



PERMITTING DECISION SUMMARY

Jukebox

Inmarsat Global Ltd

1. Inmarsat Global Ltd is a global provider of mobile satellite and technology services. The company is based in the United Kingdom.
2. The primary mission of the Jukebox satellite is a technology demonstration of two radios, with the aim to improve understanding of communication systems performance for low Earth orbit (LEO). The results from this research activity will then inform if and how Inmarsat will further develop LEO based communication systems and Internet of Things.
3. 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](#).
4. 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
19 December 2019	190109-PPT	Jukebox	Inmarsat Global Ltd	United Kingdom



**NEW ZEALAND
SPACE AGENCY**



PAYLOAD PERMIT

190109 - PPT

I, Hon Phil Twyford, as Minister for Economic Development, acting pursuant to section 17 of the Outer Space and High-altitude Activities Act 2017 grant a Payload Permit to:

Inmarsat Global Ltd

Inmarsat Global Limited is authorised to launch and operate one 'Jukebox' payload, for the purpose of technology demonstration.

This permit will take effect upon signature, and will expire
(i) two (2) years from that date, or

(ii) if the payload is launched, when the payload is no longer in the Earth's orbit.

This permit is granted subject to the Outer Space and High-altitude Activities Act 2017 and all regulations under the Act, and the conditions of the permit.

19.12.19

Dated

Hon Phil Twyford
Minister for Economic Development