



PERMITTING DECISION SUMMARY

SPACEBEEs (Qty 72)

Swarm Technologies Incorporated

1. Swarm Technologies Inc (Swarm) is a company based in the USA that is working to provide low-cost global connectivity to make the internet more accessible.
2. The SPACEBEEs CubeSats (10cm x 10cm x 2.5cm) will provide an Internet of Things (IoT) data connectivity service, as part of Swarm’s planned IoT service offering to remote regions around the world.
3. The 72 SPACEBEEs will cover two models of Swarm CubeSats – with propulsion and without propulsion. This will provide Swarm with flexibility in their payload permit to launch either model of CubeSat.
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](#).
 - a. 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:
 - b. The applicant has taken and will continue to take all reasonable steps to safely manage the operation of the payload;
 - c. The proposed operation of the payload is consistent with New Zealand’s international obligations; and
 - d. The applicant has an orbital debris mitigation plan that meets prescribed requirements.
 - e. 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 June 2021	210177-PPT	SPACEBEEs (72)	Swarm Technologies Inc.	United States