

WECAFC logbook guidelines Module 4



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Module 4 - Daily Fishing Activity

1. Summary daily catch and effort reporting

In this section (4.1), the captain will report the total catches of the day and when possible discards; effort deployed for these daily catches will be reported.

This section 4.1 shall be used when no detailed data per set (section 4.2) are collected.



SECTION 4.1: summary catch and effort data per day

Day: DD / MM / YYYY

Time spent fishing this day:

Gear 1: *gillnet* gillnet Seine Cast net
 Long lines Hook & lines Traps
 Soaked Time ... *h*

Gear 2: *gillnet* gillnet Seine Cast net
 Long lines Hook & lines Traps
 Soaked Time ... *h*

Target Species	Quantity [Unit]	Discards
Crawfish (<i>Panulirus argus</i>)		
Conch (<i>Strombus gigas</i>)		
Nassau Grouper (<i>Epinephelus striatus</i>)		
Barracuda (<i>Sphyraena spp.</i>)		
Wahoo (<i>Acanthocybium solandri</i>)		
Mahi Mahi (<i>Coryphaena hippurus</i>)		
...		

SECTION 4.2: catch and effort data per day / per fishing activity

SECTION 4.2.1: Line Set information

Line Set number:

Start line set: date: DD/MM/YYYY / time: - Coordinate at start: Longitude / Latitude

End line set: date: DD/MM/YYYY / time: - Coordinate at end: Longitude / Latitude

Start line haul: date: DD/MM/YYYY / time: - Coordinate at start: Longitude / Latitude

End line haul: date: DD/MM/YYYY / time: - Coordinate at end: Longitude / Latitude

Area fished: (please refer to the area(s) defined in the manual section)

No of hooks: - Hook type: - Hook size: - Hook Offset:

Line material: - Line diameter: [unit]

Fishing Depth: Start: [unit] / End: [unit]

Use of baits: Yes No

Type of baits used

Artificial Yes No

If Natural: species: / ... quantity ... [unit]

..... / ... quantity ... [unit]

..... / ... quantity ... [unit]

..... / ... quantity ... [unit]

In some case, start / end time for line lifting could be added.
 For longliner, branchline information is also requested.

4.2.1.2.2 Net set

- **Trawler:**

SECTION 4.2.1: Tow information

Tow number:

Set details (see comment)

Start haul: date: DD/MM/YYYY / time::..... – Coordinate at start: Longitude / Latitude .

End haul: date: DD/MM/YYYY / time::..... – Coordinate at end: Longitude / Latitude .

Area fished:

Length of net: Depth of net: Mesh size:

Fishing Depth: Start: [unit] / End: [unit] Duration of Drag:

In some case, haulback start / end time could be added.

- Seine net

SECTION 4.2.1: Seine Set information

Seine Set number:

Start seine set: date: DD/MM/YYYY / time::..... – Coordinate at start: Longitude / Latitude .

End seine set: date: DD/MM/YYYY / time::..... Coordinate at end: Longitude / Latitude .

Start seine haul: date: DD/MM/YYYY / time::..... Coordinate at start: Longitude / Latitude .

End seine haul: date: DD/MM/YYYY / time::..... Coordinate at end: Longitude / Latitude .

Area fished: (please refer to the area(s) defined in the manual section)

Net length: – Net drop:

4.2.1.2.3 Trap set

SECTION 4.2.1: Trap information

Trap Set number:

Start trap set: date: DD/MM/YYYY / time::..... Position start: Longitude / Latitude

End trap set: date: DD/MM/YYYY / time::..... Position end: Longitude / Latitude

Area fished:

No of traps:

Trap type 1 size : Length ([unit]) x Width ([unit]) x Height ([unit]) - Mesh :

Trap type 2 size : Length ([unit]) x Width ([unit]) x Height ([unit]) - Mesh :

Average Depth Fished: Meters or fathoms

4.2.1.2.4 Daily Diving / use of compressor

SECTION 4.2.1: Diver / use of compressor information

Date:

Name of diver	Name of dory / canoe / dinghies	Coordinate Area fished		Hours spent diving	Average Depth		Species Catch <i>[unit]</i>	
		Lat	Long		Min	Max	Conch	Lobster
Total								

4.2.1.2.5 Reporting Catch per set

For each above fishing activity, the table below is used to report catches and discards.

The total of daily reported catch minus discards should equal landing reported in section 4.1.

Note that date is not needed as set details are collected in the effort section.

SECTION 4.2.2: Catch data

Unsuccessful event/set (no fish caught)

Target Species	Quantity [Unit]	Discards
Crawfish (<i>Panulirus argus</i>)		
Conch (<i>Strombus gigas</i>)		
Nassau Grouper (<i>Epinephelus striatus</i>)		
Barracuda (<i>Sphyraena spp.</i>)		
Wahoo (<i>Acanthocybium solandri</i>)		
Mahi Mahi (<i>Coryphaena hippurus</i>)		
...		
...		

4.2.1.2.6 FAD use

If FAD are used for the considered fishing activity, characteristics are requested through this section for each set or trawl

SECTION 4.2.3: FAD use

Position (coordinates):lat / long.....

FAD number when available:

FAD type: drifting natural FAD drifting artificial FAD

FAD design characteristics:

Dimension:[unit]

material used in the floating part:

material used in the underwater hanging structure:

Type of the activity: set deployment hauling retrieving loss intervention on electronic equipment other:

4.2.1.2.7 Environmental parameters including SST

SECTION 4.2.3: Environmental parameters

Sea Surface temperature:° [unit]

To be discussed: Other?



Thank you for your attention

