

MISSION 001: TESTFLIGHT 1

PUBLIC INFORMATION ON VIEWING AND SAFETY

The information contained in this document is current as of 29 April 2024. For the latest information, please check our website: <https://www.gspace.com/missions>

Gilmour Space Technologies is expecting to launch its inaugural **TestFlight1 mission** from the Bowen Orbital Spaceport (BOS) in north Queensland in the near future.

This will be the maiden launch of Australia's first sovereign-made orbital rocket, and the first orbital launch attempt from Australia in over 50 years.



WHEN IS THE LAUNCH?

Official launch dates are yet to be determined, pending final approvals including the launch permit from the Australian Space Agency.

We will share the new launch window for Eris TestFlight1 when dates are available. Do check our *Missions* webpage for updates; but note that Gilmour Space cannot and does not guarantee the occurrence of a launch. The timing and date of launches are contingent upon weather conditions and other factors, thus always subject to change.

WHERE CAN I VIEW THE LAUNCH?

Given the unpredictable nature of first rocket launches, **spectators are not encouraged for TestFlight1**. There is a high likelihood of delays or scrubs (e.g., due to weather conditions, unforeseen technical issues), which could last hours, days, or even weeks, making visitor planning extremely challenging.

More importantly, Safety will be our top priority:

- **Safety Zones will be designated on land, water, and in the air** during launch periods.
- The launch site will not be visible from any publicly-accessible point during those times; and
- Gilmour Space will not be providing viewing areas for the public. Any potential spectators will need to make their own arrangements.

Tips for Locals: Local Bowen residents who still wish to view the launch attempt could consider these public locations.

<i>For Easy access and car parking:</i>	<i>For elevated views:</i>
1. Coral Beach	1. Watertank
2. Grays Beach	Murals
3. Lions Park	2. Flagstaff Hill
4. Ethel Barker Park	
5. Queens Beach	
6. Yasso Point	

Nb: These areas will not be monitored by Gilmour Space; nor do we give any warranty as to the suitability of these sites for viewing the launch.

WILL THERE BE A LIVESTREAM?

Unfortunately, we will not be able to support a livestream at this time. This will be Australia's first orbital launch attempt in over 50 years; and as both the launch vehicle and launch site operator, Gilmour Space will be working closely with authorities to ensure a safe and successful campaign. **We plan to release video footage after the launch.**

OTHER FAQ's

Will major roads be affected during launch?

Only Abbot Point Road will be affected on launch days during nominated times. Gilmour Space Launch Safety Zones will not close or obstruct any other roads.(see *Safety Zones: Road Access*).

Will public buses and trains be affected?

No. Gilmour Space will not be requesting any changes to public transport.

Will there be restrictions to Marine access?

Yes, Marine Safety Zones will be declared for waters surrounding the launch area and along the rocket flightpath (see *Safety Zones: Marine Access*).

Can I use a drone?

Gilmour Space will be establishing a temporary restricted airspace around the launch site, and the use of drones in this area is strictly prohibited (see *Safety Zones: Air Access*).

HOW CAN I CONTACT GILMOUR SPACE?

For updates on the launch, follow Gilmour Space at www.gspace.com/missions

[Facebook](#) | [Twitter](#) | [LinkedIn](#) | [Instagram](#)

Email: info@gspace.com

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SAFETY ZONES

Safety is our highest priority at Gilmour Space. In consultation with the Australian Space Agency, Civil Aviation Safety Authority, Maritime Safety Queensland, and Queensland Police, **Safety Zones will be activated in the air, on the water and over the ground.** Access to these areas will be restricted during the launch period.

1. ROAD ACCESS

Bowen Orbital Spaceport is located within the Abbot Point State Development Area, which is a secured and private site.

- **Temporary road closures will be in place on Abbot Point Road** for public safety during nominated times on launch days. These road closures have been developed in consultation with the port operator. All persons other than emergency services will be excluded from access to Abbot Point Road at the road closure points marked in *Figure 1*.
- Road closure will take effect from **about 30 minutes before launch**.

