E-training tool exercises

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

Category: Longline Sampling Strategies (IOTC ROS SFO TR16.2)

Group Exercises To be completed during and after the presentations

Your vessels set a line with 2400 hooks.

There are 12 branch lines attached between the ridged buoys. The captain estimates that it will take approximately 12 hours to haul the line back.

Your instructions are:

1. sample *at least 40 percent* of the line for hauling to collect catch composition data.
2. you need try and cover the start middle and end of line hauling operations.
3. for the times when not hauling you are required to follow a stratified biometric sampling strategy to measure for length up to maximum of 15 fish foreach IOTC target species for example maximum 15 yellowfin, 15 swordfish, etc.); and
4. up to 10 fish for all by catch. (For example 10 blue sharks, 10 dorado, etc.)

You decide to exhaustively monitor and record catch for 4 periods Each monitoring period to have approximately 200 hooks.

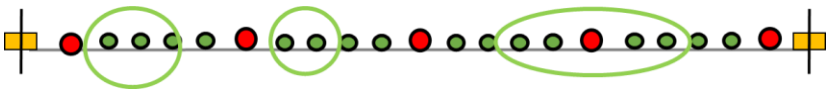
You also need to take some personal time for meals and catch up on the paperwork for the previous night's setting. To do this you decide to do biometric sampling for fixed time periods when not monitoring for catch composition.

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



Work pattern table											
Haul	**Bio**	**Rest**									
200 hook	1 hr HS	1 hour									