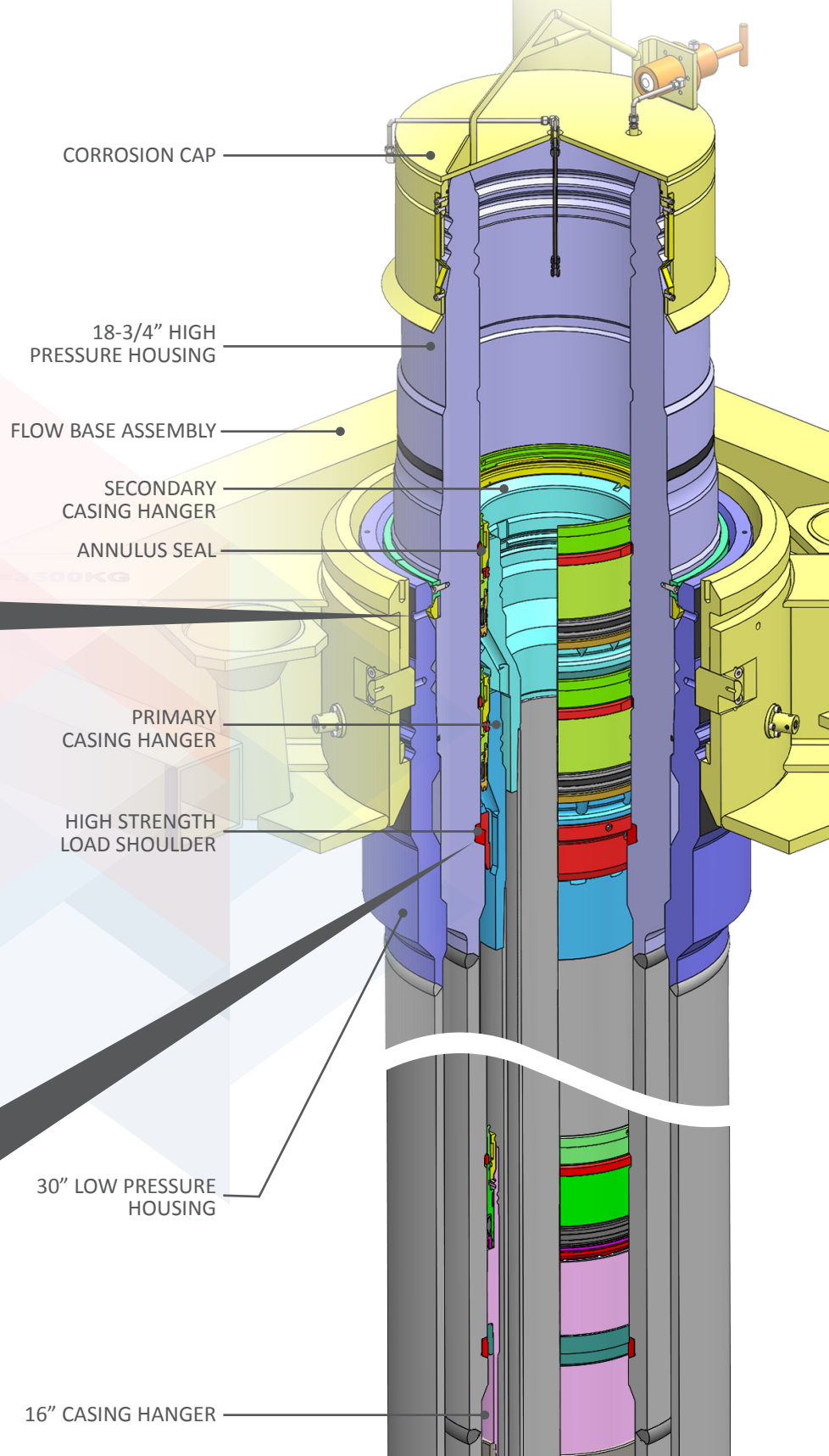
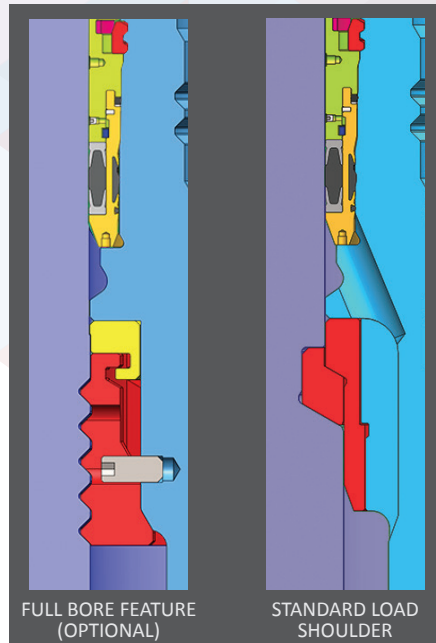
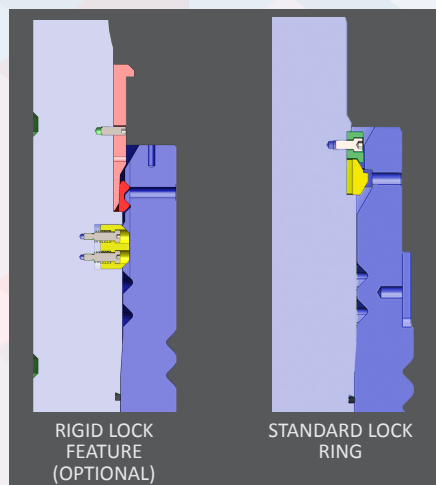