Gilmour Space is not requesting any other road closures and therefore expects no other roads will be affected by launch activities.

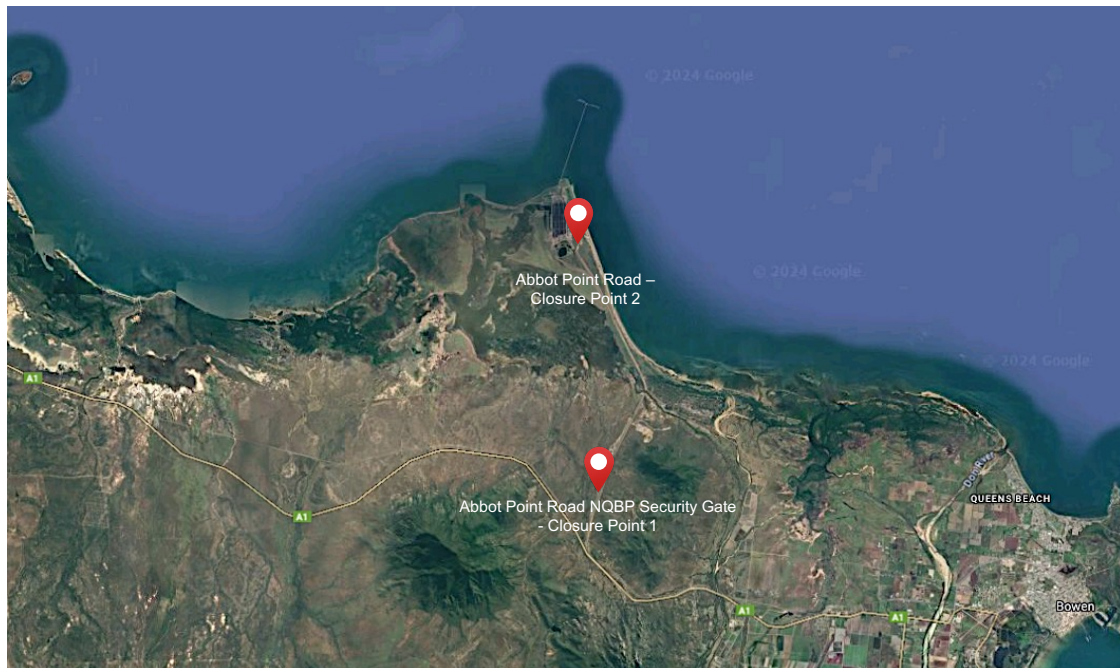


Figure 1 – Road closures at Abbot Point Road, Bowen

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SAFETY ZONES

2. MARINE ACCESS

To facilitate the safety of vessel navigation during launch activities, **Marine Safety Zones will be declared for waters surrounding the launch area and along the rocket flightpath** (see Figures 2 and 3).

- Marine Safety Zones will be communicated via Notice to Mariners, Coastal Warnings, NAVAREA X and NAVAREA XIV warnings, and Sécurité broadcasts at regular intervals during activation periods on Marine VHF Channel 16 (callsign “Gilmour Space”).
- Marine Safety Zones could be in place **around an hour before launch**.
- All marine craft should avoid these Marine Safety Zones while they are active.

