020](#) (Data Standards).



## 2. Simplified template for transshipment details

Paragraph 8 of [CMM 12-2020 \(Transshipment\)](#) required a simplified template for the reporting of the operational details of transshipments (for vessels engaged in the jumbo flying squid fishery) to be developed by the Secretariat and submitted to the CTC and the Commission for consideration at the annual meeting in 2021.

[CMM 12-2020 \(Transshipment\)](#) annex 3 specifies 35 fields of information to be reported for each species/state combination transhipped. A simplified list with only 17 fields is proposed in Annex 1 of this document. This simplified list does not allow for the possibility that the transshipment is occurring in port (any such transshipments would need to be reported on the *annex 3* template) and collects only information about the vessels involved in the transshipment, the date, the location and the type and amount of product transhipped. The vessel name, call sign and IMO number of the transshipping vessels are all included in this simplified list because identification of the vessels involved is extremely important, and errors are frequently observed in the data received, meaning that some level of redundancy is necessary to ensure proper identification.

CTC8 is invited to consider recommending that the template proposed in Annex 1 of this document is accepted so that it can be used in the squid fishery in 2021 and amend paragraph 8 of CMM 12-2020 to remove reference to template development.

## 3. Annual catch report detailing catches on a monthly basis

Paragraph 3 of [CMM 18-2020 \(Squid\)](#) required that a template for the reporting of catch and effort data (annual catch report detailing catches on a monthly basis) be developed by the Secretariat and submitted to the Scientific Committee and the Commission for consideration at the annual meeting in 2021.

Paragraph 160 of the [SC8-Report](#) notes that the SC agreed that the Squid Monthly Catch and Effort data template presented to the Scientific Committee by the Secretariat in [SC8-SQ01\\_rev1](#) was appropriate at this time and recommended that it should be used to collect this type of data from the squid fishery. Details are included in Annex 2.

CTC8 is invited to consider recommending that the template in Annex 2 is accepted so that it can be used in the squid fishery in 2021 and amend paragraph 3 of CMM 18-2020 to remove reference to the template development.

## 4. Observer Squid Jig template

Paragraph 10 of [CMM 18-2020 \(Squid\)](#) required that Observers collect and report data as described in [CMM 02-2020 \(Data Standards\)](#). This measure does not yet have an Annex to describe how squid jigging data should be collected, but the [COMM 8 – Report Annex 8a](#) 2020 Scientific Committee multi-annual work plan specified that an Observer data collection template would be developed by China and Chile with the Secretariat and CALAMASUR for consideration by the Scientific Committee.

Paragraph 161 of the [SC8-Report](#) notes that a template for the collection of observer data was developed by the Squid Working Group Chairperson, Dr Gang Li (China). The template was discussed at length by the Scientific Committee and paragraph 165 notes that the Scientific Committee accepted the template with the understanding that the Secretariat would make updates as agreed by the SC and specified in Paragraph 162.

CTC8 is invited to consider recommending that the template included as Annex 3 is inserted into CMM 02 so that it can be used in the Squid fishery in 2021.



## Annex 1: Proposed simplified Transshipment details template

<b>CMM 12-2020 annex 3</b>	
<b>Transshipment information to be reported</b>	<b>Simplified template</b>
<b>Details of Unloading Vessel</b>	<b>Details of Unloading Vessel</b>
Name of vessel	Name of vessel
Registration number	
Radio call sign	Radio call sign
Vessel flag State	Vessel flag
Fishing Vessel IMO Number/HIS Fairplay number (if applicable)	IMO Number
Name and nationality of vessel master	
<b>Details of Receiving Vessel</b>	<b>Details of Receiving Vessel</b>
Name of vessel	Name of vessel
Registration number	
Radio call sign	Radio call sign
Vessel flag State (Unloading Vessel)	Vessel flag
Fishing Vessel IMO Number/HIS Fairplay number (if applicable)	IMO Number
Name and nationality of vessel master	
<b>Details of Transshipment Operation</b>	<b>Details of Transshipment Operation</b>
Date and time of commencement of transshipment (UTC)	Start datetime of transshipment
Date and time of completion of transshipment (UTC)	End datetime of transshipment
If transhipped in port: i. Port State, name of port and port code	
If transhipped at sea: i. Position (nearest 1/10 <sup>th</sup> degree) at commencement of transshipment (decimal)	Start Position Latitude (decimal degrees) Start Position Latitude (decimal degrees)
If transhipped at sea: ii. Position (nearest 1/10 <sup>th</sup> degree) at completion of transshipment (decimal)	



