



IOTC REGIONAL OBSERVER SCHEME PURSE-SEINE GEAR SPECIFICATIONS

FORM 2-PS

Revised September 2021

Observer full name

Observer trip number

Special equipment or machinery circle either "YES" or the "NO" to indicate presence or absence of a device on-board.

1. Power block

YES

NO

2. Purse winch

YES

NO

General gear attributes circle units used

3. Maximum length of the net

m

feet

4. Maximum depth of the net

m

feet

5. Bunt stretched mesh size

mm

cm

6. Mid-net stretched mesh size

mm

cm

7. Maximum brail capacity

metric tons

8. Skiff power

HP

KW

BHP

Revised September 2021

Notes on FORM 2-PS

IOTC ROS minimum standard data-fields are highlighted in this form in light grey. These are to be collected and reported to the IOTC.

1. POWER BLOCK: A powerful hydraulic power block attached to the end of a boom used to haul the net back and restack ready for the next set. Indicate Yes if on board No if not sighted

2. PURSE WINCH: Equipment or machinery used to winch the steel cable of the purse line that runs through the purse rings and that serve to close (purse) the bottom of the net once it has been set around a school of fish. Indicate Yes if on board No if not sighted.

3. MAXIMUM LENGTH OF THE NET: Record the maximum length of the net according to the net specifications. This corresponds to the length of the topline. Note: specify units (preferably meters).

4. MAXIMUM DEPTH OF THE NET: Record the maximum fishing depth of the net (preferably in meters) according to the net specifications.

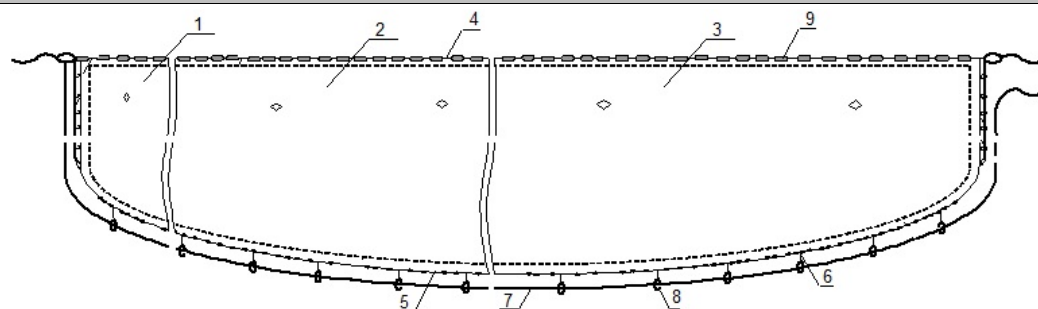
5. BUNT STRETCHED MESH SIZE: Record the mesh average stretched length (knot to knot) of the bunt (preferably in 'CM' centimetres), also called chafer or sack of the net (see purse-seine net scheme). Ask the Deck Boss. Verify value given by measuring 3 stretched mesh lengths (knot to knot) and calculating the average. If values differ, record measured average mesh size and report this on your trip report.

6. MID-NET STRETCHED MESH SIZE: Record the mesh average stretched length (knot to knot) of the mid-net (preferably in 'CM' centimetres) also called main body or shoulder of the net (see purse-seine net scheme). Ask the Deck Boss. Verify value given by measuring 3 stretched mesh lengths (knot to knot) and calculating the average. If values differ, record measured average mesh size and report this on your trip report.

7. MAXIMUM BRAIL CAPACITY: Record the maximum weight capacity of a full brail in metric tonnes (Mt).

8. SKIFF POWER: Record the skiff engine power. Circle the correct unit for skiff engine power provided by vessel officers (HP, BHP, KW).

PURSE-SEINE NET SCHEME



1. Bunt (chafer or sack)
2. Mid-net (main body or shoulder)
3. Wing
4. Float line
5. Lead line (chain foot rope)
6. Gavel lines (or bridle)
7. Pursing wire (or purse line)
8. Pursing ring (seine ring)
9. Floaters

TYPES OF BRAIL THAT CAN BE SEEN IN PURSE SEINERS

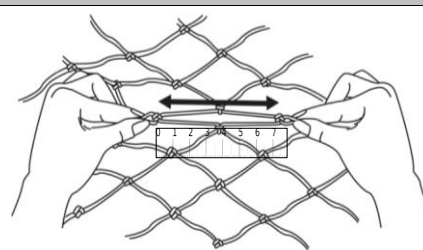
HOW TO MEASURE STRESHED MESH SIZE



Long handle brail (Image adapted from SPC)



Heavy framed brail (Image adapted SPC)



Ruler by FREECONSPNG. Image © SPC.