

Port Isabel Spoolbase



Subsea 7 North America
Spoolbase, Port Isabel, Texas

Spoolbase is located in Cameron County on the US/Mexico border of Texas. The base covers an area of 58 acres and 5,000ft in length (4,000ft stalk rack and 1,000ft fabrication building).

Key points:

- Deepwater access, short transit to open waters of Gulf of Mexico and many of the new deepwater fields
- Dedicated 490ft dock, with adjacent storage area
- 4,000ft long pipe stalk rack with capacity to hold approximately 18,000 tons of pipe
- 40,000 sq ft pipe fabrication building
- 24 station fabrication line
- Single/double joint firing line with capacity for second double joint fabrication line
- Equipped to fabricate pipe-in-pipe stalks
- On-site capability for PLET & Jumper fabrication
- Office building with onsite client office facilities
- Located directly on Intracoastal Waterway
- Excellent road access via interstate highways
- Total site area of 58 acres with scope for future expansion

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Pipe Storage/Handling

Production of pipe stalks to a maximum of 20" diameter (16" steel plus 4" insulation coating). Stalks can be spooled directly to reel lay vessels.

10 acre pipe yard with single, double and quad joint storage areas.

Fabrication of stalk lengths maximum 4,000ft (1,220m) at approximately 18,000 tons (18,000t), with scope for future expansion.

Fabrication of pipe-in-pipe stalks using on-line or off-line stuffing methods, with dedicated mid rack tie-in station for closure of half stalks.

On-site pipe receipt areas, pipe handling equipment and pipe storage areas are optimized for handling and storage of single and double joint pipe lengths.

Firing Line

Firing line configured to provide flexibility during pipe fabrication, including NDE methods, field joint coating methods and welding techniques (manual, semi-automatic and automatic).

A fully air conditioned 40,000 sq ft fabrication building which features 24 stations at 40ft intervals for welding, non destructive examination and field joint coating.

Space/Facilities for a secondary line optimized for double joint fabrication which will be comprised of 6 stations at 80ft intervals for welding, non-destructive examination and field joint coating; can be configured as a secondary fabrication line.

Primary line utilizes 50t hydraulic pipe pusher system to index pipe through fabrication process and onto stack storage racks.

Primary line equipped with front end semi-automated pipe feed and ready rack system, featuring pipe bevelling facilities and pipe-in waiting station to minimize front end operations and alignment durations.

Future capacity to fabricate 36" diameter pipe for tendon construction and J-lay.

Vessel Berthing

Dedicated dock to accommodate pipeline and project loadouts onto any pipelay vessel. Also supports pipe receipt and construction vessel mobilizations.

Configuration of 490ft long dock allows pipelay vessels to simultaneously reel pipe and load out project equipment, minimizing mobilization and demob durations.

Tidal variations negligible, less than 2ft. Sheltered water berth minimizes downtime due to inclement weather or swells.

Quay adjacent to Gulf Intracoastal Waterway, enabling direct access for delivery of equipment and materials.

Contact Details

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Stalk Rack



Aerial view of Port Isabel Spoolbase