

CCBM Boat Handling Training on Pamela May 2

Lesson 5 - Lock Operation

Pre-Lesson Preparation

- Study relevant sections in boater's handbook
- Study hand signals training sheet

Link and Revision

Steering and speed control.

Objectives

- Lock up or down safely and under control
- Safely assist lock operation as lockside crew

Stage 1 – Assess the Lock on Approach (demonstration followed by pupil practice)

Discussion and description

- Assess the physical environment – wind effect, flow of water (eg from bywash or river Salwarpe), leaks
- Position of lock landings.
- Is the lock set for or against?
- Ground paddles, gate paddles and/or side ponds.
- Hand signals.
- Briefing and deployment of crew.
- Fenders up.
- Danger from cill when locking down and beams when locking up.

Stage 2 – Lock Up

Practical demonstration

- Brief and deploy crew
- Put crew off safely ready for lock operation
- Line and speed of approach
- Use correct hand signals
- Crew and helm maintain eye contact throughout
- Position of boat while the lock is filling
- Leave the lock with gates closed and paddles down unless local signs say otherwise.

Stage 3 – Lock Down

Practical demonstration

- Brief and deploy crew
- Put crew off safely ready for lock operation
- Line and speed of approach
- Use correct hand signals
- Crew and helm maintain eye contact throughout
- Position of boat while the lock is emptying
- Leave the lock with gates closed and paddles down.

Stage 4 – Act as Lock Crew

Practical demonstration

- Leave the boat safely to go to the lock
- Check for other boats and proceed in an appropriate
- Check that all paddles are down before commencing lock operation
- Prepare the lock, wait for the boat to enter, close gates and lower paddles with correct and safe use of the windlass
- Empty or fill the lock under the direction of the helm
- Maintain eye contact with the helm and use/respond to hand signals
- On exit leave all gates closed and paddles down unless directed otherwise

Looking Forward

Bridges, tunnels, junctions and signals