

Fishing Logbook Longline

Instructions

Latest modification: January 21, 2011

INDICE

Introduction	3
INSTRUCTIONS FOR DATA COLLECTION	3
Fields of the Form	3
General Information	3
Fishing Method and Operation (Longline)	3
Catch section	4
Appendix	5
Conversion factors	5

Introduction

The Longline Fishing Log was designed as a convenient method record catch information for use in scientific analysis, as well as to provide a commercial catch record.

INSTRUCTIONS FOR DATA COLLECTION

Most of the information is recorded by checking the best option presented on the form, and in some cases writing answers to questions. Record dimensions in the predefined unit presented on the form. If the information is collected in a different unit, convert number to the predefined unit (refer to the *Conversion Factors* section in the Appendix of the manual).

NOTE: Do not write in the shaded grey boxes.

Fields of the Form

General Information

Vessel name The name of the vessel.

Record No. The official vessel identification.

Flag The country of registry of the vessel

Sampler The name of the person collecting the information.

Departure (DDMMYY) The departure date of the trip, in day-month-year format.

Arrival (DDMMYY) The arrival date of the trip, in day-month-year format.

Fishing area The geographic position, or point of reference where most fishing occurred.

Port-Country unloading The name of the port and country where the vessel arrived to unload.

Length The total vessel length, in meters, from bow to stern.

Well Capacity The total volume, in cubic meters, of all fish storage wells present on the vessel.

Engine Power The horsepower of the main engine.

Fishing Method and Operation (Longline)

Longline type (select one)

Mark the best option:

Surface: The net is positioned on the surface of the water.

Mid-water: The net is submerged below the surface but above the bottom.

Bottom: The net is positioned on the bottom.

Fishing/setting hours (avg.)

Record the average number of hours that the fishing gear was positioned in the water. Mark the best option:

Day: Choose this option if the gear was in the water predominantly during the day.

Night: Choose this option if the gear was in the water predominantly during the night.

Number of actual fishing days

Instructions

Record the number of days during the trip in which fishing activity occurred.

Hooks

The form provides space for up to 2 types of hooks. For each hook record:

Number: The number of the indicated type of hook present in the set. If the number of hooks varies between sets, record the predominant number of hooks.

Type: Record whether the hook is J or C (circular).

Size: Record the hook size. For example, if the hook is a C16, record 'C' in the 'Type' column and '16' in the 'Size' column..

Gear length

Record the length of the Gangion, Float line and the distance between hooks, in meters. Refer to the graphics on the reverse side of the form for information on these terms.

Number of sets

Record the total number of sets made during the trip.

Bait used

The form provides space for up to 2 types of bait used in the sets. If more than 2 types of bait are used, record the predominant 2 types of bait. In the '%' column, record the percentage of each type of bait used during sets.

Capture in:

This is the unit used to record ALL of the catch on the form. Choose one of the following units:

Number: The catch is recorded in number of individuals.

lb: The catch is recorded in pounds.

kg: The catch is recorded in kilograms.

100lb: The catch is recorded in units of 100 pounds.

~~MT~~ton: The catch is recorded in metric tons.

Comment [NV1]: Metric or short tons?

Number of hooks between buoys

Record the total number of hooks between buoys. If the number between buoys varies, record the predominant number.

Comments:

Record any comments which are applicable to this section.

Catch section

The form provides space to record up to 5 species caught in a single day at a specific position. If more than 5 species are caught for a day/position, record the catch on the next row.

Date

Record the date in DD-MM-YY format. For example the 24th of January would be 24/01/11.

Fishing location

Instructions

Latitude: Record the latitude with 4 digits: 2 digits for the degrees and 2 digits for the minutes, followed by the initial of the hemisphere, north (N) or south (S). For example two degrees twenty minutes north would be *0220N*

Longitude: Record the longitude with 5 digits: 3 digits for the degrees and 2 digits for the minutes, followed by the initial of the western hemisphere (W) or eastern hemisphere (E). For example eighty five degrees four minutes west longitude would be *08504W*.

DAILY CATCH

Use this section to record all of the captured species. Also include all non-target species which are not commercially sold. In many ports, this category of catch is referred to as “chancha” or “trash fish”.

Species: Record the name of the species.

Code: Do not fill this cell. This information is filled by the data handlers.

Catch: Record the total of all species caught on the indicated date and position. The number should correspond to the units listed in the ‘Capture in:’ area of the section above.

Appendix

Conversion factors

From inches to millimeters	$\text{mm} = \text{in} / 0.0394$
From inches to centimeters	$\text{cm} = \text{in} / 0.394$
From inches to meters	$\text{m} = \text{in} / 39.37$
From fathoms to meters	$\text{m} = \text{fm} / 0.5468$
From pounds to kilograms	$\text{kg} = \text{lb} * 0.45359237$