



---

## Fact Sheet: Pipelay Vessel Pioneering Spirit

---

Nord Stream 2 AG | Jul-18

### 1. The vessel

- > Largest pipelay vessel in the world.
- > Dynamically positioned, will be used for offshore construction of the Nord Stream 2 Pipelines
- > In service since 2016, built to install record-weight pipelines in all water depths, with an S-lay tension capacity of 2,000 tonnes
- > Vessel construction completed in 2014
- > Operated by Allseas

### 2. Set-up of the vessel

- > Pipelay equipment:
  - 5,000-tonne special purpose crane
  - 600-tonne special purpose crane
  - 3 x 50-tonne pipe transfer cranes
  - Double-joint factory, with 5 line-up stations and 2 stations for combined external/internal welding
  - Firing line with 6 (double joint) welding stations, 1 NDT station and 6 coating stations
- > Accommodation capacity: 571 persons

### 3. Pipelaying

- > Pipelaying can be conducted at a depth in excess of 4,000 metres
- > Pioneering Spirit has a pipe carrying capacity of 27,000 tonnes
- > Pipelaying equipment for pipe diameter between 2 and 68 inches
- > Project layrate of approximately 3 km/day

### 4. Technical details

- > Gross tonnage: 403,342 gt
- > Length: 382 metres
- > Length overall with stinger: 477 metres
- > Breadth: 124 metres
- > Operating draught: 10-27 m
- > Equipped with 12 x 6050 kW (peak) Rolls-Royce azimuth thrusters. Installed power 95,000 kW
- > Dynamic positioning: LR DP (AAA) fully redundant Kongsberg K-Pos 22/12 and cJoy system



## 5. Contacts

**Ulrich Lissek**

Spokesperson

Head of Communications and Governmental Relations

+41 79 874 31 58

[press@nord-stream2.com](mailto:press@nord-stream2.com)

**Jens D. Müller**

Spokesperson

Media Relations Manager

+41 41 418 3636

[press@nord-stream2.com](mailto:press@nord-stream2.com)

**Nord Stream 2 AG**

Baarerstrasse 52, 6300 Zug, Switzerland

[info@nord-stream2.com](mailto:info@nord-stream2.com)

T: +41 41 414 54 54

F: +41 41 414 54 55

**Moscow Branch**

ul. Znamenka, 7/3, 119019 Moscow, Russia

[info@nord-stream2.com](mailto:info@nord-stream2.com)

T: +7 495 229 65 85

F: +7 495 229 65 80

**St Petersburg Branch**

ul. Reshetnikova 14a, 196105 St Petersburg, Russia

[info@nord-stream2.com](mailto:info@nord-stream2.com)

T: +7 812 331 16 71

F: +7 812 331 16 70