



PERMITTING DECISION SUMMARY

Painani-1

Mexico Secretariat of National Defence

1. The Mexico Secretariat of National Defence (SEDENA) sponsors one university project each year to advance digital imaging technology. The University involved in this project is the Ensenada Centre for Scientific Research and Higher Education.
2. Painani-1 payload is a 3U CubeSat. It is equipped with four 'web-camera' like sensors for remote imaging. This will only be made available to SEDENA and students involved in the programme.
3. The payload is designed to enable students to conduct digital image processing and software improvement experiments as part of their study. The outcome of this mission will inform future iterations of satellites.
4. Payloads are permitted in line with the [Outer Space and High-altitude Activities Act 2017](#) 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 NZ law, regulations or policy, was contrary to NZ's international obligations or would prejudice NZ'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
18 June 2019	190066-PPT	Painani-1	Mexico Secretariat of National Defence	Mexico



**NEW ZEALAND
SPACE AGENCY**



PAYLOAD PERMIT
190066-PPT

I, Hon David Parker, 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:

Mexico Secretariat of National Defence

Mexico Secretariat of National Defence is authorised to launch and operate **PAINANI-1**, for the purpose of technology demonstration and remote sensing.

This permit will take effect upon signature and will expire when the payload is launched and 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.

18/6/19

Dated

Hon David Parker
Minister for Economic Development



New Zealand Government