

Equipment » Solitaire



Home

[Company](#) [Equipment](#) [Projects](#) [Careers](#) [News](#) [Multimedia](#) [Contact](#)

Solitaire, the largest pipelay vessel in the world

- » Pieter Schelte
- » **Solitaire**
- » Audacia
- » Lorelay
- » Tog Mor
- » Calamity Jane
- » Manta

Solitaire, the largest pipelay vessel in the world, has set new standards in the pipelay industry. Based on the same principles as *Lorelay*, her ship-shape provides excellent workability. She has a pipe carrying capacity of 22000 t, making her less dependent on offshore pipe supply in hostile areas. Precise manoeuvring on full dynamic positioning allows the vessel to

- **Length overall excluding stinger**
300 m (984 ft)
- **Transit speed**
13 knots
- **Accommodation**
420 men
- **Dynamic Positioning system**
NMD Class 3 / LR DP (AAA), type
Simrad Kongsberg 2x ADP702 & 1 X



work safely in congested areas. Her high cruising speed and lay speed make her very competitive worldwide.

The vessel has been operational since 1998 and has since steadily improved her performance. A lay speed of over 9 km a day has been achieved, operating the in-house developed *Phoenix* automatic welding system.

She has laid numerous deepwater pipelines and holds a deepwater pipelay record in 2775 m (9100'). Her S-lay capacity was increased in 2005 to a holding force of 1050 t, enabling her to lay the heaviest pipelines.

ADP701

► **Cranes**

Two pipe transfer cranes x 35 t (77 kips) at 33 m (108 ft), whip hoist 18 t (44 kips) at 42 m (139 ft); special purpose crane, main hoist 300 t (661 kips) at 17 m (56 ft), whip hoist 40 t (88 kips) at 57 m (187 ft)

► **Working stations**

Two double-jointing plants, five welding stations for double joints, one NDT station, four coating stations

► **Tensioner capacity**

3 x 350 t (772 kips) at 30 m/min (100 ft/min)

► **Pipe diameters**

From 2" to 60" O.D.

[search](#) | [sitemap](#) | [disclaimer](#)