



## PERMITTING DECISION SUMMARY

### StardustMe-1 (SD-1) – variation to current payload permit #220204

#### StardustMe Limited

1. StardustMe Limited (StardustMe) is a New Zealand start-up company that has designed and developed technology to fly token amounts of cremated human remains to enable customers to honour loved ones.
2. StardustMe applied to vary the overseas payload permit (220204-PPT) previously issued on 8 August 2022. StardustMe requested a change to the orbital parameters for the planned overseas launch.
3. The SD-1 payload will be hosted inside D-Orbit's ION satellite carrier, along with other customer payloads. Once launched, the satellite carrier will be deployed from the launch vehicle to place payloads into distinct orbits. The SD-1 payload remains secured to the inside of the satellite carrier and will not be released into orbit.
4. The SD-1 hosted payload does not have the capability to perform any operational functions while on orbit and it does not produce any data. Power, communications, command and control, and propulsion are performed by D-Orbit's satellite carrier.
5. 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](#).
6. 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 (variation)	Authorisation Number	Payload Name	Owner or Operator	Country of Origin
16 November 2022	220204-PPT	SD-1	StardustMe Limited	New Zealand