SKY Perfect JSAT Holdings Inc.

News Release

-The maritime broadband service "OceanBB" to be offered to over 100 container vessels of Nippon Yusen-
Regarding the adoption of "OceanBB" in "NYK SATCOM Project"

SKY Perfect JSAT Holdings Inc. (Head Office: Minato-ku, Tokyo; Representative Director, President: Shinji Takada) is pleased to announce that SKY Perfect JSAT Corporation (Head Office: Minato-ku, Tokyo; Representative Director, President & Chief Executive Officer; Shinji Takada), a 100% owned subsidiary of SKY Perfect JSAT Holdings Inc., today released attached news release regarding the adoption of "OceanBB" in "NYK SATCOM Project".

SKY Perfect JSAT Corporation
News Release

-The maritime broadband service "OceanBB" to be offered to over 100 container vessels of Nippon Yusen-
Regarding the adoption of "OceanBB" in "NYK SATCOM Project"

SKY Perfect JSAT Corporation (Head Office: Minato-ku, Tokyo; Representative Director, President& Chief Executive Officer: Shinji Takada; hereinafter referred to as "SKY Perfect JSAT") is scheduled to offer OceanBB, which is the high-speed flat-rate Internet access service for ships, to over 100 vessels, including container vessels, car carriers, bulkers, tankers, and LNG carriers of Nippon Yusen, as OceanBB has been adopted for the project for installing a maritime broadband system in container vessels, etc. titled "NYK SATCOM Project" of Nippon Yusen Kabushiki Kaisha (headquartered in Chiyoda-ku, Tokyo; President: Yasumi Kudo; hereinafter referred to as "Nippon Yusen") and Furuno Electric Co., Ltd. (headquartered in Nishinomiya-shi, Hyogo Prefecture; President: Yukio Furuno; hereinafter referred to as "Furuno Electric").

SKY Perfect JSAT Corporation has offered OceanBB for the maritime broadband demonstration experiment at several vessels, which was started by Nippon Yusen in October 2010, and it was concluded after some tests on vessels that it is effective to install maritime broadband systems for the safe operation of vessels and the information transmission between vessels and land. Then, they decided to adopt OceanBB in NYK SATCOM Project.

In "IBIS PROJECT (INNOVATIVE BUNKER & IDLE-TIME SAVING)," which is the optimal economic vessel operation project for container vessels of Nippon Yusen, it becomes possible to "obtain the detailed information on weather and ocean current prediction," "improve the automatic transmission of operation data and the onshore monitoring of operation," and "streamline the information sharing and communication between onshore staff and vessels" by actualizing real-time high-capacity communication between vessels and land staff. In addition, it is possible to get necessary large data for CO2 reduction, and crew members can communicate with their family members via the Internet. These features improve welfare, and so the usefulness of OceanBB has been highly evaluated.

The OceanBB service is the maritime broadband service for achieving high-speed Internet access with a transmission rate of up to 1 Mbps at a fixed charge, which not only changes the maritime communication environment that has been low-speed and pay-as-you-go but also covers the major sea areas in the world based on the roaming with the service of KVH in the U.S.

The needs for the transmission of large-volume data are growing also in the vessel communication field, and it is becoming common that foreign commercial vessels are mounted with broadband systems.

The adoption of OceanBB in NYK SATCOM Project indicates the trend of the standardization of broadband systems in Asian commercial vessels, including Japanese ones. It is expected that Japanese and other Asian commercial vessels will be mounted with broadband systems for optimal economic operation management and crew welfare.

