



maritime



## CONNECTIVITY AND 4G LTE COVERAGE FOR MARITIME OPERATIONS

### Constantly Expanding

We are proud of our communication network of fibre cables, radio links and 4G, providing so many with high-capacity, resilient and low-latency connectivity. But we are always looking to improve. Our goal is to always be the preferred offshore network provider, and we are constantly expanding our infrastructure and improving our capacity.

TAMPNET.COM

digital services



wind energy



maritime



oil & gas



carrier



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maritime



*Raising  
the Standard*

### WE ENABLE

#### THE CONNECTED WORKER

- Crew with wireless devices will have real-time access to data.
- Optimize planning and execution of day-to-day operations.
- Collaborate across installations.
- Easily coordinate with control room operators, onshore experts and fellow workers.

#### ROVS AND SUBSEA OPERATIONS

- Our 4G LTE coverage enables maritime operations – even subsea.
- More effective subsea inspections, maintenance and repairs (IMR).
- Crystal clear HD live streams to control rooms and vessels.
- Advanced decision-making in real-time.

#### SEISMIC OIL & GAS EXPLORATION

- 85 % of well problems can be traced back to poor subsurface modelling and associated well planning.
- Tampnet's 4G LTE enables improved seismic acquisition, processing and advanced high definition imaging and modelling.
- Multilayered deep-earth panorama of seismic and well data.
- Cut review times from days to hours.

#### MAINTANANCE AND MONITORING

- Dynamic positioning systems designed to minimize fuel consumption and wear and tear on the propulsion equipment.
- Remote access and systems where technicians and engineers are able to monitor a vessel's critical onboard systems anywhere in the world and assist remotely with resolving issues.

#### CREW WELFARE

- Your staff will be able to stay in touch with family and loved ones while at sea.
- 4G LTE is a must for FaceTime, video-conferencing and other mobile services.
- We make your vessel a great place to work.

“Suddenly we could not only have high quality video conferences between our vessels and onshore office, we could also do live streaming of ROV operations in our meetings with Aker BP and both viewing operations in real-time and making decisions real-time.”

Terje Nordeide,  
Project Manager DeepOcean.

## Wireless Connectivity

[4G – LoS]

**4G LTE:** In order to extend the reach of our services to include rigs and vessels in motion, we have introduced an offshore 4G network. This service gives mobile and rotating rigs and vessels reliable communications links, even in rough weather. A much faster and more dependable alternative to satellites.

**Line of sight:** Fibre cabling may be complicated and costly in certain areas. In these cases, the use of point-to-point radio link connection is a well proven technology – robust, high capacity and with low latency. Tampnet has connected a large number of fixed offshore platforms via radio link. We offer fully managed connectivity through approximately 50 radio link hops, several of which are part of our core network.

