



SUBSEA PIPELINE TECHNOLOGY

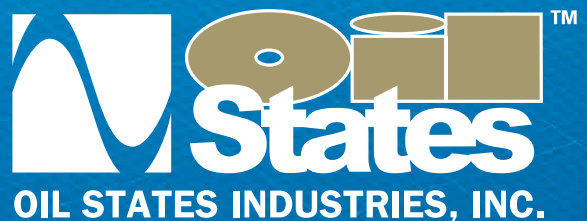
# Director Wye



## DIRECTOR Bi-Directional Piggable Wye

The Oil States - QCS **Director Wye** is a bi-directional, piggable Y-shaped fitting designed to facilitate the pigging and cleaning of lateral deep or shallow water subsea pipeline systems through one predetermined line. The Director Wye has the unique ability to accommodate reverse flow pigging.

The Director Wye accommodates bi-directional pigging using an internal diverter sleeve which rotates within the main line bore of the wye to direct the pig. The diverter sleeve is actuated from the exterior of the wye, which can be operated by ROV or diver. Actuating the internal diverter sleeve rotates the sleeve to close the port to the lateral line permitting bi-directional pigging in the main line. Conventional pigging can still be performed in the main line while the diverter sleeve is closed. The **Director Wye** permits conventional flow combining pigging operations when the diverter sleeve is in the open position.





## Key Benefits

- Available in symmetrical or asymmetrical designs to accommodate specific pipeline configurations.
- Utilizes a thirty-degree angle of entry to ensure a smooth transition for the pig without risk of hanging up.
- Manufactured from a single-body forging or casting to ensure consistency of materials and workmanship.
- Standard weld ends can be provided with additional configurations upon request.
- ANSI pressure Class 300 to 2500 and API 6A ratings 2000 to 10000.

## Applications

- Pipeline pigging operations – shallow and deepwater, ROV or diver assist

## Services

- Engineering design
- Machining and fabrication
- Blasting and coating
- Testing – FAT, SIT qualification
- Installation technical assistance

## About Oil States - QCS

A division of Oil States Industries, Inc., Houston-based Oil States - QCS designs, manufactures and markets proprietary deep and shallow water pipeline connectors for subsea pipeline construction, repair and expansion projects.



**Normal Operation for Combining Flow**



**Director Sleeve rotated Permitting Bi-directional Pigging in Mainline**

Also Available: Dual Director Bi-Direction Piggable Wye permits bi-directional pigging through both mainline and the lateral legs of the wye.



[www.oilstates.com](http://www.oilstates.com)

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