

Luanda Spoolbase



The spoolbase is located within the Sonils Oil Service Centre in the Port of Luanda, Angola. The base covers an area of 65,376m² and is 715m long including a 75m load-out jetty.

Key points:

- 75m long quay, minimum water depth 10m
- Single joint fabrication
- 17 station fabrication line, with intermediate tie-in station
- 300m pipe storage berms
- Facility upgraded in 2007 to support next generation of deepwater projects

Luanda Spoolbase,
Angola

Luanda Spoolbase

SPECIFICATION

Pipe Storage/Handling

Single joint storage method is on sand/gravel berms.

Single joint handling is performed by dedicated front loader with pipe handling forks.

Stalk pulling during production performed by D7 dozer or similar.

Stalk handling performed by 4 No. 360° Hi-Cab Material Handlers with a maximum load of 5.3t @ 19.5m radius, with roller boxes.

Stalk Rack Length: 600m.

Stalk Rack Width: 18m.

Firing Line

Fabrication line is in modular form with most stations developed from standard containers.

Single firing line with 17 work stations based on using single joints.

Bead stall/root station fitted with fully mechanised Selmers line-up facility.

Selmers powered roller pipe-in-waiting system installed to feed fabrication line.

Fabrication line produces 300m stalks, moved to intermediate racks and then 2 x 300m stalks tied in at an intermediate tie-in station to produce 600m stalks placed on the main stalk racks.

Intermediate Tie-in Station

Intermediate tie-in station utilised for tie-ins, cut-outs and weld or coating repairs.

Spooling Line

Spoolbase contained within 2m security fence. Facilities include offices and warehouse with VSAT communications, galley, changing rooms, workshops and first aid clinic.

To improve efficiency and cycle times, spooling shed consists of a discrete welding/AUT station and a separate field joint coating station.

Selmers alignment system installed in tie-in shed.

Last 3 rollers on spooling line (55m, 45m and 35m from vessel fleet) to suit vessel ramp position.

Vessel Berthing

Berthing jetty is straight with an offset gangway landing platform.

Seven Navica berths stern to the jetty and deploy ship's anchors from the bow. *Seven Oceans* mooring is a pre-installed, pretensioned 6 point anchor/chain/soft line mooring spread (4 bow lines, 2 stern lines) plus an additional 4 x stern soft lines to the jetty.

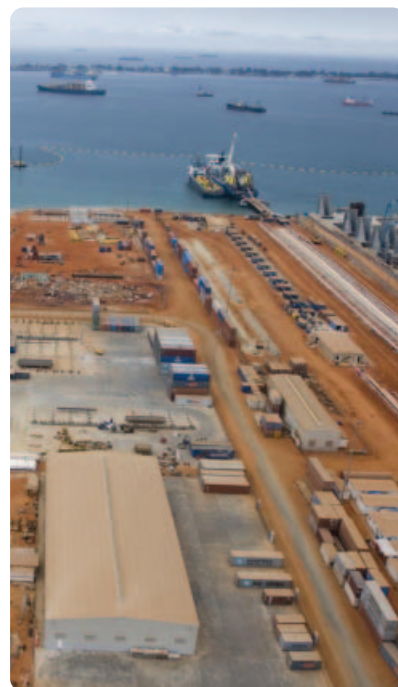
Height above water level of the last fleeting roller on spooling line is approximately 2.9m for *Seven Navica*, 5.8m for *Seven Oceans*.

Maximum tidal range is 2.3 m during spring tides.

Contact Details

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Aerial view of Luanda Site



Stalk rack, Luanda



Automatic welding