

# Toei Reefer Line

Leveraging NexusWave  
bonded connectivity to  
elevate crew welfare  
and business operations

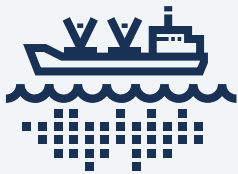


## CASE STUDY

### Toei Reefer Line



## Challenge



A fleet of sophisticated factory vessels



Sashimi-grade tuna to Japanese consumer market



Surge in crew- and business-related data demand

In recognising that a happy and motivated workforce is critical to its success, Toei Reefer Line places great emphasis on crew welfare. As a leading supplier of sashimi-grade tuna to the Japanese consumer market, Toei Reefer Line operates a small fleet of sophisticated factory vessels, each equipped to process, prepare, and store high-value cargoes at temperatures as low as  $-55^{\circ}\text{C}$ . Loading and operating these complex ships requires specially trained personnel whose expertise also helps to maintain a quality of product that is consistent with customer expectations.

With its vessels spending months at a time at sea, often in remote locations, the Tokyo-based company is committed to providing consistent internet access to ensure its staff are entertained and can stay in touch with family and friends for the duration of their time on board.

In addition, Toei Reefer Line has also been experiencing a surge in business-related data consumption due to a growing need for connected applications and real-time monitoring on board its vessels.

Against this background, the operator increasingly depends on resilient high-speed connectivity. In March 2025, Inmarsat Maritime, a Viasat company, announced an agreement between the two parties that will see Inmarsat's fully managed bonded connectivity solution, NexusWave, installed on board Toei Reefer Line's fleet.

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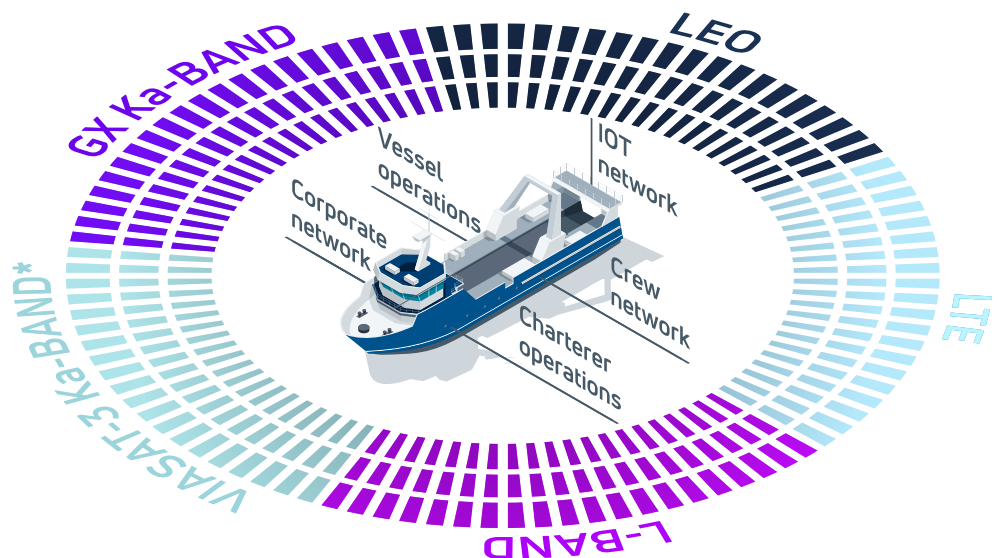


## Solution

To meet its evolving reliance on fast and reliable connectivity, Toei Reefer Line is now implementing Inmarsat's NexusWave onboard its vessels.

With NexusWave installations now complete on two of the four vessels, Toei Reefer Line is already reaping the benefits of the high-speed connectivity. According to a crew member Abu Bakar Nompo, the high speeds and unlimited data provided by NexusWave have made a significant difference to life and work on board the vessel: *"We can communicate with our family and enjoy entertainment anytime, anywhere – and refresh our mind, especially during long voyages."*

"We can communicate with our family and enjoy entertainment anytime, anywhere – and refresh our mind, especially during long voyages"  
**Abu Bakar Nompo**  
Crew member



By seamlessly integrating Global Xpress (GX) Ka-band, LEO, coastal LTE, and L-band services, Inmarsat's NexusWave delivers reliable, high-speed Internet with unlimited data and global coverage. The bonded connectivity solution allows the company to monitor onboard temperature sensors in real time, deploy cloud-based applications for ship management, and seamlessly access vessel networks from shore. In addition, their crew can access unlimited high-speed internet access.

