The marine drilling riser system connects the subsea BOP stack to the drilling vessel. It is a tubular conduit serving as an extension of the well bore from the seabed to a floating drilling rig. A tubular conduit serving as an extension of the well bore from the seabed to a floating drilling rig.

**Riser Joint**: A section of riser main tube having ends fitted with a box and pin and including choke, kill and (optional) auxiliary lines and their support brackets.

**Primary Functions of the marine riser system are to**:

1. Provide for fluid communication between the drilling vessel and the BOP Stack and the well.
2. Through the main bore during drilling operations;
3. Through the choke and kill lines when the BOP Stack is being used to control the well;
4. Through the auxiliary lines such as a hydraulic fluid supply and mud boost lines.
5. Guide tools into the well.
6. Serve as a running and retrieving string for the BOP stack.

**Equipment on the wellhead at the seafloor to a floating drilling rig**.

The marine drilling riser system connects the subsea BOP stack to the drilling vessel. It is a tubular conduit serving as an extension of the well bore from the seabed to a floating drilling rig.

Marine Drilling Riser: A tubular conduit serving as an extension of the well bore from the equipment on the wellhead at the seafloor to a floating drilling rig.

### Flange Type-H™

- **Tension Load**: 2,000,000 lb.
- **Flange Diameter(s)**: 90 ft, 75 ft
- **Wall Thickness**: 0.47", 0.44"
- **Foot Lengths**: 5, 10, 15, 20, 25, 30, 40, 50

### Flange Type-E™

- **Tension Load**: 2,000,000 lb.
- **Flange Diameter(s)**: 90 ft, 75 ft
- **Wall Thickness**: 0.47", 0.44"
- **Foot Lengths**: 5, 10, 15, 20, 25, 30, 40, 50

### Flange Type-G™

- **Tension Load**: 1,500,000 lb.
- **Flange Diameter(s)**: 90 ft, 75 ft
- **Wall Thickness**: 0.47", 0.44"
- **Foot Lengths**: 5, 10, 15, 20, 25, 30, 40, 50

### Flange Type-I™

- **Tension Load**: 1,500,000 lb.
- **Flange Diameter(s)**: 90 ft, 75 ft
- **Wall Thickness**: 0.47", 0.44"
- **Foot Lengths**: 5, 10, 15, 20, 25, 30, 40, 50