



July 27, 2011

SKY Perfect JSAT Holdings Inc.

Notice of the Full-scale Adoption of Flat-rate High-speed Internet Access Service for Vessels  
“Ocean BB” in “Merchant Vessels”

- After the demonstration experiment with the liquefied natural gas (LNG) carrier “Energy Navigator,”  
the cutting-edge communication equipment is installed in three vessels -

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 Full-scale Adoption of Flat-rate High-speed Internet Access Service for Vessels “Ocean BB” in “Merchant Vessels”.



SKY Perfect JSAT  
Group  
July 27, 2011

SKY Perfect JSAT Corporation

## Notice of the Full-scale Adoption of Flat-rate High-speed Internet Access Service for Vessels “Ocean BB” in “Merchant Vessels”

- After the demonstration experiment with the liquefied natural gas (LNG) carrier “Energy Navigator,” the cutting-edge communication equipment is installed in three vessels -

SKY Perfect JSAT Corporation (Head Office: Minato-ku, Tokyo; Representative Director, President & Chief Executive Officer: Shinji Takada; hereinafter referred to as “SKY Perfect JSAT”) will offer the flat-rate high-speed Internet access service for vessels “Ocean BB” to three LNG carriers, including “Energy Navigator”<sup>\*1</sup> managed by MOL LNG Transport Co., Ltd. (hereinafter referred to as “MOL LNG”), which is a 100% subsidiary of Mitsui O.S.K. Lines, Ltd. (Head Office: Minato-ku, Tokyo; Representative Director President: Koichi Muto; hereinafter referred to as “MOL”), from July 2011.

Since July 2008, SKY Perfect JSAT, MOL, and MOL LNG have conducted the maritime broadband demonstration experiment on Energy Navigator, and since May 2011, they have carried out the demonstration experiment on the other LNG carriers managed by MOL LNG, with the antenna equipment of Japan Radio Co., Ltd., which is a sales partner of Ocean BB.

The evaluations after these experiments are as follows, and the usefulness of Ocean BB has been confirmed. Then, its full-scale installation has been determined.

- It is possible to send and receive emails without worrying about capacity and frequency.
- It is easy to check the latest information on weather and marine conditions. This is useful for keeping safe operation in heavy weather.
- It is possible to obtain the latest information on tide and ocean currents. This is helpful for choosing the optimal route.
- The on-board living condition of crew can be improved.

Ocean BB is the flat-rate broadband service with a transmission rate of up to 1 Mbps, which started to be offered to “passenger vessels” in April 2010. This drastically changed the maritime Internet environment from conventional low-speed pay-as-you-go services. In addition, with the roaming with the services of KVH in the U.S., we can offer services in major sea areas around the world. This time, we are announcing the use of Ocean BB in “merchant vessels” for the first time.

As the demand for the mobile broadband environment is expected to grow around the world, SKY Perfect JSAT emphasizes the expansion of the mobile communication service for vessels and airlines, etc. in the medium-term business plan, which was released in May 2011. We will provide the vessels sailing around the world with a comfortable communication environment with Ocean BB, and contribute to the security and safety of international marine transportation, which is becoming more important.

\*1: Vessel jointly owned by MOL and Tokyo LNG Tanker Co., Ltd. (Head Office: Minato-ku, Tokyo; Director / President: Kazumasa Hidai), which is a 100% subsidiary of Tokyo Gas Co., Ltd.

(References)