## CASE STUDY

Toei Reefer Line



# Bonded networks for unparalleled performance

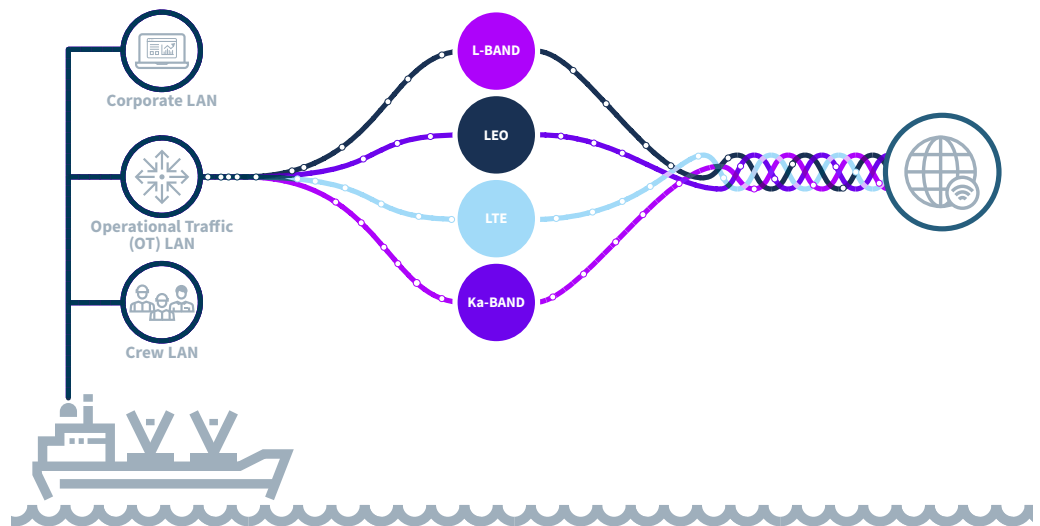


Up to 340Mbps download and 80Mbps upload speeds during real-world tests



**99.9%**

Average network availability



Bonded network – ‘always-on’ connectivity

NexusWave combines multiple network underlays in one bonded connection, enabling applications to leverage the aggregate capacity and speed of all available networks rather than relying on one network at a time.

Recent real-world tests have shown this unique network-bonding approach to yield download speeds of up to 340 megabits per second, and upload speeds of up to 80 Mbps. Average network availability, meanwhile, exceeds 99.9%.



## CASE STUDY

### Toei Reefer Line

"It has been a long-held desire of our company and seafarers to implement fixed rate, high-speed communications at sea"

**Shinobu Iijima,**  
Toei Reefer Line  
IT Director

## Feedback

Toei Reefer Line IT Director, Mr Shinobu Iijima, reports that NexusWave is ensuring consistent high-speed performance on their sailing routes.



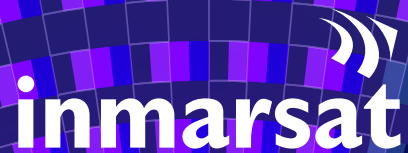
*"It has been a long-held desire of our company and seafarers to implement fixed rate, high-speed communications at sea. It is necessary to use the same server equipment as on land and to have good communication with the seafarers. Reports of equipment malfunctions and other problems can also be captured on video to provide more detailed information to the head office and the manufacturer, thus reducing the time required for repairs. High-speed communication will become an indispensable part of the ship's infrastructure in the future."* said Mr Iijima.

Yoshihiro Tabata, Manager at Inmarsat Maritime, commented: *"We are delighted with the positive feedback we have received from Toei Reefer Line management and crew alike. The company's exemplary use of NexusWave on board its factory vessels demonstrates the power of bonded connectivity to elevate crew welfare and business operations to new standards in line with evolving connectivity, digitalisation and crew welfare requirements."*

Further information

Get in touch with us:

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# NexusWave

## Fully managed bonded connectivity service

Multi-orbit, multi-band network



Globally  
reliable  
Ka-band



Low-latency  
high speed  
LEO



Coastal  
LTE



Resilient  
L-band

One monthly fee • Unlimited data • Hardware and future upgrades to high-speed ViaSat-3 network included • Care Programme • Market-leading guaranteed speed • Global coverage • Enterprise-grade security

Fast. Global. Secure. Reliable.  
[inmarsat.com/nexuswave](https://inmarsat.com/nexuswave)

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