



CWP

Coordinating Working Party on Fishery Statistics

Guidelines for the implementation of logbook data for statistical purposes

Prepared for 27th CWP Intersession Meeting

CWP Secretariat

Related to: Agenda item 5.5.1 (document CWP-IS/2022/3)



CWP-26 (2019)

- CWP Secretariat submitted a proposal to CWP-26 on developing global guidelines for capture fisheries logbooks (CWP-IS/2019/9)
- The purpose of the proposal was to
 - outline the use of logbooks for collecting data for use in implementing CWP capture fisheries statistics
 - expand the CWP Handbook section on **Logbooks and VMS**
- CWP-26 reviewed the proposal and identified 5 points which required further consideration (...following slides)
- The guidelines were referred to TG-RH2 for further consideration during 2019-22

CWP-27

- A revised proposal which addresses/develops the points raised at CWP-26 and builds on the work of TG-RH2

CWP-26 point a:

The purpose of the logbook guidelines needed further consideration and development

Revised guidelines...

- The purpose of the guidelines is to outline the minimum logbook data requirements needed to implement regional and global capture fisheries statistics, using CWP concepts, standard measures, data structures and CWP standards and classifications.

CWP-26 points b-c:

The capture fishery concept required further consideration (including 'fishing activity' and its relationship to FLUX)

Revised guidelines...

- The capture fishery concept has been re-cast to focus on **statistics** and CWP objectives, and to better align with the fishing activity concept of FLUX.

Noting ...

- FLUX defines the fishing activity concept in a **MSC context** which encompasses all data related to a fishing trip including fishing operations, searching for fish, prior notifications, transhipments, landings, departing and returning to port, entering and exiting an area, relocations, discards and processing on board.

... will return to this

CWP-26 point d:

The term ‘logbook’ in the context of statistics should be replaced with ‘fishing activity information’

Revised guidelines...

- In the context of **CWP**, logbooks are used to denote a broad range of data types (e.g. from data reported in a logsheet recording the daily activity of a small-scale fisher → data reported in a detailed logbook recording information per fishing event/set/haul). Logbooks provide a record of fishing activities for a fisher as well as a method of collecting statistical information from capture fisheries.
- In the context of **FLUX** and for MSC purposes, logbooks include all fishing activity reports as well as corrections, cancellations and deletions of reported activities.
- The CWP Secretariat proposes that the revised guidelines retain the term ‘logbook’ in the context of CWP’s core statistics, data related business including a **logbook data structure** and the continued development of the CWP Handbook section on **Logbooks and VMS**.
- The guidelines do not cover information on post-landing operations, prior notifications, transhipments and other fishing activities which do not directly inform capture fisheries statistics.

Generally included in fishery activity information

CWP-26 point e:

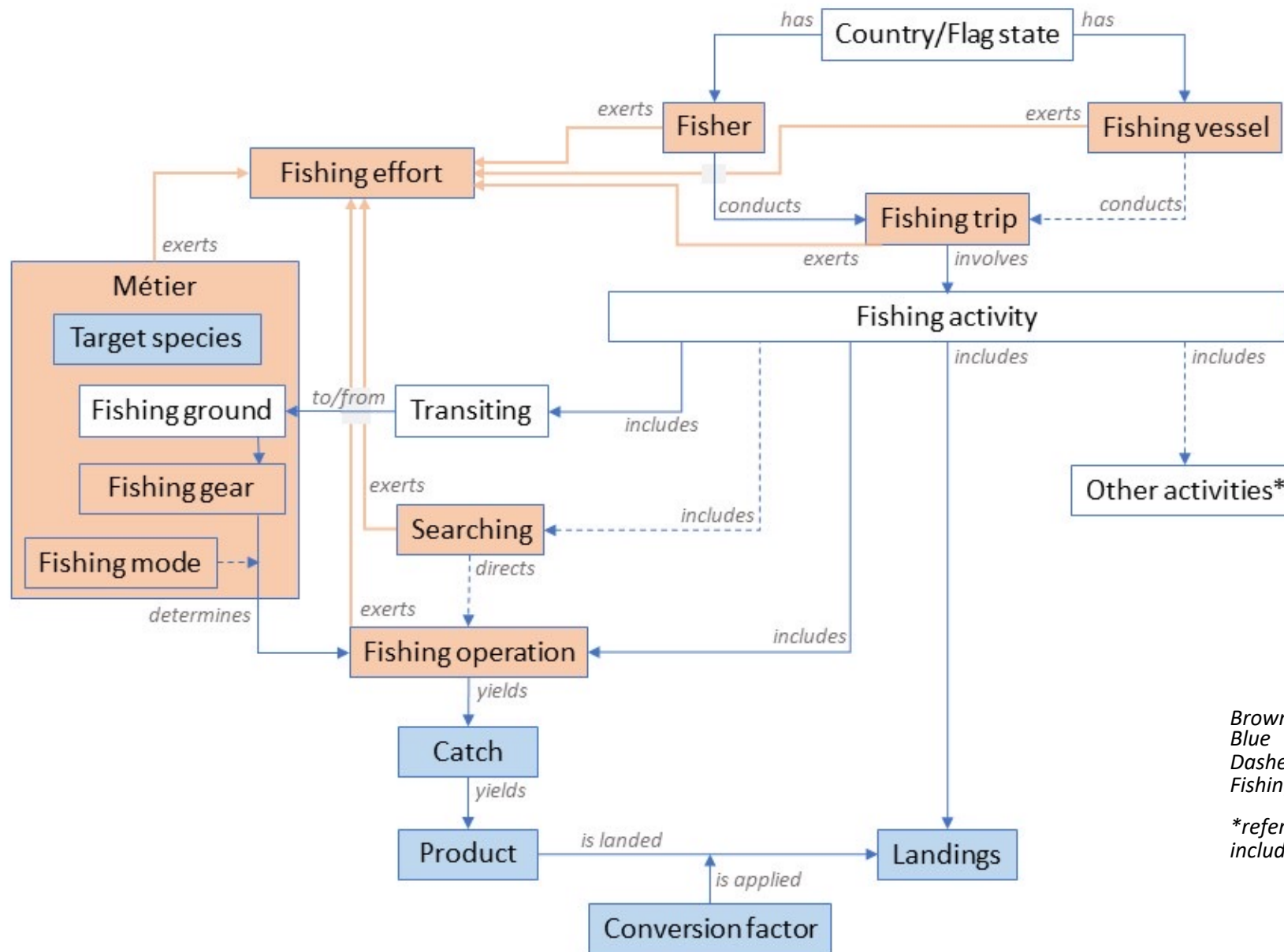
COFI has a definition for a fishery in the context of eco-labelling and that definition can be hosted on the CWP website.

- The COFI definition was developed for ecolabelling processes and does not fully encompass CWP's broad consideration of capture fisheries in the context of regional and global statistics, including fisheries which have multi-gears and/or multi-sectors.
- The CWP Secretariat proposes that the FIRMS definition of a fishery is more closely aligned with CWP objectives. That definition includes five thematic approaches including 'métier' and 'production system' which are well suited to the logbook viewpoint.

FIRMS definition (2006, modified from FAO glossary of fisheries)

'a fishery is an activity leading to the harvesting of fish, within the boundaries of a defined area. The fishery concept fundamentally gathers indication of human fishing activity, including from economic, management, biological/environmental and technological viewpoints'

