



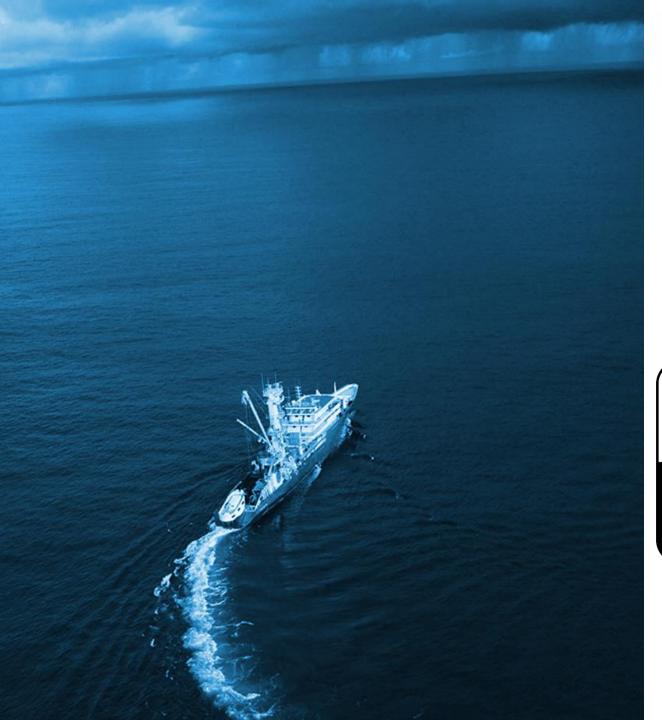
TOWARDS FULL SUSTAINABILITY OF TUNA FISHING

Dr. Julio Morón, Miguel Herrera



Atún de Pesca Responsable

AENOR conform





"UNE 195006 Atún de Pesca Responsable. Atuneros cerqueros congeladores"

Atún de Pesca Responsable

AENOR conform

Asociación Española de Normalización y Certificación



TUNA RESPONSIBLE FISHING – ATÚN PESCA RESPONSABLE.



Asociación Española de Normalización y Certificación



MARITIME SAFETY

IACS

Anchorage and mooring

Electricity

Fire protection

Gas deposit

Propellers

Subdivision, estability y freeboard

Machinery instalation

Navigation

Pipes and pressure recipients

Boat strength

Welding and materials

Inspection and certification

INTERNATIONAL MARITIME ORGANIZATION

CE NUMBER ASSIGNED TO EVERY 'OWNER THAT IS RESPONSIBLE FOR

ITION SOCIETIES LTD.

L, MACHINERY (OR "MACH") AND



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conform

PROTECTION & INDEMNITY



- CREW RISKS / INJURIES OR DEATH / MEDICAL EXPENSES / REPATRIATION.
- OUTSTANDING WAGES OF SICK OR DECEASED CREW MEMBERS.
- CREW MEMBER REPLACEMENT EXPENSES / PERSONAL EFFECTS.
- CONTRACTUAL OBLIGATIONS NOT COVERED / OTHER PERSONNEL ON BOARD
- DOCKWORKERS / STOWAWAYS / REFUGEES OR PERSONS RESCUED FROM THE SEA
- DEVIATION OF THE VESSEL / VESSEL OPERATIONS / COLLISION /
 SALVAGE

 Atún de Pesca
 Responsable
- REMOVAL OF DEBRIS / GENERAL AVERAGE / TOWING.



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PROTECTION & INDEMNITY



- ENVIRONMENTAL RISKS:
- PREVENTION OF POLLUTION FROM SHIPS (MARPOL 73/78).
- CIVIL LIABILITY FOR BUNKER OIL POLLUTION DAMAGE (BUNKERS 2001).
- LIMITATION OF LIABILITY FOR MARITIME CLAIMS (LLMMC 197/96).
- ELIMINATION OF WRECKS (NAIROBI 2007).





