



Marine Notice No. 01 of 2023

Notice to all Shipowners, Fishing Vessel Owners, Agents, Shipmasters, Skippers, Fishers, Yachtsmen and Seafarers

Virgin Orbit Satellite Launch Attempt off the Southern Coast of Ireland

1. Notice of Activity

The Department of Transport has been advised that Virgin Orbit plans to establish a space launch hazard area off the South-West Coast of Ireland on the **09 January 2023 and 10 January 2023** between the hours of 22:00 and 01:00, subject to weather and operational constraints. Should the primary launch date be postponed for any reason, back up launch dates are in place as detailed under “Set 1” in the table below. The launch will move to the dates listed in “Set 2” should the launch not take place during “Set 1”.

| | Start | | End | |
|-----------|--------|------------|--------|------------|
| | Date | Time (UTC) | Date | Time (UTC) |
| | Set 1 | | | |
| Primary | 09-Jan | 22:16 | 10-Jan | 00:16 |
| Back-up 1 | 13-Jan | 22:16 | 14-Jan | 00:16 |
| Back-up 2 | 15-Jan | 22:16 | 16-Jan | 00:16 |
| | Set 2 | | | |
| Primary | 18-Jan | 22:16 | 19-Jan | 00:16 |
| Back-up 1 | 19-Jan | 22:16 | 20-Jan | 00:16 |
| Back-up 2 | 20-Jan | 22:16 | 21-Jan | 00:16 |

2. Area of Activity

Virgin Orbit LLC will be conducting a satellite launch attempt originating from the UK’s Spaceport Cornwall. The rocket launch vehicle will be deployed by air over water near the Southern Coast of Ireland. Where the launch attempt proceeds as planned, no debris will enter the marine hazard area set out in the co-ordinates below and the map at Appendix 1. However, there is a low probability for the vehicle to produce dangerous debris if a mishap were to occur.

| Point | Latitude | Longitude |
|-------|--------------|--------------|
| 1 | 51° 28.560'N | 11° 06.418'W |
| 2 | 51° 24.328'N | 10° 33.726'W |
| 3 | 50° 44.770'N | 10° 47.702'W |
| 4 | 50° 16.669'N | 10° 43.051'W |
| 5 | 49° 09.281'N | 11° 07.377'W |
| 6 | 49° 17.064'N | 12° 01.525'W |
| 7 | 50° 24.230'N | 11° 41.905'W |
| 8 | 50° 49.252'N | 11° 19.721'W |
| 9 | 51° 28.560'N | 11° 06.418'W |

Mariners are advised to avoid the marine hazard area during and leading up to the launch period due to possible dangerous conditions from potential rocket debris. Virgin Orbit will be taking steps to monitor the area during a launch attempt. Precise dates and details of the launch will be promulgated through the MSI service by the Irish Coast Guard and UK coastguard on VHF, MF and NAVTEX Broadcasts, 5 days before the launch. Virgin Orbit will be taking every step possible to monitor the area during the launch attempt. Mariners are advised to report any debris or pollution sightings as a result of any mishap due to launch.

3. Contact Details

Enquiries regarding the contents of this Marine Notice, or any other matters, should be directed to:

Collin Corey
Range Control
Telephone +1-661-754-4371
Email info@virginorbit.com

Note: Marine Notices are issued purely for maritime safety and navigation reasons and should not be construed as conferring rights or granting permissions.

Irish Maritime Administration,
Department of Transport,
Leeson Lane, Dublin 2, D02 TR60, Ireland.

04/01/2023

Encl: Appendix 1

For any technical assistance in relation to this Marine Notice, please contact:
The Marine Survey Office, email: MSO@transport.gov.ie
For general enquiries, please contact the Maritime Safety Policy Division, email:
MaritimeSafetyPolicyDivision@transport.gov.ie
Written enquiries concerning Marine Notices should be addressed to:
Dept. of Transport, Maritime Safety Policy Division, Leeson Lane, Dublin 2, D02 TR60, Ireland.
email: MarineNotices@transport.gov.ie or visit us at: www.gov.ie/transport

Appendix 1 Map of Area

