

theTARCinc 2010 Cape Cleveland Lighthouse DX-Pedition AU0045
for the International Lighthouse Lightship Weekend VK4WIT
Saturday 21st and Sunday 22nd August 2010 QH3OMT

This event is always a great weekend full of relaxed operating, the challenge of deploying HF VHF and UHF antennae in a remote environment and talking to stations at other lighthouses around Australia and the world.

The DX-pedition travels to and from the site via the mighty barge Hercules.

Costs for sea travel and gear cartage only \$60 per person return.

The trip over takes a little over an hour. The Hercules has plenty of cargo space but it can get wet.

There's then a walk up a rather steep road to the lighthouse, however most of the gear can be shipped up from the beach via trayback utility. Those that might wobble on the walk up can get a lift with the utility.

Departure will be 7:00am Saturday morning from the seaward Coast Guard ramp off Sir Leslie Thiess Drive.

Parking is not available at the boat ramp so a drop off would be best.

If you need to park it would be best back up at the Townsville Enterprise building or in the Casino car parks.

Essentials to bring :

Sleeping bag or Swag. Comfy chair. Sun protection (sunscreen, big sunhat etc.) Jacket or windcheater. Boots !

Lunch for Saturday, Breakfast for Sunday. Bring some fresh water, Drinks, Small Esky

BBQ meat &/or vegies for Saturday dinner, Nibbles for happy hours and on the way home.

The ladies are bringing their tea candle powered chocolate fondue – if you are nice they will share !

Binoculars, Telescopes, Cameras and things. Fishing gear if you want to dangle a line and catch us some dinner.

Available on site :

BBQ and firewood, Sheds for sleep and shelter. Solar Powered freezer !

About 6 beds available. Some need to bring a camp stretcher. Some tank water available but best bring your own.

Relaxed Timetable :

Saturday

Set up - antennae, batteries and radios should be ready around 1000 - 1100

During the morning and afternoon - try to spot Migaloo and other fantastic aquatic life

Sunday

For those that slept all night radios again. For those who made contacts all night get a few hours sleep.

0830 – Break camp and pull down ready for 1000 departure at the beach.

0900 – WIA National News and QNEWS transmitted portable onto VK4RAT VHF Repeater.

Radios ,Equipment & Operations :

The site can support a maximum of 2 HF transceivers operating at the same time.

One HF transceiver will sport a 20x20x20m Delta Loop with 160m to 10m capability.

There will also be operations on 6metres/VHF/UHF DX with Bazz's portable Log Periodic antenna.

Equipment will be battery powered and solar charged.

Operators on site will also be monitoring IRLP Node 6444 and other frequencies on handhelds.

Other Regional Lighthouse Stations :

Tablelands Radio Group VK4GHL AU0019 Grassy Hill Lighthouse near Cooktown (also doing PSK31)

Tablelands Radio and Electronics Club VK4WAT AU0065 Archer Point Lighthouse

Mackay Amateur Radio Association Inc VK4WIM AU0026 Old Pine Islet Light Mackay Harbour

Rockhampton and District Amateur Radio Club VK4VIL AU0059 Cape Capricorn Lighthouse

Tides: based on Townsville (HW -0H00M LW -0H01M Cape Cleveland)

Sat 21st - Low 0208 0.94m, High 0715 2.48m, Low 1332 0.69m, High 1956 3.27m

Sun 22nd - Low 0234 0.95m, High 0741 2.55m, Low 1350 0.68m, High 2019 3.26m

Astronomical Events: based on Townsville

Moon: Rise 21/1509 Set 22/0434 Near Full Sun: Set 21/1850 Rise 22/0541 (Nautical Twilight)

Mercury: Set Sat 1929 270true Venus: Set Sat 2116 262true Mars: Set Sat 2115 264true

Jupiter: Rise 21/2020 091true Peak 22/0227 71 elevation Set 22/0829 269true

International Space Station Passes -

Start – Sat 1656 329true Peak – 1701 064true 59 elevation End – 1706 139true not visible

Start – Sat 1834 259true Peak – 1836 231true 01 elevation End – 1839 204true not visible

Start – Sun 0421 197true Peak – 0426 123true 22 elevation End – 0431 054true visible

Start – Sun 0557 256true Peak – 0601 308true 07 elevation End – 0605 357true visible

Spot the Sea Monsters :

Official word is Migaloo is out there - 27 June 2010 Breaksea Spit Fraser Island heading northwards.

Cape Cleveland is a great whale watching spot and you can also see sea turtles, dolphins and other beasts.

See you there

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(more Lighthouse Weekend information at <http://illw.net>)