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CODE OF GOOD PRACTICES 2012 rev 2017

- 1. Design and 100% use of Non Entangling FADs.
- 2. Development and aplication of <u>bycatch mitigation</u> measures with less risk to crew and optimizing survival rate of sharks, rays, mantas, turtles.
- 3. <u>FAD Management plan</u> through the use of FAD logbooks
- 4. <u>100% observer coverage</u> (human or EMS) including supply vessels.
- 5. Crew training on Good Practices.
- 6. <u>Independent verification</u> by Scientific Institution.
- 7. Review Committee to meet twice a year.





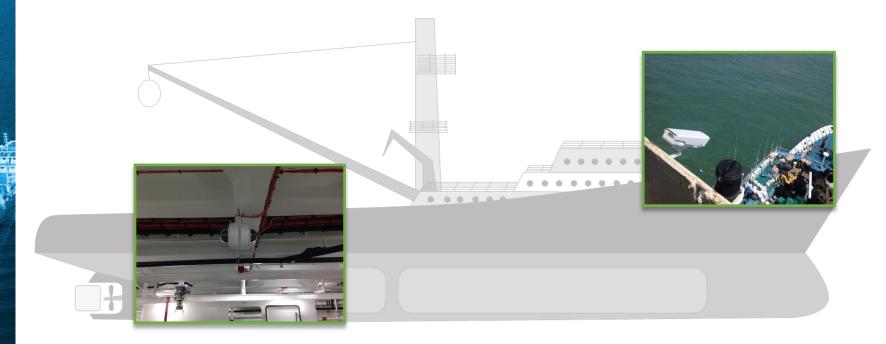
#EMS

100% OBSERVER COVERAGE



LOWER DECK CAMERAS

UPPER DECK CAMERAS



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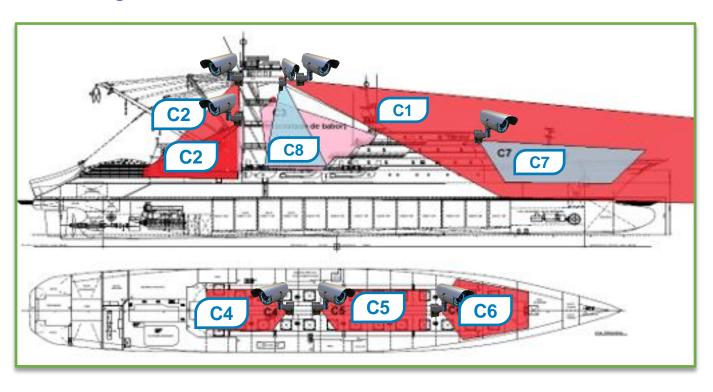
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#EMS

100% OBSERVER COVERAGE



Minimum coverage with 6 cameras.





#EMS

INDEPENDENT REVIEW



SVM SOFTWARE FOR VIDEO FOOTAGE ANALYSIS







Retained catch:



- Total catch and catch by species.
- Sizes and species composition.
- Digital sampling.

Bycatch and discards:



Included tools:

- Length measures.
- Counting.
- Play speed control.





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AENOR Asociación Española de Normalización y Certificación FISHING ACTIVITY CONTROL FLAG STATE RESPONSIBILITY

RFMO OBLIGATIONS & COMPLIANCE
FISHING LICENSING & AUTHORIZATION
VESSEL MONITORING SYSTEM 24/7
CONTROL CENTER INTERNATIONAL STANDARDS
FISHING LOGBOOKS
LANDING DECLARATIONS
CATCH CERTIFICATES



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MARITIME SAFETY

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FISHING ACTIVITY CONTROL





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SANITARY STANDARDS

EU SANITARY LEGISLATION

Regulation 854/2004

EU VESSELS DULY REGISTERED BY EU MEMBER STATE NON EU VESSELS REGISTERED UNDER EU LIST





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TUNA RESPONSIBLE FISHING – ATÚN PESCA RESPONSABLE.

