

# NOTICE TO MARINERS



## 064 of 2025

Issued by Townsville Maritime Region on 28 February 2025

**Area:** North Queensland  
**Locality:** Abbot Point Pilotage area, Great Barrier Marine Park and Coral Sea  
**Activity:** Space Launch – Safety exclusion area/debris hazard area - Amended

Mariners are advised that:

Bowen Orbital Spaceport is expected to commence Space vehicle launch operations from 15 March 2025. Prior to a launch, a safety exclusion area will be activated. Abbot Point VTS will broadcast when the safety exclusion area is activated and again to cancel the safety exclusion area via VHF Channels 12 and 16.

Mariners are advised that a person must not anchor, berth, moor or operate a ship (other than a ship owned and/or operated by the entities listed in Schedule B) within the safety exclusion area as described in Schedule A below:

**Schedule A**

Part of the waters of Abbot Point Pilotage Area bound by the coordinates below.

<b>Launch Hazard Area</b>	Latitude	Longitude	Launch dates and timings will be announced on <a href="http://www.gspace.com/missions">www.gspace.com/missions</a>
	19° 55.699'S	148° 05.955'E	
<b>Abbot Point Pilotage waters</b>	19° 51.352'S	148° 14.318'E	Broadcasts on VHF Channel 12 and 16
	19° 54.462'E	148° 20.009'E	
	19° 57.856'S	148° 13.483'E	
	and back to the point of commencement		

And as shown on the map ***S11-714 Space Launch - Debris Hazard Zone***

**Schedule B**

- (a) Queensland Police Service
- (b) Department of Transport and Main Roads, Maritime Safety Queensland
- (c) A ship authorised by Queensland Police Service and/or Maritime Safety Queensland to assist with the monitoring and management of the safety exclusion area.

For the waters described in Schedule A above, the safety exclusion area shall commence one (1) hour prior to any space launch and remain active until 30 minutes after the space launch is completed (or as varied due to continuing hazards in the safety exclusion area).

If a programmed space launch is cancelled, the safety exclusion area for that launch will be rescinded.

Mariners are also advised that the space launch debris hazard extends beyond the safety exclusion area across two additional areas that form part of the waters of Australian Territorial Sea, Great Barrier Reef Marine Park (GBRMP) and the Coral Sea as described below

<b>Space Launch Hazard Area</b>	Waters bound by the coordinates below		Launch dates and timings will be announced on <a href="http://www.gspace.com/missions">www.gspace.com/missions</a>
	Latitude	Longitude	
	19° 51.352'S	148° 14.318'E	
	19° 31.653'S	148° 52.223'E	

<b>Australian Territorial Sea, GBRMP Waters</b>	19° 36.280'S	148° 54.971'E	Broadcasts on VHF Channel 11, 14 and 16 (subject to VHF range)
	19° 54.462'S	148° 20.009'E	
	and back to the point of commencement		

<b>Space Launch Hazard Area</b>	Waters bound by the coordinates below		Launch dates and timings will be announced on <a href="http://www.gspace.com/missions">www.gspace.com/missions</a>
	Latitude	Longitude	
<b>Coral Sea</b>	18° 59.943'S	149° 43.659'E	Broadcasts on VHF Channel 11, 14 and 16 (subject to VHF range)
	18° 34.738'S	150° 33.297'E	
	18° 45.709'S	150° 41.465'E	
	19° 10.898'S	149° 51.463'E	
	and back to the point of commencement		

And as shown on the map *S11-714 Space Launch - Debris Hazard Zone*.

For the waters described above as “Australian Territorial Sea, GBRMP and Coral Sea Space Launch Hazard Area”, the hazard area will commence one hour prior to the launch and shall remain active until 2 hours after the rocket launch is completed (or as varied due to continuing hazards in the safety exclusion area).

If a programmed space launch is cancelled, the safety exclusion area for that launch will be rescinded.

Mariners are advised that during a launch debris may fall within the safety exclusion area and the Space Launch - Hazard Area

Launch information will be broadcast on VHF channel 16, 12, 11 and 14 as follows

**Launch – 6 hours.** Initial alert, safety exclusion area active, launch scheduled, vessels advised to clear the area.

**Launch – 1 hour.** Warning - safety exclusion area active, launch imminent in 1 hour, vessels advised clear the hazard area.

**Launch – Count down commenced.** Warning - safety exclusion area active - launch imminent.

**Launch – completed** – All Clear - safety exclusion area deactivated.

**Launch information and updates will be provided at [Missions | Gilmour Space \(gspace.com\)](http://Missions | Gilmour Space (gspace.com))**

Gilmore Space Launch Information is available on telephone **+61 7 56189043**

Mariners are advised to remain clear of an active safety exclusion area and to navigate with extreme caution.

**Refer to notice:** 006 of 2025

**Cancel notice:** 006 of 2025

**AUS charts affected:** AUS 255, AUS 826, AUS 4060

**ENC Cells affected:** AU5ABP01, AU320148, AU320149

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Latitude and longitude positions are on WGS84 horizontal datum and are compatible with GDA2020 datum.