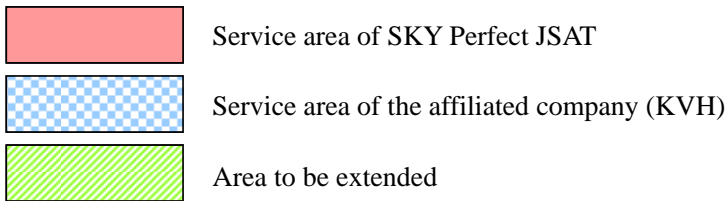
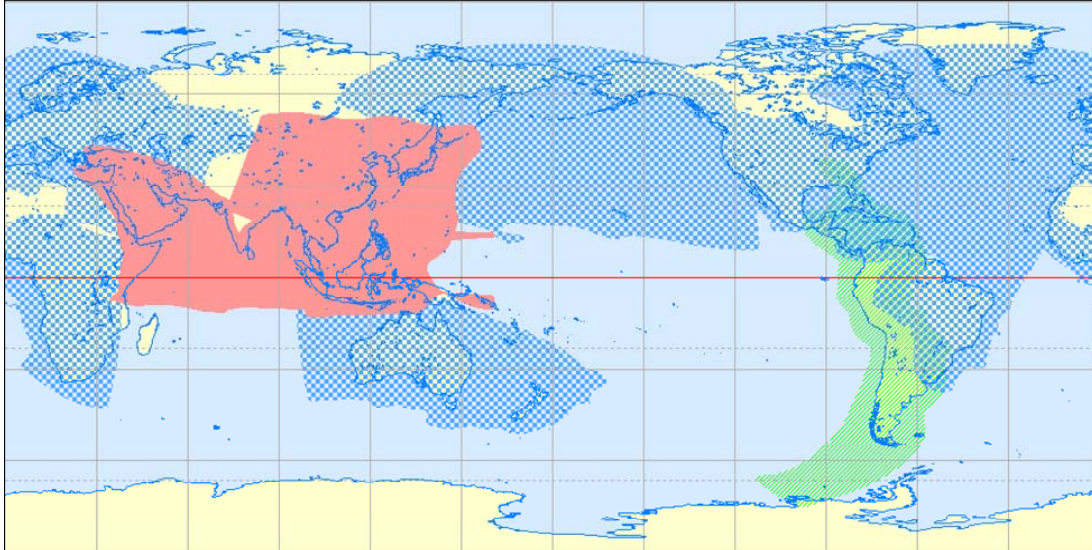
(1) Ocean BB Logo, (2) The latest service areas, (3) Schematic diagram of the service, (4) Appearance of Energy Navigator, (5) Photo of the installed antenna on Energy Navigator, (6) Application cases

## References

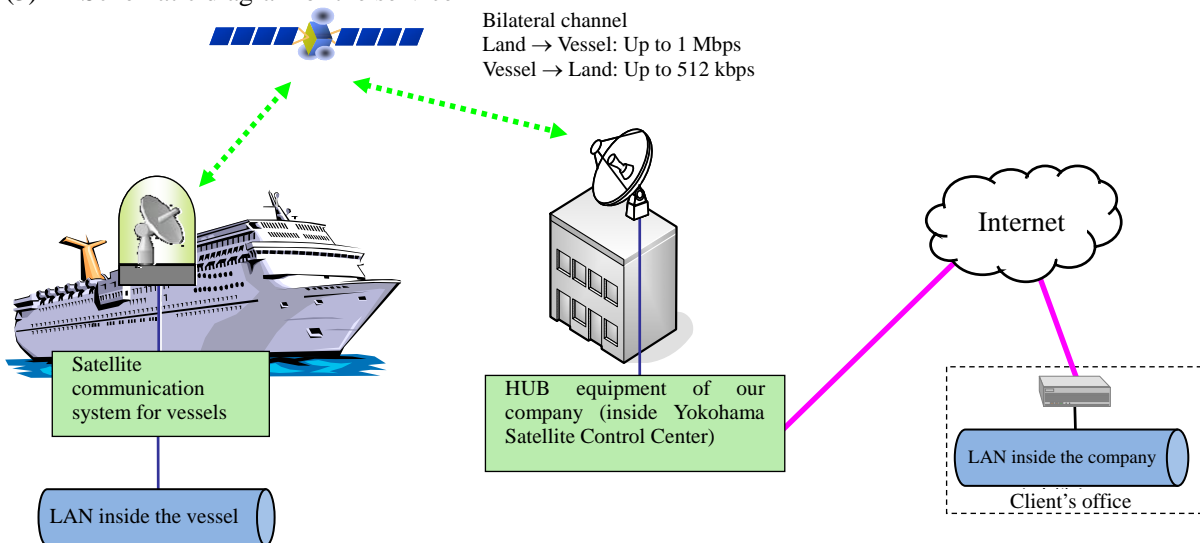
- (1) OceanBB Logo  
海洋ブロードバンドサービス



- (2) The latest service areas



- (3) Schematic diagram of the service



(4) Appearance of Energy Navigator



(5) Photo of the installed antenna on Energy Navigator



(6) Application cases

[Welfare]

The crew on vessels can communicate with their family members and friends on land by email and VoIP, etc. This motivates crew and improves welfare.

[Remote office]

By developing the Virtual Private Network (VPN) with the head office on land, it is possible to achieve the on-board working environment comparable to the head office.

[Streamlining]

The clerical work on vessels is streamlined by utilizing Internet-based applications.

[Energy-saving sailing]

It is possible to optimize route calculation based on the latest information on weather, tide, and ocean currents. We promote the energy-saving sailing, which would reduce fuel consumption.