

Safety reminders

- Life jackets must be worn
- Maximum persons on capacity plate. Do not overload with equipment.
- Ensure stability of boat with appropriate loading.
- Do not hang any part of you out of the boat whilst underway.
- Safe speeds, gentle turns.
- Attach kill cord lanyard to driver.
- Do not operate engine while persons in the water > be PROP AWARE.
- Engine in neutral or off to set out/retrieve equipment.

Pre trip checks

- Engine attached to boat securely & with rope (staff to check oil level).
- Propeller secure and undamaged, motor tilt mechanism working (practice).
- Top up fuel (no ethanol) if required and check for fuel leaks under cowling .
- Check tightness of steering & movement of gears (forward, neutral, reverse).
- If using external tank check fuel lines and connections .
- Safety Kits: First aid kit paddles anchor map torch sunscreen food water warm clothing weather & tides
- Load research equipment safely and securely.
- Communication i.e. mobile phone & appropriate staff contact number/s
- Complete the boat intentions board and give boat person contact number/s

seek staff assistance to resolve any outstanding issues

Start up (detailed information available in manual)

- Lower motor and ensure water intakes submerged.
- Open air vent screw. Align fuel switch to fuel source.
- Gear shift lever in neutral.
- Engine kill cord attached to motor and to operator.
- Place the throttle grip in the START position and Pull choke out to START position.

Note: Push the Choke back in to the RUN position once engine is started, and use this position for starting warm engines.

- Pull manual starter slowly until you feel resistance, then give a strong, straight pull.
- Slowly return the throttle to the fully closed position, return choke to RUN position
- Check “tell-tail” is visible, if not shut down engine (push stop button) and consult staff. *No tell-tail means no cooling system; the engine will overheat and be badly damaged.*
- If the bow of the boat is too far down, stop engine and tilt it up a hole
- If the bow of the boat is too far up, stop engine and tilt it down a hole

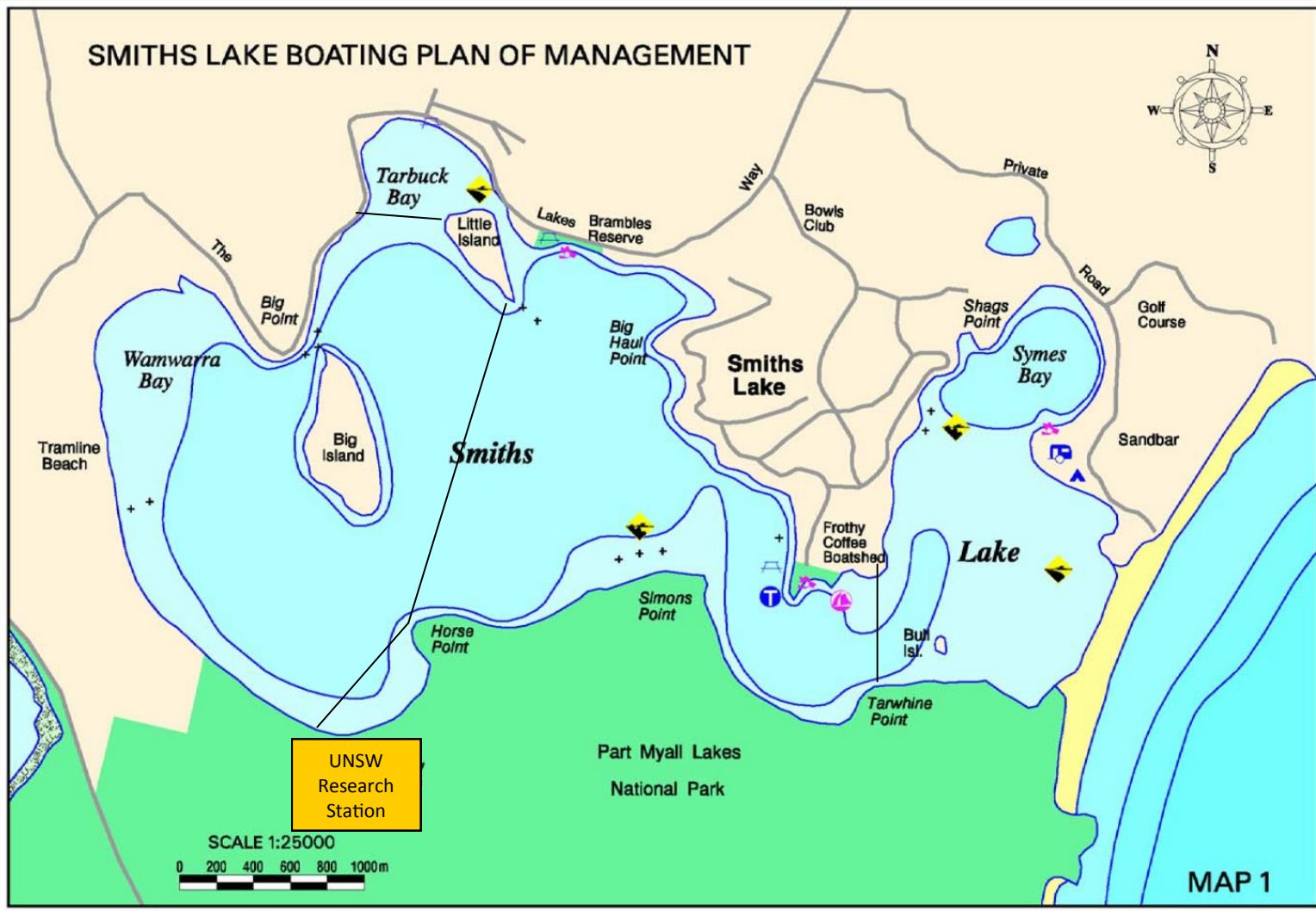
Engine trouble recovery

- Is the kill cord engaged?
- Is the gear lever in neutral?
- Is the tank flooded (too much choke) push choke in, wait, try again.
- Do you have fuel supply: check position of fuel switch, and open air vent screw on motor and any external tank, prime bulb of external tank, listen for air leaks.
- *Seek assistance from staff. Staff have further trouble recovery details in boat manual (kept in boat shed).*

Shut down

- Engine OFF (stop button, or pull lanyard)
- RAISE MOTOR FULLY
- Close fuel air vent screw switch fuel source to off (Yamaha only)
- Walk boat to mooring (ask staff) or to beach (unload prior to reduce weight if lifting)
- Hang up life jackets & safety kits in boat shed
- Log off intentions board
- Rinse research equipment in freshwater.

Final shutdown must be supervised by staff .



Location:

Smiths Lake, NSW.
 UNSW research station via Horse Point Road.
 Main boat ramp: Smiths lake village. cnr Ansett Ave and Amaroo Drive

Weather & tides:

<http://www.bom.gov.au/nsw/forecasts/macquariecoast.shtml>

Local contact numbers:

- Police** Buladelah Police Station (02) 4997 4204 [23 Meade Street, Buladelah]
- Fire** FORSTER (02) 6554 6096
- Hospital** Buladelah Community Hospital (02) 4997 4477 [Richmond Street, Buladelah]
- Marine Rescue - Forster Tuncurry 02 6554 5458 or 0404 846 039 (closest)
- Marine Rescue - Port Stephens 02 4981 3585 or 0407 498 135 (back up)

EMERGENCY

- Life threatening call 000 for ambulance/ fire /police. Or try 112 if phone is locked.
- Non-life threatening including breakdown: call staff mobile numbers (*ensure you have these in your phone prior to departure*).
- Report all incidents to staff who can then assist and report to UNSW Harm2Zero.