**For further information about this notice, please contact:**






The Townsville Regional Harbour Master's office:

Phone 07 4421 8100

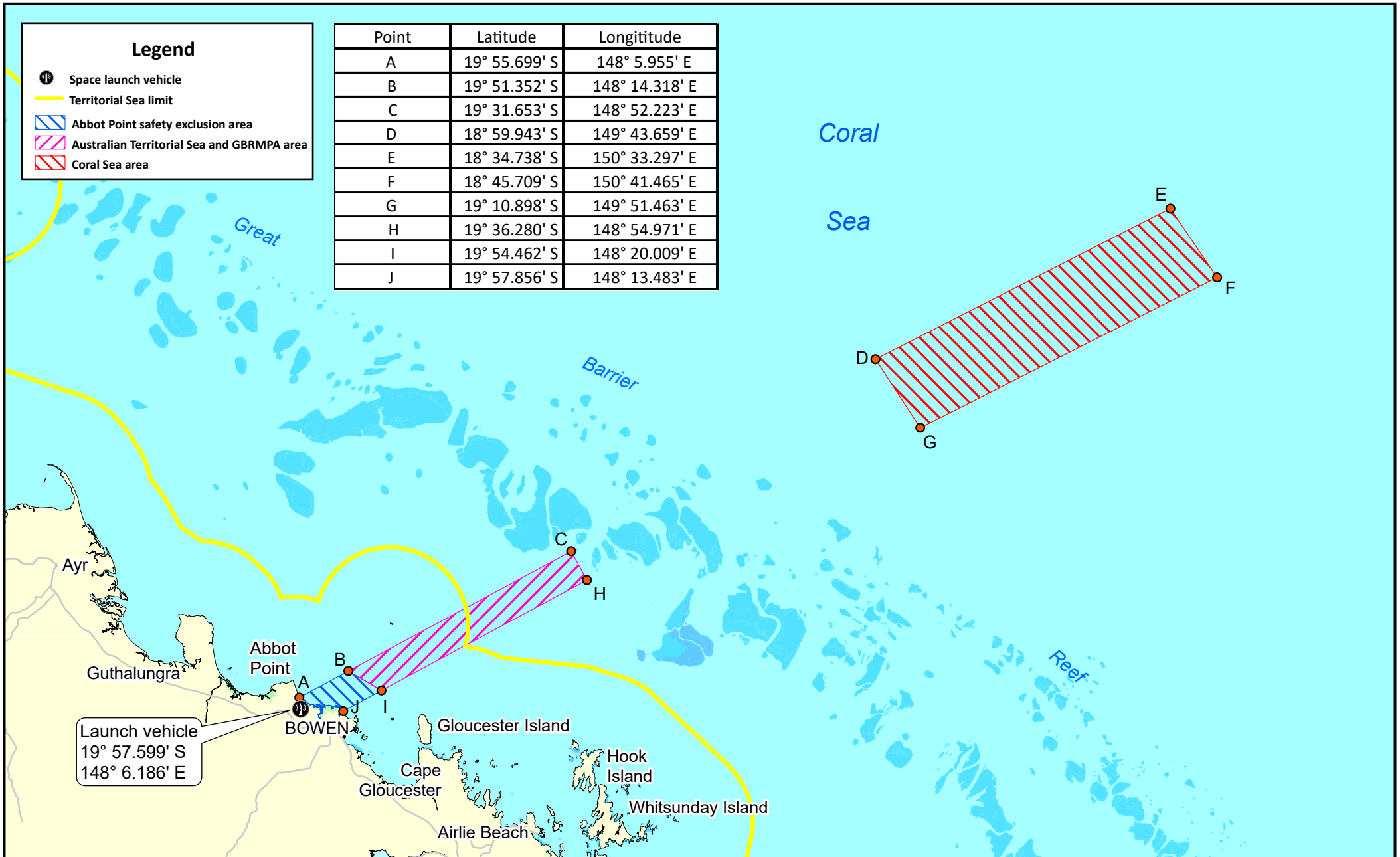
Email: [vtstownsville@msq.qld.gov.au](mailto:vtstownsville@msq.qld.gov.au)

**Notice authorised by: Regional Harbour Master (Townsville) - Maritime Safety Queensland**

### Legend

-  Space launch vehicle
-  Territorial Sea limit
-  Abbot Point safety exclusion area
-  Australian Territorial Sea and GBRMPA area
-  Coral Sea area

Point	Latitude	Longitude
A	19° 55.699' S	148° 5.955' E
B	19° 51.352' S	148° 14.318' E
C	19° 31.653' S	148° 52.223' E
D	18° 59.943' S	149° 43.659' E
E	18° 34.738' S	150° 33.297' E
F	18° 45.709' S	150° 41.465' E
G	19° 10.898' S	149° 51.463' E
H	19° 36.280' S	148° 54.971' E
I	19° 54.462' S	148° 20.009' E
J	19° 57.856' S	148° 13.483' E



Map S11-714

Map Datum: GDA2020  
Projection: UTM (MGA Zone 55)

Prepared 24 February 2025  
Maritime Safety Queensland  
Port Operations and VTS - Spatial Services

Navigation constraints issued by Regional Harbour Master (Townsville)

## SPACE LAUNCH - DEBRIS HAZARD ZONE ABBOT POINT

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Transport and Main Roads

