

Pelican Waters North Lock

Remote key (FOB) access guide

JULY 2022



Sunshine Coast
COUNCIL

Our region.
Healthy. Smart. Creative.

Pelican Waters North Lock

Remote access guide

Pelican Waters canal is a semi tidal canal system, managed and maintained by council. Several weirs control the water levels, with a lock in place off Columba Place so boat users can access Pumicestone Passage at all times (except during maintenance).

Ways to access Pelican Waters North Lock

There are two options available to access the Pelican Waters North Lock:

- A wireless access system known as a Frequency Operated Button (FOB)
- An access card.

This guide outlines how to use the FOB system. However, Council strongly recommends all lock users carry the swipe card as a backup to the FOB.

Already use a card to access the lock? You don't need to upgrade to the FOB. You'll still be able to use your card to access the lock.

FOB - frequency operated button

The FOB device (figure 1) has a range of approximately 20-25m of the lock and will work similar to swiping the card remotely.

If a lock user wishes to purchase a FOB they will currently be required to pay a one off fee of \$133, annually adjusted (via council's budget fee process).

This fee includes a pre-programmed FOB remote along with an access card as a backup in case the FOB is lost, damaged or batteries run flat. Council strongly recommends all lock users carry the swipe card as a backup to the FOB.

If found to be damaged through neglect, incorrect use or loss, the user will be required to pay the replacement fee of \$133 (annually adjusted) for a new FOB. Replacement of batteries will also be at your own expense.

The FOB and cards are not transferrable and may not be on-sold.

How to purchase a FOB

Anyone can purchase the FOB from council's Maroochydore or Caloundra Customer Service counters. Please bring photo ID.

It comes with a two-year replacement guarantee. Council will cover the replacement of the FOB if the unit is found to be faulty during this time period.



Figure 1: Pelican Waters North Lock wireless remote (FOB) note: both buttons will operate the lock

Pay attention to the traffic lights. If red or amber do not proceed, if a solid red light is visible press fob button and wait for green light. If lights are green the vessel is clear to proceed into the lock and operate the button.

How to use the lock with the FOB

Operating the lock with a FOB is similar to using the existing access card. The lock can be activated by pushing either of the two buttons when in range of the transmitter.

- 1 When approaching the lock from north or south pay attention to the traffic lights; green lights indicate it is safe to pass into the lock; red lights indicate it is not and a user must press either of the FOB buttons (both do the same sequencing) to begin the process of opening and lock level equalization. If the lock is currently being used please be patient and give right of way to the other vessel. Once the vessel has passed the light will go green and you may proceed to enter the lock. **Do not approach the lock while the orange lights are flashing or while the gates are moving; wait for a green light before entering the lock.** See Figure 2.
- 2 Once inside the lock position the vessel inside within the red safety lines. These lines indicate the maximum vessel length, the ladders make a good reference point for positioning a vessel centrally. Vessels over the length of the red lines may become trapped and damaged, recovery will be at your own expense. See Figure 3.
- 3 **Once the vessel is safely between the red lines** (bow to stern), press one of the two FOB buttons to begin the lock operation and subsequent traversing through. The gates which are open will close, and the gates that are closed will open. When the gates are fully open and when the amber flashing light stops, it is safe for you to proceed. See figure 4.
- 4 If the gate stops mid-way through an operation, check that the boat is well clear of the gates and wait sixty seconds for the gate to restart. If the orange lights stop flashing, display the card again to the reader or press the fob button again. **Note:** the lock will not accept instructions while the orange lights are flashing.
- 5 Proceed out of the lock at idle speed to avoid collisions which may damage the vessel and the lock – and please take care to stay clear of the white trip wires when exiting the lock.

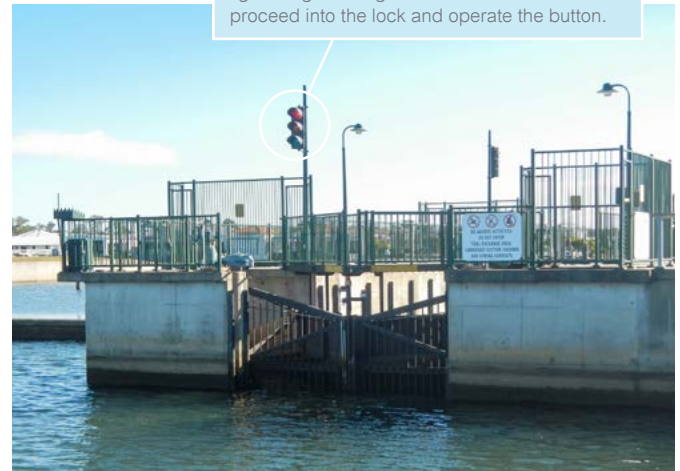


Figure 2: Lock lights, take note of light colours, Red and Amber STOP, Green is safe to proceed



Figure 3: Keep vessels located centrally and between red safety lines

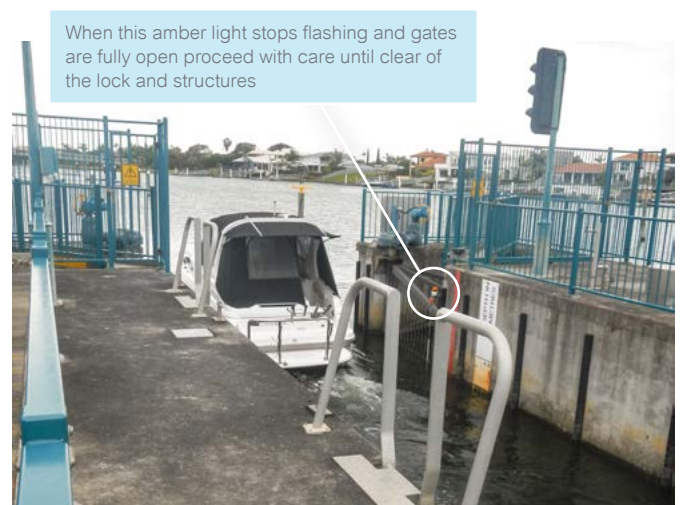


Figure 4: When amber light stops flashing proceed out of the lock with care at idle speed



Lock safety

- In the case of an emergency, a phone is located on the eastern platform and is accessible by the ladders.
- Emergency shutdown switches are located within the lock on the platforms on either side of the lock. However, if pressed and the event is a false alarm a callout fee will be charged to the user.
- Signage has been installed adjacent to the card reader with instructions on what to do in an emergency.
- Vessels without a reverse gear should not use the lock.
- Children are not permitted to operate the lock unless they have a full boat license.
- Further details are provided in the Pelican Waters north lake management plan (see further information).

Further information

The Pelican Waters north lake management plan and the artificial water ways resident's handbook is available on council's website at sunshinecoast.qld.gov.au/Environment/Rivers-and-Coast/Canals-lakes-and-locks



Alternatively you can contact council on the details below.



sunshinecoast.qld.gov.au
T 07 5475 7272 mail@sunshinecoast.qld.gov.au
Locked Bag 72 Sunshine Coast Mail Centre Qld 4560