MARINE SAFETY ZONE COORDINATES (Figures 2 and 4)

19°55.608'S 148°05.904'E
 19°11.412'S 149°03.504'E
 18°26.448'S 150°29.700'E
 18°52.956'S 150°45.000'E
 19°32.094'S 149°28.974'E
 19°57.492'S 148°13.224'E thence along the mean high-water mark to 19°55.608'S 148°05.904'E

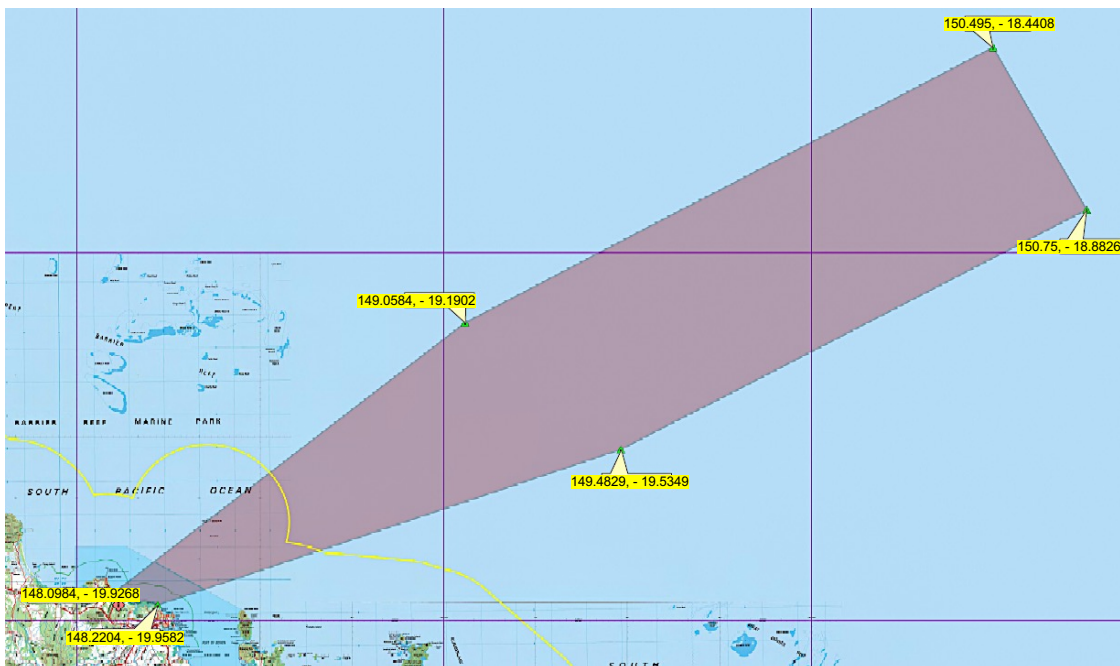


Figure 2

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SAFETY ZONES

2. MARINE ACCESS (Con't)



Figure 3

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SAFETY ZONES

3. AIR ACCESS

To facilitate the safety of air navigation during launch activities, **Temporary Restricted and Danger Areas will be declared for Airspace surrounding the launch area and along the rocket flightpath**, depicted in Figures 4 and 5.

- The exact dates and times the Restricted and Danger Areas become active will be communicated via Notice to Airmen (NOTAM), with radio broadcasts made at regular intervals during NOTAM activation periods on applicable Aviation VHF frequencies (callsign "Gilmour Space").
- Restricted and Danger Areas will be in place for a small area over the launch site for up to 6 hours before launch and for the corridor along the launch trajectory **around 15 minutes before launch**.
- **Temporary Restricted and Danger Areas are also applicable to Drones.** The use of drones in this area is strictly prohibited.

AIR FILLING SAFETY ZONE COORDINATES (Figure 4)

A circle of 1 nautical mile radius centred on the point 19.9581°S 148.1136°E
Surface to 3,500 Feet Above Mean Sea Level



Figure 4

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SAFETY ZONES

3. AIR ACCESS (Con't)

AIR LAUNCH SAFETY ZONE COORDINATES (Figure 5)

From 19.9140°S 148.0886°E via the major arc of a circle of radius 3nm centred on 19.9581°S 148.1136°E to 20.0022°S 148.1387°E thence via 19.8431°S 149.2683°E
 19.0271°S 150.8329°E
 18.2941°S 150.4115°E
 19.1110°S 148.8435°E to 19.9140°S 148.0886°E.

SURFACE TO UNLIMITED



Figure 5