

E-training tool exercises

Supra-category: IOTC ROS Scientific Field Observer Training (IOTC ROS SFO)

Category: Gillnet Sampling Strategies (IOTC ROS SFO TR16.3)

Sub-Group Exercises (max 3 per group) To be completed during and after the presentations

Your vessels set a gillnet 2400 m long.

There are 24 net panels that make up the full net.

The Captain estimates that it will take him about six hours to haul the net back

Your instructions are:

1. sample at least 50 percent of the net panels for hauling to collect catch composition data and decide to exhaustively monitor when present four net panels over three sampling periods.
2. you need try and cover the start middle and end of line hauling operations.
3. for the times when not monitoring the hauling you are required to follow a random biometric sampling strategy to measure for length up to maximum of 15 fish for each IOTC target species up to a maximum 15 IOTC target species; and
4. up to 10 fish for by catch. (Check Guidelines for Observers on Gillnet vessels Annex 5 tables.
5. You decide to do biometric sampling, selecting fish at random as they come up in the period when not recording catch.

You also need to take some personal time for meals and catch up on the paperwork for the previous night's setting. To do this you decide to do biometric sampling for fixed time periods when not monitoring for catch composition.

Expected Outcome

1. Draw up a sampling chart to reflect your selected periods to monitor catch composition. Keeping in mind that when monitoring the hooks, it is easy to count the hook sections being hauled. (*Please use the random number generator on excel to get the sections to monitor and explain how you do this*)
2. For the biological sampling record time period you will sample fish on the deck and time you will not be present.

For example, you can produce one of more diagrams or tables

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