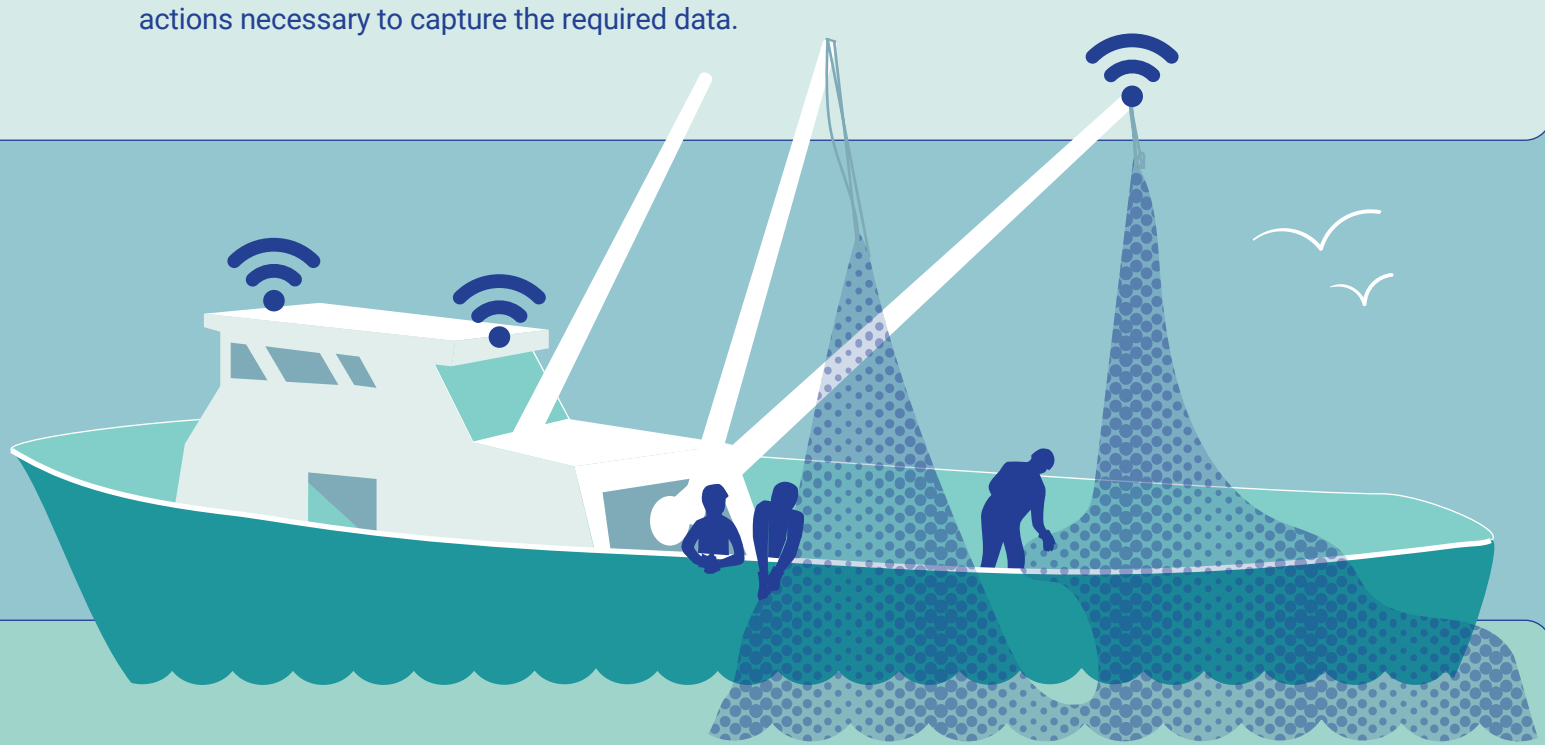
MINIMUM STANDARDS
for Vessel Electronic Monitoring Systems (EMS)
in Tropical Tuna Purse Seine Fisheries

BEFORE the fishing trip

- The system has been tested (and certified) by a qualified third party.
- The system is customized to the vessel level; the number of cameras and camera type are sufficient and well placed to cover areas and actions necessary to capture the required data.



DURING the fishing trip (data collection)

- The system is robust in rough at-sea conditions; the system operates largely independently from the crew, for example, sensors can trigger recording of fishing-related activities.
- The system ensures data security and is tamper-proof (or at least tamper-resistant).
- The system is capable of adequate data storage and autonomy (a minimum of four months' worth of data).

AFTER the fishing trip
(data traceability analysis and review)

- The system has dedicated software to assist in data review.
- Data analysis and reporting is done by a qualified third party; data reviewers are properly trained.
- The software used to generate reports is compatible with ongoing standardized data flow and databases (for example, observer programs and RFMOs).
- Chain of custody of the data is guaranteed.
- Data storage devices are stored to prevent degradation (for a minimum of six months of data).

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