

ROCKET LAUNCH FROM MAHIA PENINSULA, HAWKES BAY, NEW ZEALAND

Rocket Lab will be launching a rocket into space from Mahia, Hawkes Bay. The rocket will fly East South East (115°) from the tip of Mahia Peninsula (39°15' S, 177°52' E). The area beneath the rocket's flight path near the launch point must be clear at the time of launch. The launch time cannot be exactly predicted ahead of time. The launch may be:

- Any day from Friday 16th August to Friday 30th August, 2019

The daily launch window will be approximately 1 hour 40 minutes, and will occur approximately 26 minutes earlier each day of attempted launch.

Rocket Lab broadcasts up-to-date launch information on **Marine VHF Channel 79**

Vessels planning to cross the area below are requested to contact Rocket Lab Range Control on **Marine VHF Channel 07** or **Channel 16** at the earliest opportunity.

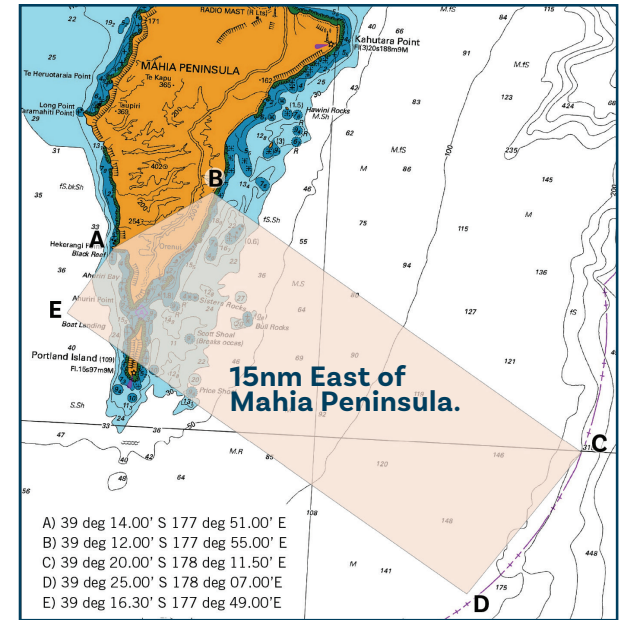
Range Control may request a slight speed or course change to assist in clearing the area before the actual launch time.

MARINE SAFETY ZONE ACTIVATION AND DE-ACTIVATION TIMES MAY OCCUR EACH DAY AS FOLLOWS:

Hazard Area active No earlier than NZST	Hazard Area de-activated No later than NZST
16-Aug-2019 22:57:00	17-Aug-2019 03:07:00
17-Aug-2019 22:32:00	18-Aug-2019 02:41:00
18-Aug-2019 22:06:00	19-Aug-2019 02:15:00
19-Aug-2019 21:40:00	20-Aug-2019 01:50:00
20-Aug-2019 21:15:00	21-Aug-2019 01:24:00
21-Aug-2019 20:49:00	22-Aug-2019 00:58:00
22-Aug-2019 20:23:00	23-Aug-2019 00:32:00
23-Aug-2019 19:58:00	24-Aug-2019 00:07:00
24-Aug-2019 19:32:00	24-Aug-2019 23:41:00
25-Aug-2019 19:06:00	25-Aug-2019 23:15:00
26-Aug-2019 18:40:00	26-Aug-2019 22:50:00
27-Aug-2019 18:15:00	27-Aug-2019 22:24:00
28-Aug-2019 17:49:00	28-Aug-2019 21:58:00
29-Aug-2019 17:23:00	29-Aug-2019 21:33:00
30-Aug-2019 16:58:00	30-Aug-2019 21:07:00

The area extends approximately **15nm East of Mahia Peninsula**. The boundary points are:

- A) 39 deg 14.00' S 177 deg 51.00' E
- B) 39 deg 12.00' S 177 deg 55.00' E
- C) 39 deg 20.00' S 178 deg 11.50' E
- D) 39 deg 25.00' S 178 deg 07.00' E
- E) 39 deg 16.30' S 177 deg 49.00' E



See Notice to Mariners Ed. 16 and the Rocket Lab website (www.rocketlab.co.nz) for details or scan the QR code below.