THE NORTH SEA

**FIBRE OPTIC NETWORK  
AND 4G LTE COVERAGE**

GULF OF MEXICO

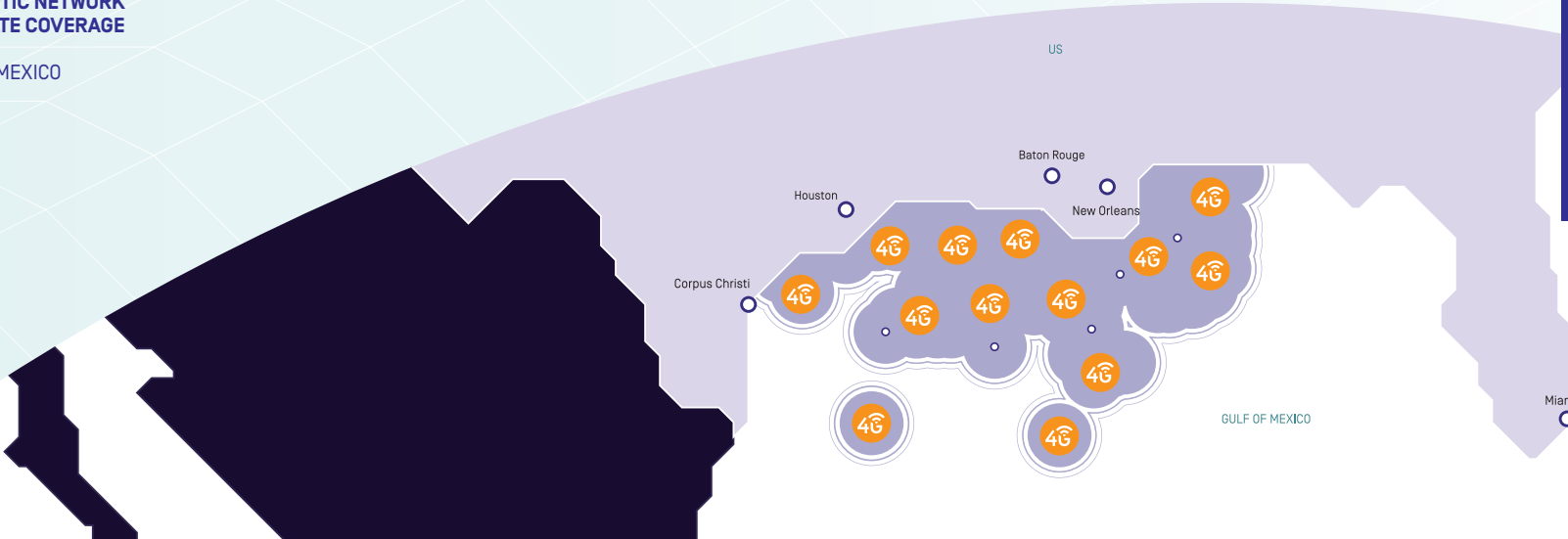
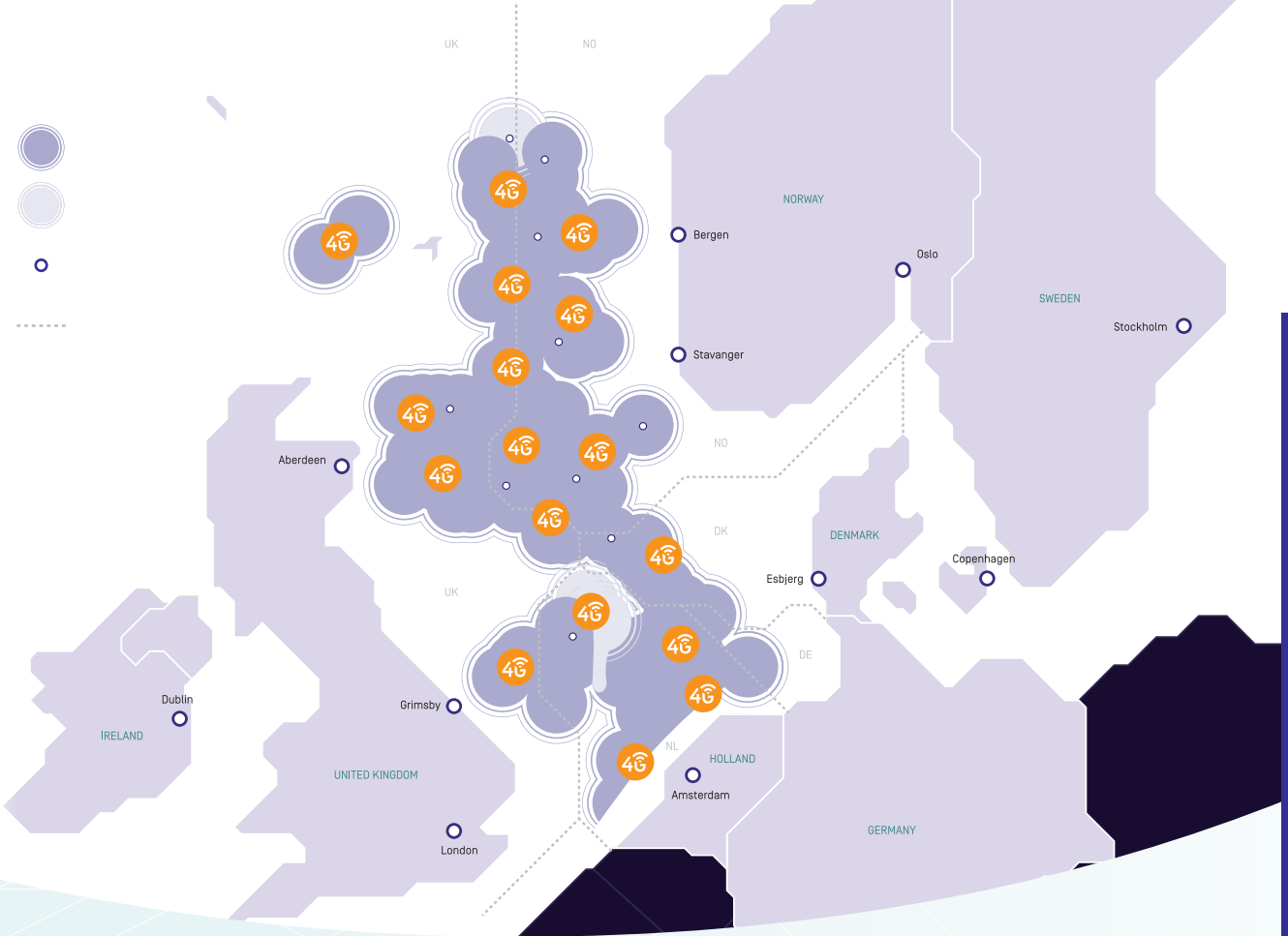
**LEGEND**

Current 4G, NB- IoT, CAT M1 coverage

Future 4G, NB- IoT, CAT M1 coverage

Offshore Assets

Sector Border



## SERVICES

### MARINE COVERAGE

Ships and vessels can make use of our offshore coverage area reaching far out from the offshore installations. High capacity and low latency 4G or NB-IoT – also for fleet sharing.

### DIGITAL SERVICES

We enable your connected workers to use their smartphones, tablets and wearables. We enable monitoring with sensors and get your data to the cloud. We offer security services that protect you from digital threats and cyber-attacks.

### MOBILE DATA & VOICE

You can roam on our offshore network. Data streaming, text and talk. Work or leisure. Easy to get started with Tampnet eSim.

### PARTNERS

Please go to [TAMPNET.COM/PARTNERS](https://tampnet.com/partners) to find a reseller or roaming partner near you.

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