

E-training tool assignment

Supra-category:	IOTC ROS Observer Co-ordinator Training (IOTC ROS OLC)
Category:	Programme coverage and number of observers required (IOTC ROS OLC TR2)
Course:	<i>Strategic plan for CPC Observer Programme (IOTC ROS OLC TR2.01)</i>

Group assignment (opens when all related documents have been visualized)

To complete this exercise a lead person, preferably the participant that is destined to be the Observer Coordinator of the programme should lead the research, compile and provide feedback on the results.

1. Research the composition and record all details of fishing fleets that will be required to accommodate observers. [For some countries this may be a low number and all vessel names and details can be recorded. In some cases, there may be an exceptional large number of eligible vessels. In this situation attempt to break down into categories of vessel by length and gear and capture the number for each category]. Possible access to this information would be to research number and details of licences issued.
2. Research the number sea-days each vessel is likely to undertake in a year and where possible the number of fishing events for purse-seine and pole and line; of hooks for longline and net panels for gillnet. These figures may need to be estimated and extrapolated using best available information from your country's records.
3. Using these figures, calculate 10% observer coverage per gear effort (or more if required by the CPC), to ensure meeting the 5% minimum observer coverage in accordance with the IOTC Res 11/04.
4. Using the number of days / fishing events / hooks / net panels for an average fishing trip by a vessel, calculate the potential number of trips undertaken by the fleet and number of trips that would require observers.

FISHING FLEET / DETAILS	[FISHING FLEET NAME]
N° vessels	
Av. N° days fished/year	
Average trip duration in days	
Desired coverage in %	
Coverage in days	$[N^{\circ} \text{ vessels}] \times [\text{Av. N}^{\circ} \text{ days fished/year}] \times [\text{Desired coverage}]$
Number of trips to be covered/year	$[\text{Coverage in days}] / [\text{Average trip duration in days}]$
N° observers required/year*	$[\text{Number of trips to be covered/year}] / ([\text{Number of trips to be covered/year}] \times 2/3^*)$

* The number of observers can be roughly calculated assuming one observer could possibly cover two out of every three trips that require observer coverage.

Assignment outcomes will be included into the country OLC manual under the relevant sections by CapMarine Team Leader and reviewed during inter-active workshop by sharing the manual on the screen. All participants should then be able to contribute and comment on a semi-final draft for this section of the OLC manual.