

# **Nouakchott s first offshore 5G base station**





## Overview

---

Can 5G be used offshore in Ningde?

It estimates that in offshore areas in Ningde, 100 5G cell sites could support capacity of 485 Gbps, compared with the 50 Gbps from satellite infrastructure. The new 5G network also offers much better offshore coverage than would be possible with 4G, according to China Mobile.

What is 5G marine network & how does it work?

In Ningde, China Mobile and Huawei have built a showcase 5G marine network to provide coverage up to 50 km offshore. The network employs tall radio masts transmitting over a mixture of frequency bands, supplemented by network technologies and techniques designed to optimise coverage at sea.

Can 5G be a model for other maritime networks?

The showcase 5G network in Ningde is serving as a template for other maritime networks to meet the growing demand for connectivity at sea. Similar solutions have since been implemented in eight coastal provinces and cities in China. In China alone, there are about five million coastal fishermen engaged in aquaculture and fishing.

How can 5G help the fishing industry?

Specialist 5G networks can provide this enormous industry with the connectivity it needs, while also helping to regulate recreational fishing. In the energy sector, 5G could be used to bring connectivity to China's 14,000 offshore wind turbines, which are on average 22 km offshore.



## Nouakchott s first offshore 5G base station

---



### [Nokia and Tampnet partner to expand 5G offshore](#)

Dec 2, 2025 · This includes deploying Nokia 5G technology across Tampnet's entire footprint of 120 active base stations, as well as extending coverage to 350-400 platforms, rigs, floating ...

### **Nokia and Tampnet Bring Private 5G to the Gulf of Mexico's Offshore**

3 days ago · The partnership will deploy Nokia 5G AirScale radio equipment across Tampnet's existing footprint of 120 active base stations and extend coverage to between 350 and 400 ...



### [Withings: Nokia and Tampnet partner to expand 5G offshore ...](#)

Dec 2, 2025 · Press Release Nokia and Tampnet partner to expand 5G offshore connectivity in the Gulf of Mexico Nokia and Tampnet are unlocking new capabilities for offshore industries, ...

### [Nokia Wins Major 5G Deal as Tampnet Modernizes Gulf of ...](#)

Dec 3, 2025 · o Nokia 5G AirScale deployed across 120 Gulf base stations o Coverage extends to 350-400 platforms, rigs, FPSOs, wind assets, and vessels o Builds on Tampnet's first ...

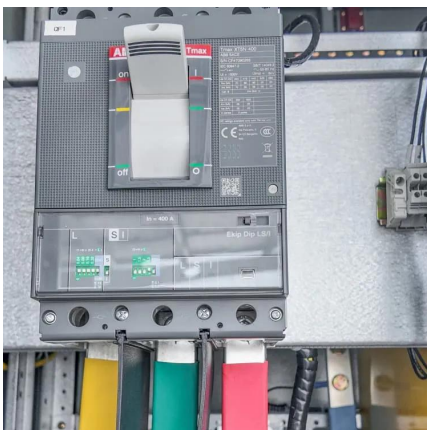
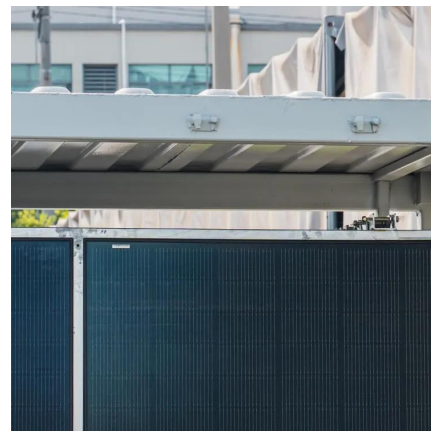


[Nokia, Tampnet to expand 5G offshore connectivity across ...](#)

Dec 3, 2025 · The partnership will introduce Nokia 5G AirScale radio systems across Tampnet's network of 120 active offshore base stations, with plans to extend coverage to as many as ...

[Nokia confirms Tampnet 5G radio deal](#)

Dec 3, 2025 · Nokia confirmed its Tampnet 5G deal, which we first reported in August Tampnet has operations in the North Sea and the Gulf of Mexico , After Fierce first reported on this deal ...



[Nokia, Tampnet Partner to Expand 5G Offshore Networks in ...](#)

5 days ago · The initiative will upgrade Tampnet's network of roughly 120 active offshore base stations with Nokia's 5G AirScale equipment and extend coverage to as many as 400 offshore ...



### [Nokia and Tampnet partner to expand 5G offshore](#)

Dec 2, 2025 · Nokia's 5G AirScale Radio Access equipment will empower offshore industries to leverage advanced capabilities such as real-time remote monitoring, predictive maintenance, ...



## Contact Us

---

For catalog requests, pricing, or partnerships, please visit:  
<https://www.woodgoods.pl>

### Scan QR Code for More Information



<https://www.woodgoods.pl>