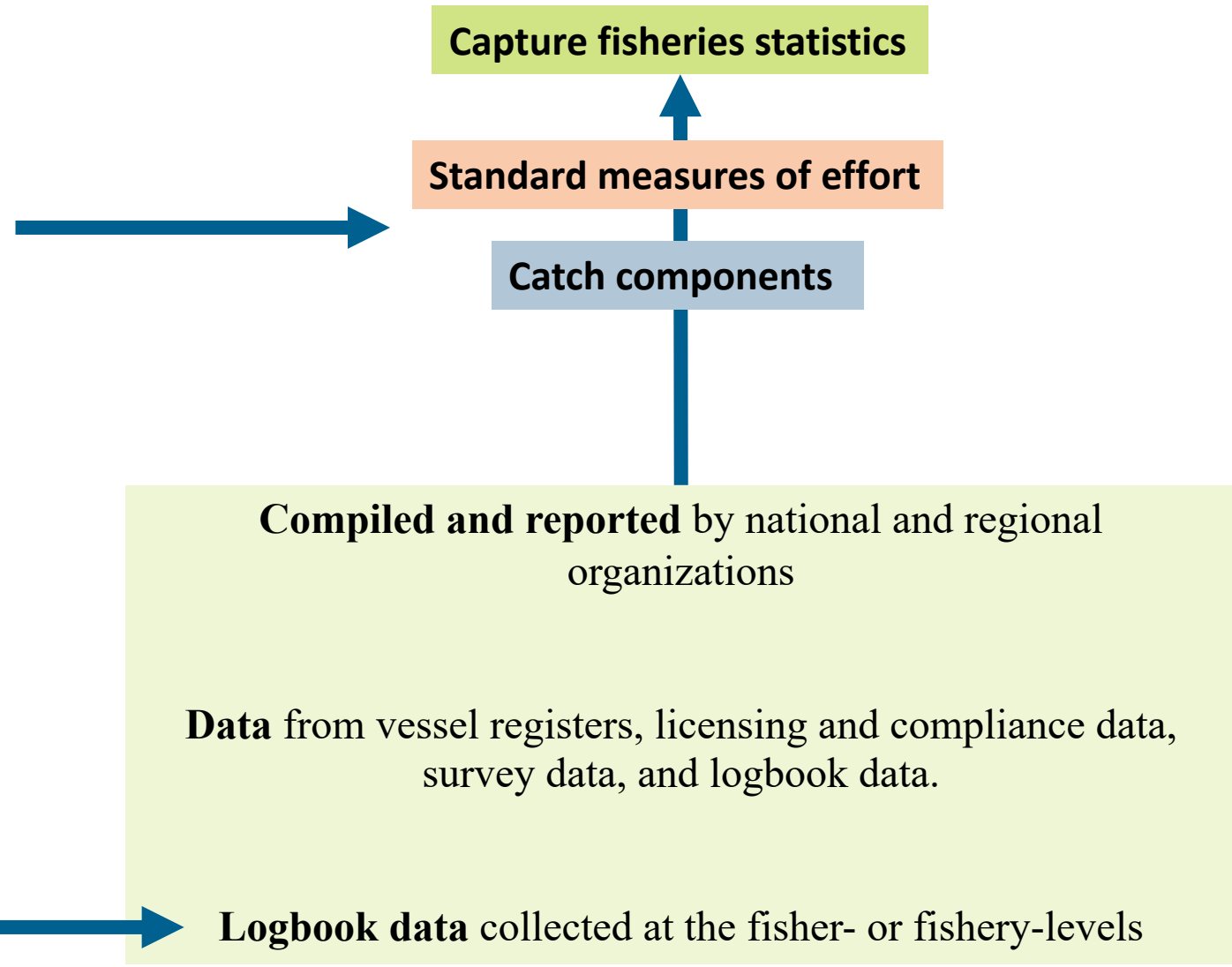
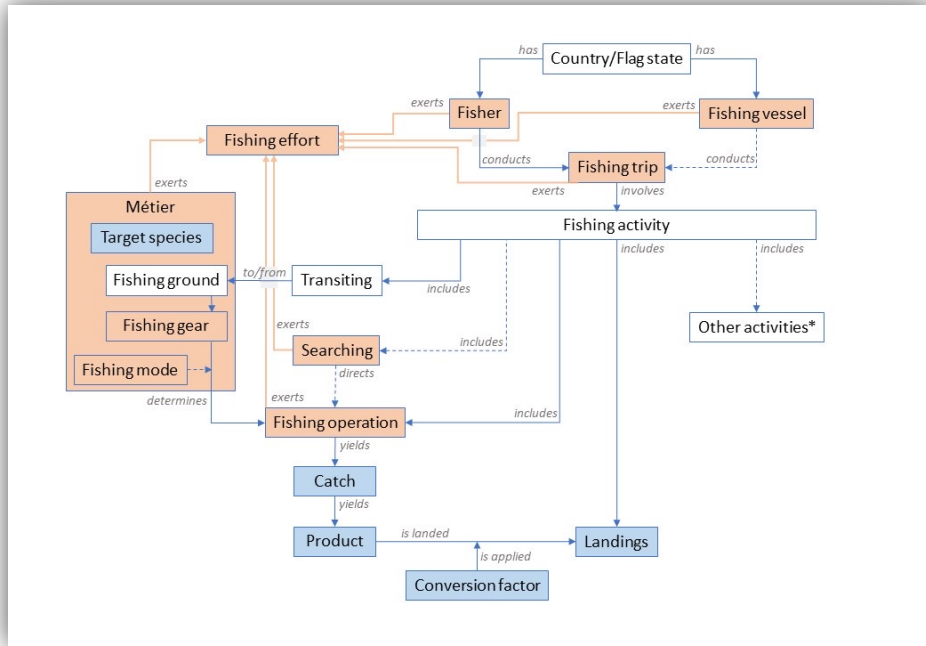
Capture fisheries diagram (for use in CWP Handbook)



