

# FISHING VESSELS AS SHIPS OF OPPORTUNITY

## IMOS FishSOOP Installation Checklist

Vessel Name:

Date:

Installed by:

Deck unit number:

Sensor number(s):

### Installation form

- Online installation Jotform completed with all details including:
  - Email addresses for the data delivery
  - Deck unit and sensor serial numbers

### Deck unit – hardware check

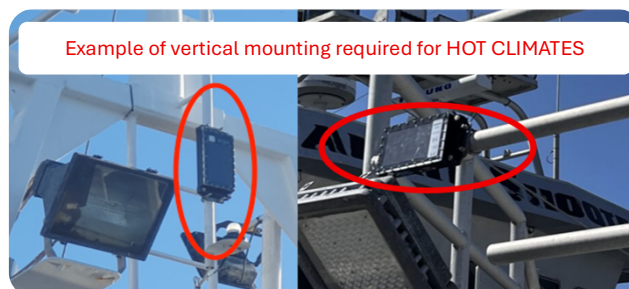
- Deck unit ON/OFF switch is in the ON position
- SIM/USB door is tightly closed and flush with the unit.
- SIM card is inserted fully with gold contacts down and triangle to the left (**Unless specified UNSW has completed this for you**)

### Comms & Test cast

- Two green lights evident on deck unit (Battery and GPS)
- Sensor test cast conducted\*
  - The blue data light on the deck unit briefly illuminated after the sensor exited the water.
- Deck unit has communicated with the server (contact FishSOOP@unsw.edu.au to confirm)
  - Sensor/s have pinged to dashboard
  - Data received in FishSOOP email

### Deck unit Mounting Location

- Suitable mounting location has been identified with the skipper / captain
  - < 20m from location where sensors come onboard
  - Deck unit has a clear view to the sky for GPS and solar charging
  - Strong signal (test with phone)
- Solution for mounting established:
  - For cool climates:** A horizontal or 45° mounting angle is sufficient.
  - For hot climates (<25 ° latitude):** Vertical mounting angle is required:



### Sensor mounting

- Solution for sensor installation established:
  - More than one attachment point

### Installation photographs

- Photographs of installation sent to [fishsoop@unsw.edu.au](mailto:fishsoop@unsw.edu.au)
  - Deck unit and sensors in tough jackets, showing serial numbers
  - Deck unit mounted in place
  - Showing power switch is ON
  - Sensors on gear showing the attachment method
- We may want to use your photos in future materials (e.g., instructions, reports). If you give permission, please tick this box and write the organisation/vessel name for credit:

(Additional photos or videos are always welcome!)

**\*\*Once you have completed all steps, please send a copy of this form to [fishsoop@unsw.edu.au](mailto:fishsoop@unsw.edu.au) \*\***

\* Slowly lower the sensor into water (clear of any discharges or other disturbances) at a rate of ~1m/second to a depth between 2-10m. Leave for 1 minute, then recover at ~1m/second to communicate with deck unit.