<b>CMM 12-2020 annex 3</b>	
<b>Transshipment information to be reported</b>	<b>Simplified template</b>
Hold numbers in receiving vessel in which product is stowed	
Destination port of receiving vessel	
Arrival date estimate	
Landing date estimate	
<b>Details of Fishery Resources Transhipped</b>	<b>Details of Fishery Resources Transhipped</b>
Species transhipped i. Description of fish, by product type (e.g. whole, frozen fish)	Species Code Description of product type/ landed state
Species transhipped ii. Number of cartons and net weight (kg) of product, by species	Container/ Carton Type (e.g. 25 kg carton) Number of Containers/Cartons
Species transhipped iii. Total net weight of product transhipped (kg)	Total net/ content weight of all containers transhipped by species (kg)
Fishing gear used	
<b>Verification (if Applicable)</b>	<b>Verification (if Applicable)</b>
Name of observer	
Authority	



## Annex 2: Data required in the squid monthly catch and effort template agreed by SC8.

Squid monthly catch and effort template	Additional Explanation
Participant	The Member or CNCP for whom this annual catch on a monthly basis applies
Calendar Year	The calendar year to which this report relates
Month	The month to which this report relates (either "JAN", "FEB", "MAR", "APR", "MAY", "JUN", "JUL", "AUG", "SEP", "OCT", "NOV", "DEC")
Sea Type (HS or EEZ)	Either 'HS' – High Seas - or 'EEZ' – Exclusive Economic Zone. (note, catches in the EEZ should include Territorial Waters)
FAO Statistical Area (Standard Area List Code)	The FAO major fishing area where this catch was taken. The SPRFMO Area overlaps FAO57, FAO71, FAO77, FAO81 and FAO87.
Fishing method	The type of fishing gear being used as specified from the standard ISSCFG fishing gear standards in Annex 9 of CMM 02, for example either 09.1.0 or LHP for handlines and pole-lines (hand-operated) or 09.2.0 or LHM for handlines and pole-lines (mechanized).
Species/ group code (FAO 3-alpha code)	The FAO 3 letter code for the species or species group caught, using codes from the table on the FAO website ( <a href="http://www.fao.org/fishery/collection/asfis/en">http://www.fao.org/fishery/collection/asfis/en</a> )
Catch Total (tonnes "live" weight- t)	The total catch for this species or species group in Tonnes raised to "live" weight or greenweight.
Number of vessels	The number of vessels that actively fished in this month.
Number of days fished	The total number of fishing days (across all vessels) in this month.



## Annex 3: Observer Squid Jigging template for CMM 02-2020

### *E. Catch & Effort Data to be Collected for Squid Jig Fishing Activity*

*(Taking into account Annex 8)*

1. Data are to be collected on a daily basis for all observed squid jig effort.

The following data are to be collected for each observed day of squid jig effort:

- a) Fishing start date and time (UTC)
- b) Fishing end date and time (UTC)
- c) Position at start of drift (1/10<sup>th</sup> degree - decimal) latitude and longitude
- d) Position at end of drift (1/10<sup>th</sup> degree - decimal) latitude and longitude
- e) Intended target species (FAO species code)
- f) Blast freezing throughput (tonnes per hour)
- g) Total deck light power (kW)
- h) Number of hand jig lines
- i) Number of single jig machines
- j) Number of double jig machines
- k) Number of jigs per line
- l) Bycatch mitigation measures employed (if applicable)
- m) Estimated catch of all species (FAO species code) retained on board, split by species, in live weight (to the nearest kg)
- n) Estimated catch of all species (FAO species code) discarded, split by species, in live weight (to the nearest kg), including all benthic taxa
- o) If any marine mammals, seabirds, reptiles or other species of concern were caught, report as per requirements described in Section G