



PERMITTING DECISION SUMMARY

Harbinger York Space Systems LLC

1. York Space Systems LLC is a satellite manufacturing company based in the United States.
2. Harbinger is a 170kg spacecraft bus. It is a YORK S-class satellite bus with four deployable fixed solar arrays and batteries.
3. Its purpose is to demonstrate numerous advanced technologies for a highly capable production based spacecraft platform
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](#).
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.
6. Prior to the OSHAA, the [contract with Rocket Lab](#) allowed the Government to veto the launch of any payload that it determined was contrary to New Zealand law, regulations or policy, was contrary to New Zealand's international obligations or would prejudice New Zealand's national security or other national interests. Every payload launched by Rocket Lab under the contract was assessed against these interests.

Date Granted	Authorisation Number	Payload Name	Owner or Operator	Country of Origin
4 April 2019	180051-PPT	Harbinger	York Space Systems LLC	United States



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PAYLOAD PERMIT

180051-PPT

I, Hon David Parker, 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:

York Space Systems LLC

York Space Systems LLC is authorised to launch and operate **Harbinger**, for the purpose of remote sensing.

This permit will take effect upon signature, and will expire

- (i) if there ceases to be a United States authorisation, 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.

4/4/19

Dated

Hon David Parker
Minister for Economic Development

