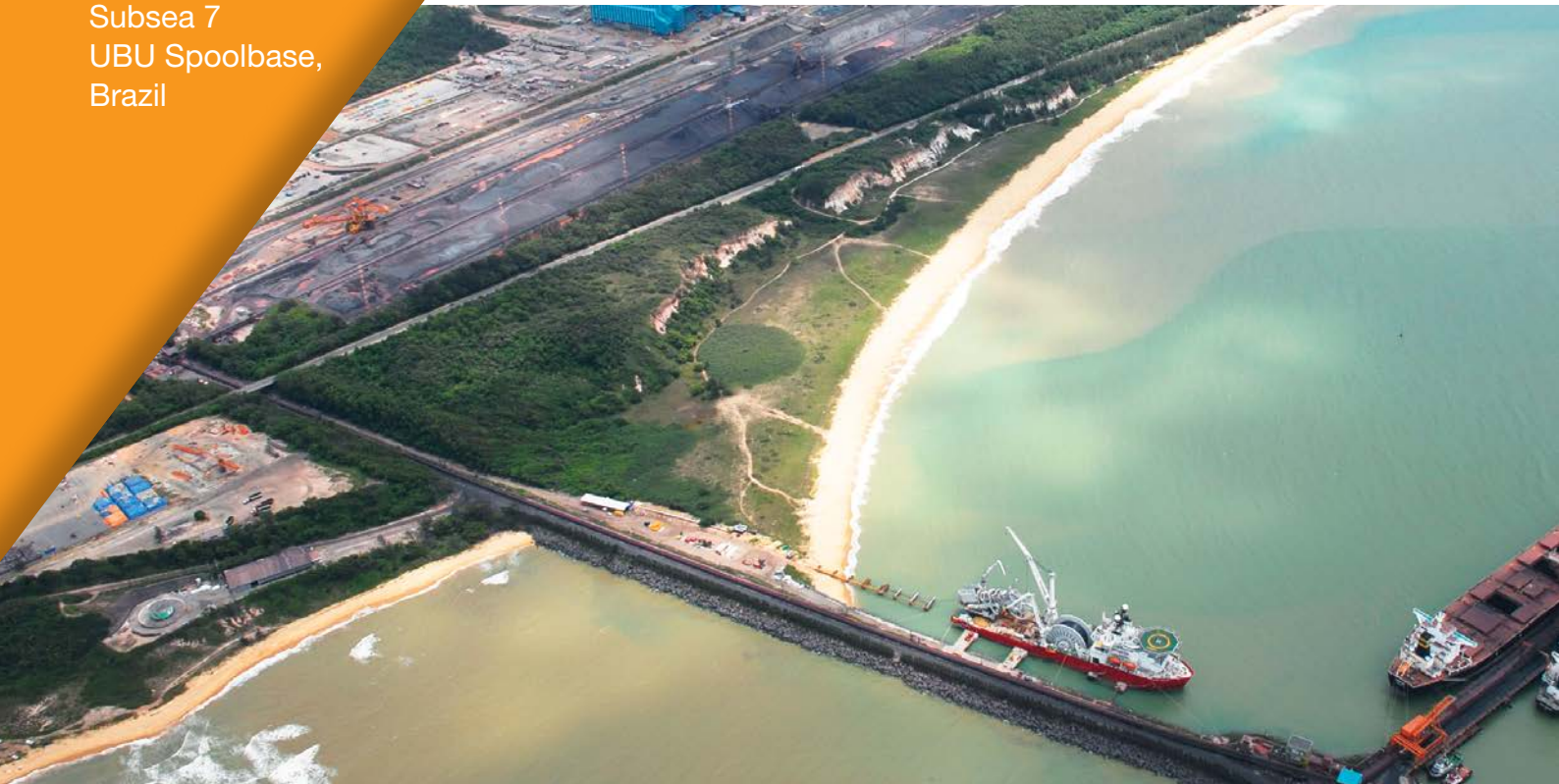


# Ubu Spoolbase

subsea 7

Subsea 7  
UBU Spoolbase,  
Brazil



Ubu Spoolbase is located in Espírito Santo, within the Samarco Iron ore processing plant, one hour flying time north of Rio de Janeiro, Brazil. The base runs 2,276m and covers an area of 74,000m<sup>2</sup>.

## Key points

- Quay side area 6,380m<sup>2</sup>
- Stalk rack area 996m - 998m
- Single joint fabrication
- Firing line 1 - 12 work stations
- Firing line 2 - 13 work stations
- Designed to service deepwater market.

## Pipe Storage/Handling

Single joint storage preferred method uses wooden spacers and wedged up to 6 high. Pipe storage area: 10.360m<sup>2</sup> (Main store area + 2 adjacent store areas). Pipe handling is performed by front loader type Caterpillar CAT 938 G, 8te with pipe clamp. Stalk pulling during production and stalk handling is performed by 2 no. Volvo EC-700 Excavators and 3 no. Liebherr 964 rated to 9 t @ 10m, using Roller Box. Stalk Rack Length: 996-998m. Stalk Rack Width: Main rack – 14,6m Side rack – 3,4m.

## Firing Line 1

Fabrication hall: FL-1=164m long, 6m width over the Welding area and 9m width over the Coating area. Single firing line with 12 work stations designed for single joints. Bead stall/root station fitted with Selmers high precision line-up table.

## Firing Line 2

Fabrication hall: FL-2=186m long, 6m width over the Welding area and 9m width over the Coating area.

Single firing line with 13 work stations designed only for single joints. Bead stall/root station fitted with Selmers high precision line-up table.

## Spooling Line

Spooling Line length (from end of racks to last roller): 2,255m. Weld tie-in shed (40.0m x 5.0m) positioned 1,208m from the last roller (1,252m from vessel). Selmers alignment system fitted in tie-in shed. Tie-in shed extended for SCR weld repairs and FJC using Extruder or PU, similar to the process used for the main production line. Field Joint Coating (FJC) tie-in shed is close to quay allowing simultaneous tie-ins of welding & FJC.

## Vessel Berthing

Vessels berth using 3 dolphins, 2 of which are connected to the road by 8m wide bridges. These 2 are set for 40 Te load each. Vessels are positioned 8m from last roller. Height above water level of the last fleeting roller is approximately 3m. Tidal variations are between 0.5m and 1.5m.

## Stalk-rack Storage Capacity

- 118 stalks, 95 at the main rack + 23 at the side rack (12", 50mm PP coating).

## Facilities at Quay Side

- Project Material Storage Area at Quay Side: 1,100 m<sup>2</sup> (in preparation for spooling).
- Causeway with Fleeting Rollers to absorb pipe movement avoiding to damage
- stalk coating.
- Shore Winch used to back tension stalk tail and to remove contingency pipe from the vessel.
- Pipe Clamp used to secure the pipe from any Vessel movement that may
- cause problems during the Tie-in weld.

## Contact Details

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Caption needed



Welding at Ubu Spoolbase



Aerial view of Ubu Spoolbase



Pipe stalks at Ubu Spoolbase