SKY Perfect JSAT will provide ships around the world with the comfortable broadband communication environment and contribute to the reliability and safety of international maritime transport, which is becoming more important.
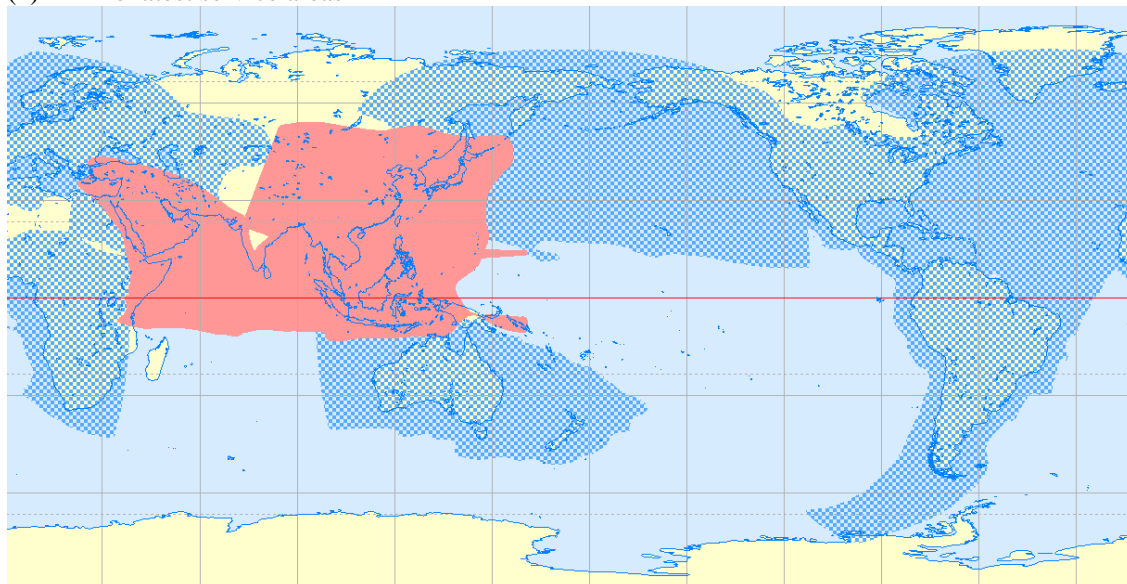
(Reference material)
(1) Ocean BB Logo, (2) The latest service areas, (3) Schematic diagram of the service, (4) Photo of the container vessel of Nippon Yusen: NYK VIRGO, (5) Photo of the car carrier of Nippon Yusen: ANTARES LEADER
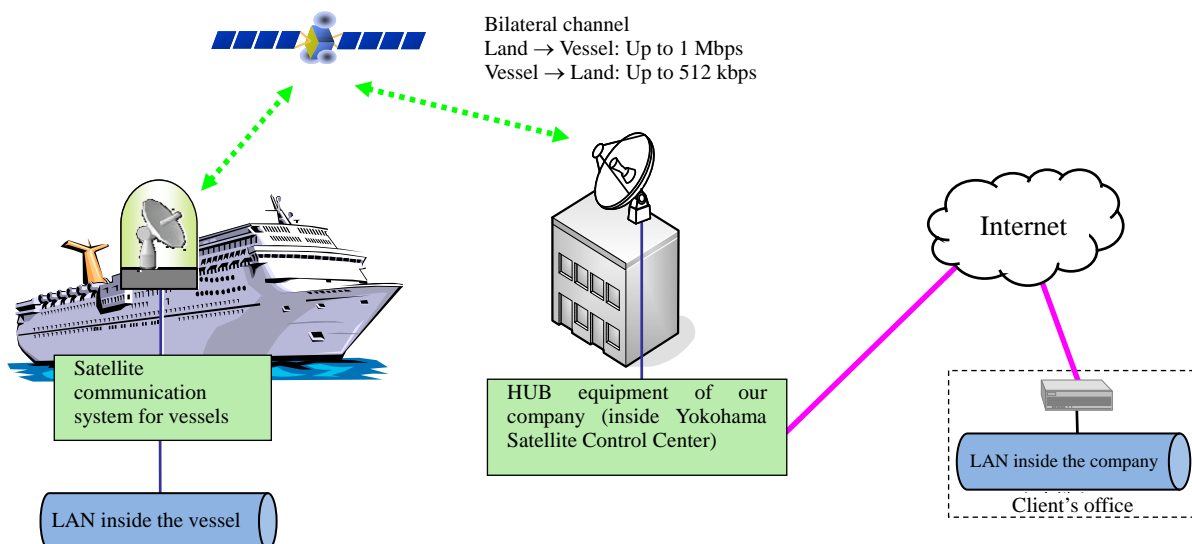
References

(1)   OceanBB Logo

海洋ブロードバンドサービス

OceanBB

オーシャンビービー

(2)   The latest service areas

Service area of SKY Perfect JSAT

Service area of the affiliated company (KVH)

(3) Schematic diagram of the service

Bilateral channel
Land → Vessel: Up to 1 Mbps
Vessel → Land: Up to 512 kbps

Satellite communication system for vessels

LAN inside the vessel

HUB equipment of our company (inside Yokohama Satellite Control Center)

Internet

LAN inside the company

Client's office

(4)   Photo of the container vessel of Nippon Yusen: NYK VIRGO

(5)   Photo of the car carrier of Nippon Yusen: ANTARES LEADER