IMOS FishSOOP Installation Checklist

Vessel Name

Date

Installed by

Deck unit number

Sensor number(s)

Installation form

☐ Online installation form completed with all details including:

- ☐ Email addresses for the data delivery
- ☐ Deck unit and sensor serial numbers

Deck unit – hardware check

☐ O-ring is present

☐ O-ring is greased sufficiently

☐ White switch is on the right (ON position)

☐ SIM card is inserted fully with gold contacts down and triangle to the left.

☐ Screws for the side door are screwed down tightly (O-ring flattened)

Comms & Test cast

☐ Two green lights evident (Battery and GPS)

☐ Sensor test cast conducted*

☐ Deck unit has communicated with the server (check dashboard - contact FishSOOP@unsw.edu.au if you don't have access)

- ☐ 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
- ☐ Clear view to the sky – GPS and solar charging,
- ☐ Strong Wi-Fi signal (test with phone)

☐ Solution for mounting established (45° angle in the tropics preferred)

Sensor mounting

☐ Solution for sensor installation established

- ☐ More than one attachment point
- ☐ Net basket (so sensor does not snag)

Installation photographs

☐ Photographs of installation sent to fishsoop@unsw.edu.au

- ☐ Deck unit and sensors in tough jackets, showing serial numbers
- ☐ Deck unit mounted in place,
- ☐ Clear side panel showing power switch to the right – ON
- ☐ Sensor on net – showing attachment method

☐ We may want to use your photos in future material (e.g. instructions, reports etc.) – if you grant permission, please tick this box and write the name of the organisation/vessel which should receive credit:

(We welcome additional photos/videos of deployment at any time)

Instructions

☐ Laminated copy of installation instructions held

****Once you have completed all steps, please send a copy of this form to 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.

Revised 10th Mar 2025