



April 2, 2026
Japan Radio Co., Ltd.
SKY Perfect JSAT Corporation
Sharp Corporation

**JRC, SKY Perfect JSAT, and Sharp Collaborate to Promote the
Ministry of Defense's Publicly Announced Project "Development and
Demonstration of Resiliency Technology for Multi-Orbit
Communications Systems" Selected for JRC**

Japan Radio Co., Ltd. ("JRC"), SKY Perfect JSAT Corporation ("SKY Perfect JSAT"), and Sharp Corporation ("Sharp") will collaborate to develop and demonstrate a next-generation communications system in support of the Ministry of Defense (Japan) program titled "Development and Demonstration of Resilience-Enhancing Technologies for Multi-Orbit (*1) Communications Systems", for which JRC was selected on February 4, 2026.

This solicitation is intended to enhance the resilience (*2) and reliability of communications infrastructure, in light of expanding communications demand in the disaster prevention and defense domains and the growing need to secure stable communications under a variety of circumstances, including natural disasters and unforeseen events. It aims to build a next-generation communications system that leverages a combination of GEO, MEO and LEO satellites (*3), and to enable multi-orbit operation by establishing control technologies that allow seamless switching among satellite links—where satellite communications are currently operated through separate systems optimized for each orbit.

During the project period through March 31, 2028, JRC will oversee overall project coordination, SKY Perfect JSAT will lead the development of a seamless communications network, and Sharp will primarily drive the development of a multi-orbit-capable satellite communications user terminal (*4), as the three companies develop a communications system supporting multi-orbit operations across GEO, MEO and LEO satellites and validate improvements in communications network resilience.

Through this demonstration, the three companies will strive to improve communications reliability under various conditions, including disasters and emergencies, and will contribute to maintaining critical social functions and ensuring safety and security.

- *1 Multiple types of satellite orbits in which artificial satellites operate, such as geostationary, medium, and low Earth orbits.
- *2 The ability to maintain function and ensure stable use by providing alternative means or rapid recovery in the event of unexpected incidents.
- *3 Abbreviations for Geostationary Orbit, Medium Earth Orbit, and Low Earth Orbit.
- *4 A terminal integrating components such as a satellite communication antenna and modem functions.

■ Outline of the Announcement Awarded to JRC

Ordering Party	Project Title	Project Details	Implementation Period	The successful bidder and cooperating companies
Ministry of Defense	Development and Demonstration of Resiliency Technology for Multi-Orbit Communication Systems	<ul style="list-style-type: none"> • Development and ground demonstration of a communication system compatible with multi-orbit and equipped with seamless switching functionality across communication links • Verification of the resiliency of communication infrastructure utilizing multi-orbit satellite communication 	Until March 31, 2028	Japan Radio Co., Ltd. SKY Perfect JSAT Corporation Sharp Corporation

■ Company Profiles

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