

THE DIRECTOR™

BI-DIRECTIONAL PIGGABLE WYE



“THE NEW DIRECTION IN PIGGABLE WYE TECHNOLOGY”



THE DIRECTOR™ (DWE)

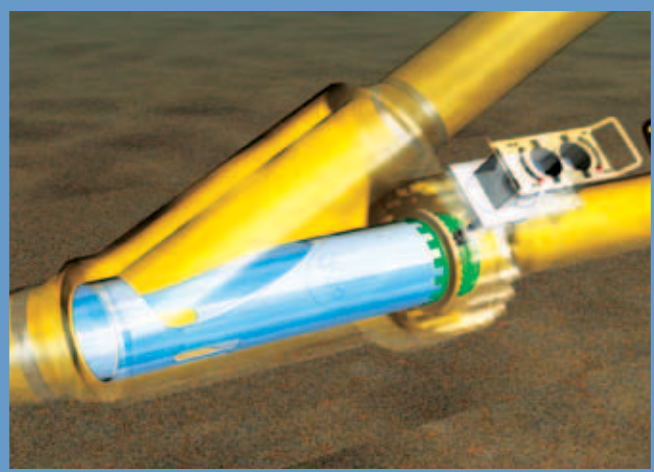
The QCS Director™ Bi-Directional Piggable Wye is a “Y”-shaped pipeline fitting designed to facilitate the pigging and cleaning of lateral deep or shallow water subsea pipeline systems through one predetermined leg. The Director™ Bi-Directional Piggable Wye has the unique ability to accommodate reverse flow pigging.

The Director™ accommodates bi-directional pigging through the wye 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 mainline while the diverter sleeve is closed. The Director™ Wye permits conventional flow combining pigging operations when the diverter sleeve is in the open position.

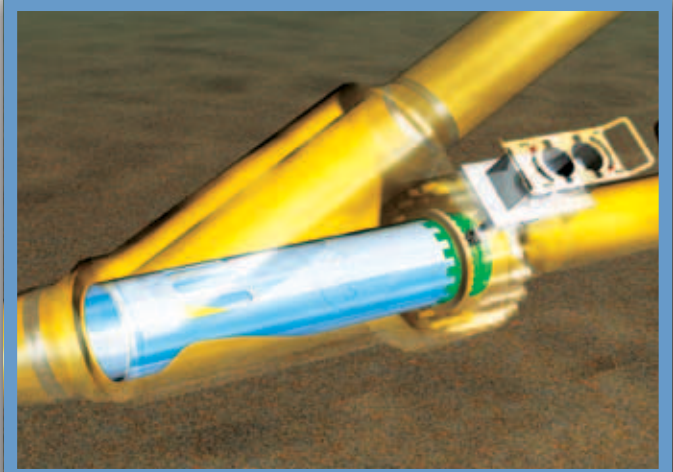
THE DIRECTOR™

BI-DIRECTIONAL PIGGABLE WYE

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.

DESIGN SPECIFICATIONS

QCS offers the Director™ Wye in two designs “Asymmetrical” and “Symmetrical” configuration with a thirty degree included angle of entry between the two inlets. The Wye body is manufactured from a single carbon-steel forging or casting. This design readily accepts all standard pipeline pigs, including cup and disc type models used for cleaning of the pipe’s internal bore. The Director™ Bi-Directional Wye is available in a standard weld end (WE x WE x WE) configuration. QCS can provide the fabrication services to weld customer provided pipe pups to the weld ends of the wye as an additional option upon the client’s request.

The Director™ Wye fitting is available for a wide array of specifications including, but not limited to the following:

- ANSI Pressure Classes 300 thru 2500
- API 6A Pressure Ratings 2000 thru 10000

