



PERMITTING DECISION SUMMARY

Capella 11 and Capella 12

Capella Space Corporation

1. Capella Space Corporation (Capella) is a U.S. aerospace and information services company. Capella specialises in Synthetic Aperture Radar (SAR) data products. SAR is a form of radar that can create 2D images or 3D reconstructions of objects, such as landscapes.
2. Capella 11 and Capella 12 are micro-satellites with SAR capability. They will join an existing constellation operated by Capella which provides consistent radar monitoring.
3. Capella's customers can use its data to monitor anywhere change is occurring on the Earth's surface, e.g. infrastructure failure, environmental and agricultural monitoring and search, rescue and recovery operations.
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
1 June 2023	A230226-PPT	Capella 11 and Capella 12	Capella Space Corporation	U.S.