



Pioner

Checklist and Procedures



Pioner – Before Boarding

The boat is permanently on the water:

- Collect a Radio.
- Collect the keys.
- Collect (and fill if necessary) the WS Pioner fuel tank from the fuel store. (It does not need a fuel line).
- Check that the rubber mats are in place on the slipway and that there are no obvious large stones etc. or debris.

Pioner – Pre-Use Checks

- Remove cover on console (stow in locker).
- Install kill cord (in locker) on switch,
- Install fire extinguisher (in locker) under console,
- Check bailer bucket and pump.
- Remove blue engine hood and stow in locker,
- Stow fuel can in locker and connect to engine, check breather is open and prime.
- Unlock padlock on security chain around jetty and place lock and chain in locker,
- Unlock security cord around chairs and jetty and place in locker,
- Check wheelchair ramp.
- Check that the bow door is shut and locked.

Pioner – Leaving Berth

- Lower engine (powered trim) enough to ensure that the coolant intakes are in the water.
- Make sure the propeller is off the ground. (Note that the water is very shallow at the Pioner mooring and the water level fluctuates, particularly when it has rained).
- Prepare lines to leave mooring.
- Check water around propeller:
 - Start engine and check tell tale.
 - Test kill chord.
 - Re-start engine.
- Leave Berth.
- Once in safe deep water (near the outer ends of the pontoons):
 - Lower engine fully.

Pioner – Mooring on Ramp

- Move the boat forward onto the slipway with the boat resting on the rubber mats.
- Secure the boat to the pontoon and walkway using the fore and stern mooring lines.
- Lower the bow door onto the mats. This will drain any remaining rainwater from the boat.
- Take the metal ramp ashore and secure to the end of the bow door.
- Place the white plastic chairs on the shore near the ramp.
- Visually check the door seal and surrounding area for stones, debris etc. and remove if necessary.



Loading – Plated Capacity

The Pioner is rated at:

Maximum loaded weight	982 kg
Maximum no. of persons	8

Passengers and wheelchairs should be evenly distributed to maintain the level trim and balance of the boat.

All wheelchairs must have their manual brakes applied once placed on the boat.

All electric wheelchairs must be switched off for the duration of the boat ride.

Passengers should not be attached to their wheelchairs (See High Needs later)



Loading – Manual Wheelchairs

Capacity	932 kg
Helm	100
4 x Manual wheelchairs (50kg each)	200
4 x Wheelchair users (100kg each)	400
2 x Carers (100kg each)	200
Total	900

Manual brakes must be applied, and the wheelchairs must be switched off.

Passengers in wheelchairs **should not be strapped into** their wheelchairs.



Loading – Electric Wheelchairs

Capacity	932 kg
Helm	100
2 x powered wheelchairs - 120kg each x 2 = 240kg	240
1 x Manual Wheelchair (50kg)	50
3 x Wheelchair users (300kg)	300
2 x Carers (200kg)	200
Total	890

Electric Wheelchairs must be loaded side by side as far back to the console as possible.

Manual brakes must be applied, and the wheelchairs must be switched off.



Loading – High Needs Electric Wheelchairs

Capacity	932 kg
Helm	100
Crew ^{*1}	100
2 x powered wheelchairs - 120kg each x 2 = 240kg	240
2 x Wheelchair users (100kg each)	200
2 x Carers ^{*2} (100kg each)	200
Total	840



Loading – High Needs Electric Wheelchairs (cont.)

A “High Needs” wheelchair user is someone who may be attached to external equipment e.g. air supplies and/or who must remain attached to their wheelchair for support.

*1 A crew is added as additional look out and as safety officer. This person is responsible for ensuring that the wheelchair user has been **unstrapped** and that **their self-inflating life jacket is fitted correctly**. In the event of an incident.

*2 There must also be a carer per client on the boat.

Electric wheelchairs must be loaded side by side as far back to the console as possible.

Manual brakes must be applied, and the wheelchair must be switched off.

Pioner – Before Setting Off

- Test the process of unstrapping any wheelchair user(s) and securing their lifejackets etc.
- Secure and Lock Bow Door (Tighten winch as tightly as possible). Make sure locking clasps and clips are secure.
- Prepare lines to leave mooring.
- Check water around propeller.
- Start engine and check tell tale.
- Test kill chord
- Re-start engine
- Perform a Radio Check with SAFETY (the Rib) and SESSION MANAGER.

Pioner – Returning to Berth

- Store ramp and chairs on board and secure with padlock and wire.
- Manoeuvre towards jetty and lift engine (electric lift) for shallow water. Moor against jetty facing East (towards the pub).
- Position boat so that the slipways fore and aft are clear
- With the boat positioned, tie up fore and aft.
- Turn off engine and lift engine (electric lift) so that the propeller is clear of the water and so that the engine can drain.
- Take padlock and chain from locker and secure to jetty
- Remove kill cord and place in locker
- Remove fire extinguisher and place in locker +



Pioner – Returning to Berth (cont.)

- Put blue engine cover on engine and tie on tightly.
- Put cover on console.
- Take security wire from locker and pass through the chairs on port side and lock to jetty.
- Ensure that bow door is closed properly. **Do not** leave ajar as this may damage the shape of the hull over time.
- Return keys to workshop cupboard.
- Confirm to session manager that all work has been completed.