

PERMITTING DECISION SUMMARY

4 x LEMUR-2

Spire Global Inc (Spire)

1. Spire Global, Inc (Spire) is a space-to-cloud data and analytics company. Spire specialises in the collection of space-based data through its large proprietary constellation of LEMUR-2 multipurpose nanosatellites.
2. The LEMUR-2 payloads under this permit are optical imaging satellites and will form an independent constellation, for the purpose of collecting space situational awareness data.
3. 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](#).
4. Each payload has been approved by the Minister for Space, 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.

Date Granted	Authorisation Number	Payload Name	Owner or Operator	Country of Origin
2 October 2023	A230242-PPT	4 x LEMUR-2	Spire Global Inc,	United States