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BEST LABOUR CONDITIONS

C188



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> **AENOR** conform

MARITIME SAFETY







LEAST ECOSYSTEM IMPACTS

CODE OF GOOD PRACTICES



100% OBSERVER **COVERAGE**

BEST SANITARY STANDARDS









FISHING ACTIVITY CONTROL





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C188 – WORK IN FISHING CONVENTION, 2007

- 1. Minimum age to work onboard
- 2. Medical review prior to embarkment
- 3. Written contract:
 - Duration: 8 months maximum on board.
 - Salary (min. ILO), regular payment and pay slips copies.
 - Paid holidays and resting periods.
 - Medical coverage.
 - Indemnity in case of sickness, injury or death.
 - Social Security.
 - Repatriation.









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C188 – WORK IN FISHING CONVENTION, 2007

- 1. Minimum crewing certification.
- 2. Occupational risk prevention:
- 3. On board evaluation plan.
- 4. Training plan.
- Delivery and use plan personal safety gear.
- 6. One Risk Prevention officer per vessel.
- 7. Right to Collective Bargaining.









On board the OPAGAC fleet



Individual or twin rooming, with individual toilet facilities and shower.







On board the OPAGAC fleet

















On board the OPAGAC fleet

















Asociación Española de Normalización y Certificación



INTERNATIONAL STANDARD

TOTAL OF 47 VESSELS CERTIFIED BY DECEMBER 2018

SPAIN

SEYCHELLES

ECUADOR

EL SALVADOR

GUATEMALA

PANAMA

CURAÇAO

BELIZE



















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REGULATION FOR THE CHAIN OF CUSTODY

Regulated Use of the Mark

VESSEL CERTIFIED APR + EXHAUSTIVE FIP

Atún de Pesca Responsable

AENOR conform

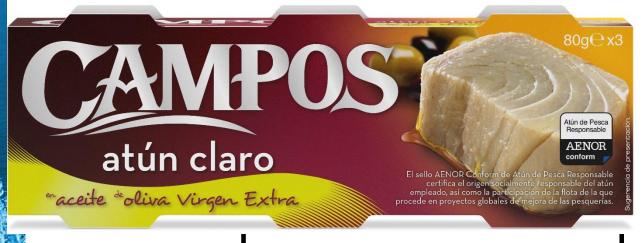


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REGULATION FOR THE CHAIN OF CUSTODY

Regulated Use of the Mark







SUSTAINABILITY: SOCIOECONOMIC + ENVIRONMENTAL





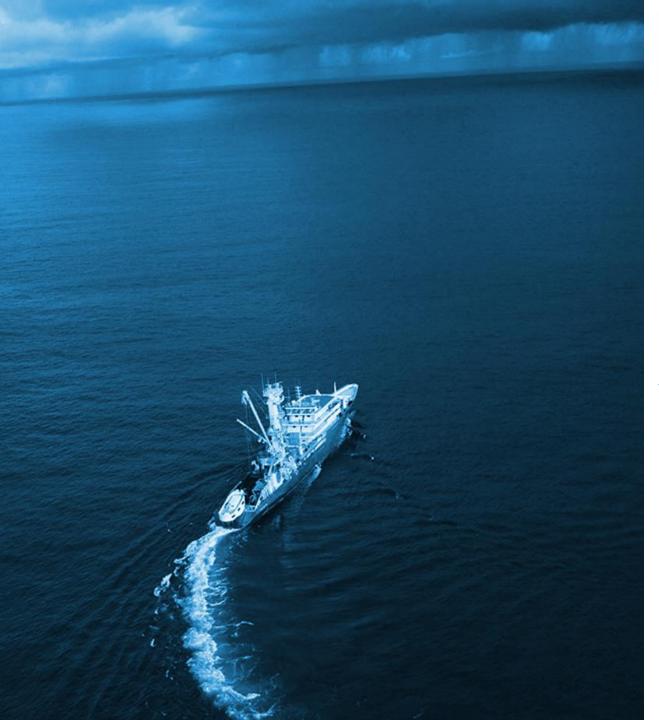
This is our **Communication on Progress** in implementing the principles of the **United Nations Global Compact** and supporting broader UN goals.

We welcome feedback on its contents.



PROFIT

PLANET





THANK YOU

For more information:

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