



## PERMITTING DECISION SUMMARY

### BRO-1

#### Unseenlabs SAS

1. Unseenlabs SAS is a French company specialising in the design and development of electronic equipment, including satellites.
2. BRO-1 (Breizh Reconnaissance Orbiter) is a 6U CubeSat with solar cells and batteries. It is a spectrum monitoring and electromagnetic intelligence service for maritime and aerial traffic surveillance.
3. The BRO-1 satellite will enhance Unseenlabs SAS maritime tracking systems. It is the first in a constellation of satellites dedicated to the maritime surveillance service provided by Unseenlabs SAS.
4. Payloads are permitted in line with the [Outer Space and High-altitude Activities Act 2017](#) (OSHAA) and the [Outer Space and High-altitude Activities \(Licences and Permits\) Regulations 2017](#).
5. Each payload has been approved by the Minister for Economic Development, on advice from officials across agencies. When approving payloads, the Minister needs to be satisfied that:
  - a. The applicant has taken and will continue to take all reasonable steps to safely manage the operation of the payload;
  - b. The proposed operation of the payload is consistent with New Zealand's international obligations; and
  - c. The applicant has an orbital debris mitigation plan that meets prescribed requirements.
  - d. Despite being satisfied of these matters, the Minister may nevertheless decline a permit if he is not satisfied that the proposed operation of the payload is in New Zealand's national interest.
6. Prior to the OSHAA, the [contract with Rocket Lab](#) allowed the Government to veto the launch of any payload that it determined was contrary to New Zealand law, regulations or policy, was contrary to New Zealand's international obligations or would prejudice New Zealand's national security or other national interests. Every payload launched by Rocket Lab under the contract was assessed against these interests.

Date Granted	Authorisation Number	Payload Name	Owner or Operator	Country of Origin
15 July 2019	190076-PPT	BRO-1	Unseenlabs SAS	France



**NEW ZEALAND  
SPACE AGENCY**



## PAYLOAD PERMIT

**190076 - PPT**

I, Hon Phil Twyford, as Minister for Economic Development, acting pursuant to section 17 of the Outer Space and High-altitude Activities Act 2017 grant a Payload Permit to:

**Unseenlabs SAS**

Unseenlabs SAS is authorised to launch and operate one BRO-1 satellite, for the purpose of remote sensing.

This permit will take effect upon signature, and will expire when the payload is no longer in the Earth's orbit.

This permit is granted subject to the Outer Space and High-altitude Activities Act 2017 and all regulations under the Act, and the conditions of the permit.

*15 July 2019*

Dated

Hon Phil Twyford  
Minister for Economic Development