



## PERMITTING DECISION SUMMARY

### LEMUR-2

#### Spire Global, Inc

1. Spire Global, Inc (Spire) is a space-to-cloud data and analytics company that specialises in the collection of global data through a large nanosatellite constellation.
2. LEMUR-2 are 3U (100mm x 100mm x 340.4mm) CubeSats with solar cells and batteries for the purpose of meteorological, aviation, and maritime monitoring. This payload permit is for 35 additional LEMUR-2 payloads.
3. These LEMUR-2 payloads will join the larger LEMUR-2 constellation, which Spire manufactures and operates.
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.

| Date Granted   | Authorisation Number | Payload Name | Owner or Operator  | Country of Origin |
|----------------|----------------------|--------------|--------------------|-------------------|
| 24 August 2021 | 200184-PPT           | LEMUR-2      | Spire Global, Inc. | United States     |