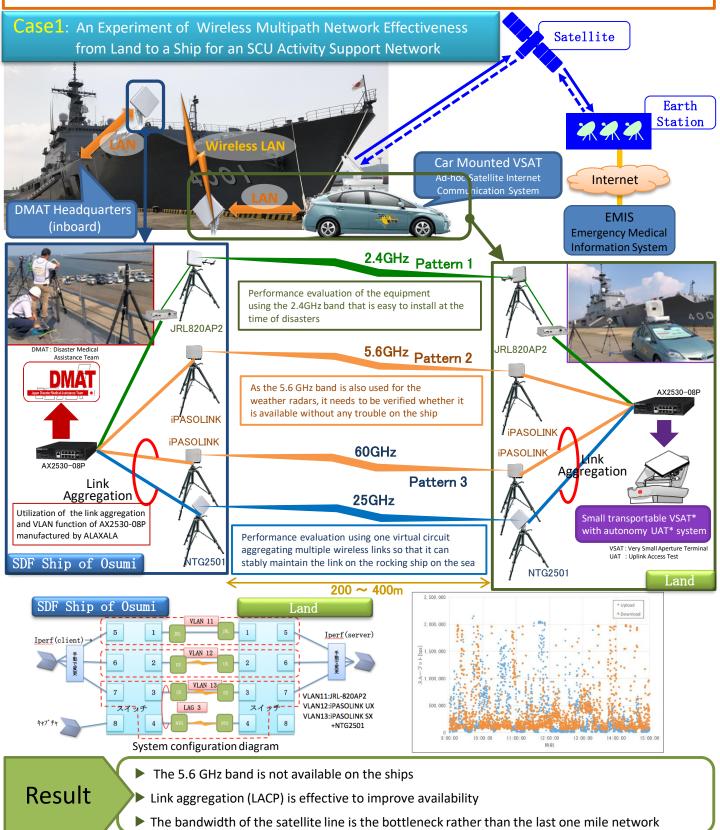


Last One Mile Connectity at the Time of Disaster

Abstract

Satellite network system is a promising solution that can provide the Internet access to disaster areas. However, it is impossible to deploy the ground stations to all disaster areas in terms of cost and the technical limitations. Therefore, extending the limited Internet connections to the disaster areas is an effective way to expand the network connectivity.

For the purpose, we have performed two experiments. One is an experiment using a satellite circuit and a wireless multipath network for DMAT (Disaster Medical Assistance Team) in medical disaster prevention drills conducted in Wakayama on July 29, and the other is an experiment of wireless relay using drone.



Case2: An Experiment of a **Drone** Wireless Network Effectiveness from Land to a Ship for an Staging Care Unit(SCU) Activity Support Network at the Time of Disaster