Brown Statistical concepts that exert fishing effort
 Blue Catch concepts (simplified)
 Dashed lines Optional relationships
 Fishing activity FLUX concept

*refers to all other activities conducted during a fishing trip including resting, seeking shelter, notifications and transhipments

Logbook guidelines



- Guidelines** outline minimum data requirements needed to implement regional and global **capture fisheries statistics** based on **logbook data** collection schemes, using CWP concepts, standard measures, data structures and CWP standards and classifications
 - Founded on TG catch and fishing effort concepts and work of TG-RH2
 - Using a modular approach

Data from vessel registers, licensing and compliance data, survey data, and logbook data.

Logbook data collected at the fisher- or fishery-levels

Conceptual outline of guideline content

Minimum requirements for logbook data which are needed to:

- achieve the required level of granularity or dimensions for reporting
- derive standard measures of fishing effort
- Quantify catch components



And including:

- Concepts and definitions
- Standard measures/catch components
- Logbook data structure
- Specifications for logbook data elements including recommended formats and units
- Modular approach
- Links to the relevant CWP Handbook sections

Standard measure

Illustrative example only

Logbook data element	Number of fishing trips	Number of fishers	Number of fishing vessels	Number of days fished	Number of days absent from base	Number of days on a fishing ground	Number of hours searching	Number of fishing operations	Number of gear sub-units deployed	Number of gear.days fished	Number of gear.hours fished
Fishing trip start/end date	X				X						
Fisher/Fishing vessel count		X	X								
Fishing ground arrival/departure date						X					
Searching start/end datetime				X			X				
Fishing operation start/end datetime				X				X		X	X
Number of sub-units deployed									X		

Items for consideration at CWP-27

CWP-27 is kindly requested to review the revised proposal and:

- Agree/endorse the conceptual outline and purpose of the guidelines
- Consider the proposal's links and consistency with the logbook data structure developed by TG-RH2 and endorse (or comment) on the guidelines' proposed content
- Agree/endorse the capture fisheries concepts and the diagrammatic presentation (Fig. 1), noting that this is a stand-alone section which can be included in the Handbook independently of the guidelines
- Discuss/develop a work plan for the development of the guidelines.



Thank you ▪ Merci
Благодарю ▪ ¡Muchas gracias!
謝謝 ▪ شكرا

David Ramm

✉ david.ramm@protonmail.com