



PERMITTING DECISION SUMMARY

KOSEN-2R

National Institute of Technology, Yonago College

1. National Institute of Technology, Yonago College is a polytechnic institute in Japan.
2. KOSEN-2R is a cubesat that will demonstrate the collection of data on seafloor crustal deformation using a directional antenna, high-precision attitude control using a reaction wheel system that combines a fisheye camera and magnetic sensors, and satellite communication using a data collection system designed for multi-point reception.
3. 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](#).
4. Each payload has been approved by the Minister for Space, 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 they are 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
10 December 2025	250480-PPT	KOSEN-2R	National Institute of Technology, Yonago College	Japan