

BEST PRACTICES FOR FAD MANAGEMENT

Grupo Calvo[®]

15th June 2021

In compliance with ISSF conservation measure 3.7

Transactions with Vessels or Companies with Vessel-based FAD Management Policies

Starting on 15th June 2021, the vessels in Annex 1 require onboard its vessel(s) the use of the following best practices for FAD management, identified in ISSF Technical Report 2019-11, "Recommended Best Practices for FAD management in Tropical Tuna Purse Seine Fisheries":

a) Comply with flag state and RFMO reporting requirements for fisheries statistics by set type

We commit to:

- Filling out completely and accurately the logbooks, including FAD logbook information, by set type required by the flag state and submitting them by electronic reporting to the required authority and/or tRFMO.
- Maintain, since 2015, 100% observer coverage, even if not required by the tRFMO, on all fishing trips through the use of a combination of human observers and voluntary Electronic Monitoring (EM). For EM, best-practice minimum standards developed by ISSF, or those developed by the tRFMO, will be followed.
- Specifically in the Pacific Ocean, maintaining 100% observer coverage on all fishing trips through the regional observer program operated by the IATTC and the WCPFC, except for reasons of force majeure.
- Collecting data on the number of active FADs and FAD activity (deployments, visits, sets and loss) as required by tRFMO and submitting them to the required authority and/or RFMO.

b) Voluntarily report additional FAD buoy data for use by RFMO science bodies

We commit to:

- Participate in a scientific program by AZTI/IATTC by providing daily positions and echo-sounder data for some FAD, with a time-lag as needed to ensure confidentiality.

c) Support science-based limits on the overall number of FADs used per vessel and/or FAD sets made

We commit to:

- Abiding by the limit of active number of FADs adopted by tRFMO.
- Deploying only FADs with satellite tracking buoys.
- Not reactivating remotely buoys that were previously deactivated, except after a temporary deactivation during the closure period.
- Providing information on the buoy position at least once per day, subject to good communication, while they are in the water.

d) Use only non-entangling FADs to reduce ghost fishing

We commit to:

- Deploying only FADs that are completely less-entangling and gradually move towards the use of non-entangling FADs (i.e., without any netting), even when is not a requirement of the tRFMO, according to the ISSF Guide for Non-Entangling FADs.
- Not deploying any "high entanglement risk" FAD according to the ISSF Guide for Non-Entangling FADs (i.e., those using large open netting either in the raft or in the underneath part of the FADs. (>2.5 inches or 7 cm mesh).
- Removing from the water and modifying the design of "high entanglement risk" FADs according to the ISSF Guide for Non-Entangling FADs that are reused by the fleet, to make them less or non-entangling as per the ISSF classification.

e) Mitigate other environmental impacts due to FAD loss including through the use of biodegradable FADs and FAD recovery policies.

We commit to:

- Studying the feasibility of using FADs with only biodegradable material in their construction except the floatation structure of the raft.
- Participating in tests of locally-sourced biodegradable materials in collaboration with AZTI, ISSF or any other scientific institution.
- Studying the feasibility of deploying simpler and smaller FADs.
- Endorse risk and feasibility research programs aimed to determine deployment areas that are highly likely to result in stranding, countries where FAD recovery policies could be put in place.
- Participating in cooperative efforts, such as the FAD-Watch in the Seychelles, to remove stranded FADs, in the case the fleet operates in the determined area(s).
- Gradually replace FAD components with biodegradable materials as soon as such are proven efficient (transition timeline until 2025).
- Not dispose of any FAD component at sea, unless it is proven biodegradable: should a FAD be mended and/or any component replaced, the remainder material must be reused or disposed at port.
- Whenever possible, use supply vessels to recover FADs that might be in risk of sinking or stranding.

f) For silky sharks (the main bycatch issue in FAD sets) implement further mitigation efforts

We commit to:

- Applying Best Practices for safe handling and release of sharks and rays brought onboard
- Participate/support studies to evaluate the contribution of purse seine fisheries to catches of silky sharks, and the impact of implementation of the Good Practices on post-release survival.
- Participating in projects aiming to develop and test new tools to release sharks and mobulids in tuna purse seiners that maximize their survival and are practical to use onboard.

This policy was adopted on 15th June 2021

Annex 1

| BUQUE | BANDERA | EMPRESA | OROP |
|------------------|-------------|-------------------------------------|-------------|
| Montemaior | España | Cantábrica de túnidos s.a. | ICCAT |
| Monteraiola | España | Cantábrica de túnidos s.a. | ICCAT |
| Montelape | El Salvador | Calvopesca El Salvador s.a. de c.v. | ICCAT |
| Montecelo | El Salvador | Calvopesca El Salvador s.a. de c.v. | ICCAT |
| Montefrisa nueve | El Salvador | Calvopesca El Salvador s.a. de c.v. | ICCAT |
| Monterocio | El Salvador | Calvopesca El Salvador s.a. de c.v. | CIAT/ WCPFC |
| Montelucia | El Salvador | Calvopesca El Salvador s.a. de c.v. | CIAT/ WCPFC |
| Montealba | Panamá | Gestra Corporation | ICCAT |
| Golfo de Fonseca | El Salvador | Calvopesca El Salvador s.a. de c.v. | ICCAT |
| Cabo de Palos | Panamá | Gestra Corporation | ICCAT |