The marine drilling riser system connects the subsea BOP stack to the drilling vessel. It is a continuation of the wellbore from the seabed to the surface.

Marine Drilling Riser: A tubular conduit serving as an extension of the wellbore from the seafloor to a floating drilling rig.

Riser Joints: 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.

### Dog Type 2™
- **Flange Type-E™**
  - **Line Configurations:** 4 Line (Choke, Kill, Booster, 1x Hydraulic)
  - **Choke:** 15K and 31.25K / 5x4" (AISI 316 Stainless and Duplex SS)
  - **Booster:** 5K / 2.5" Sch80, 4.5"x4.5" (AISI 316 Stainless and Duplex SS)
  - **Hydraulic:** 5K / 2.5" Sch80 (Duplex SS)

### Flange Type-H™
- **Line Configurations:** 6 Line (Choke, Kill, Mud Return, Seawater, 2x Hydraulic)
  - **Choke/Kill:** 15K and 31.25K / 5x4" (AISI 316 Stainless and Duplex SS)
  - **Mud Return:** 10K / 3.5" Sch80 (AISI 316 Stainless and Duplex SS)
  - **Seawater:** 7.5K / 5"x4.5" (AISI 316 Stainless and Duplex SS)
  - **Hydraulics:** 5K / 2.5" Sch80 (Duplex SS)

### Primary Functions of the marine riser system are to:
1. **Provide fluid communication between the drilling vessel and the BOP Stack and the well:**
   - Through the main bore during drilling operations;
   - Through the choke and kill lines when the BOP Stack is being used to control the well;
   - Through the auxiliary lines such as a hydraulic fluid supply and mud boost lines.
2. **Guide tools into the well:**
3. **Serve as a running and retrieving string for the BOP stack:**

**For reference only, please contact your local sales contact for more information.**