



Fact Sheet: Pipelay Vessel Solitaire

Nord Stream 2 AG | Jul-18

1. The Vessel

- > Dynamically positioned pipelay vessel for precise manoeuvring without anchors
- > Operational since 1998
- > Operated by Allseas
- > Solitaire will perform the majority of the pipelaying work of the Nord Stream 2 Pipeline offshore
- > Installed the existing Nord Stream Pipelines in the Gulf of Finland

2. Set-up of the vessel

- > Pipelay equipment:
 - Special purpose crane of 850 t at 30 m
 - Two pipe transfer cranes of 35 t at 33 m
 - Pipelaying equipment for pipe diameter between 2 and 60 inches
 - Two x double-joint factories (each with three welding stations and one non-destructive testing (NDT) station, and a main firing line with five welding stations for double joints, one NDT station and four coating stations)
- > Accommodation capacity: 420 persons

3. Pipelaying

- > Pipelaying from 18 metres depth down to 2,775 metres
- > Pipe carrying capacity: 22,000 tonnes
- > Project layrate of approximately 3 km/day

4. Technical details

- > Length: 300 m
- > Length overall with stinger: 397 metres
- > Breadth: 41 metres
- > Operating draught: 9-10 metres
- > Equipped with 10 x 5550 kW (peak) Wärtsilä-Lips azimuth thrusters. Installed power 51,480 kW
- > Dynamic positioning: LR DP (AAA), fully redundant Kongsberg K-Pos 22/12 cJoy system



5. Contacts

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