NS-15 WELLHEAD SYSTEM (Deepwater)

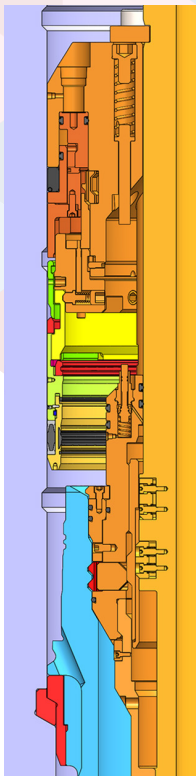
The NS-15 Subsea Wellhead System is a pressure containing vessel used for hang-off and seal the different casing strings in the drilling of subsea wells. It also provides the structural foundation for the connection of the Subsea Blowout Preventer stack as well as the attachment of the Subsea Tree.

- Rated to 15,000psi working pressure
- Water depth of 10,000 ft (3000m)
- High Pressure Housing has means to support and seal three hangers
- Upto 5.25M ft-lbs bending capacity
- Metal-Metal sealing annulus seal system
- Single annulus seal assembly design to fit all casing hangers
- Range of accessories and tool options
- Load capacity 6.1 million lbs



CASING HANGER AND ANNULUS SEAL SINGLE TRIP RUNNING TOOL (STRT)

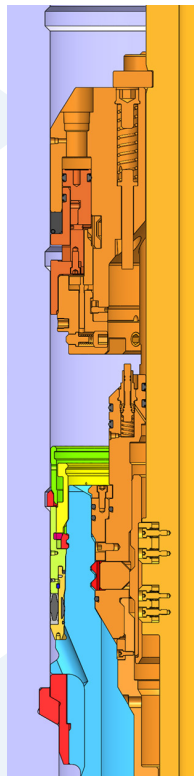
The casing hanger and annulus seal single trip running tool (STRT) is designed as a 3-in-1 tool to minimize the number of trips into the wellhead and reduce the number of equipment required on the rig. The primary function of the tool is to install the casing hanger and seal assembly in a single trip. The STRT can also run the casing hangers and seal assemblies in separate trips. The same tool is used to run the casing hangers and seal assemblies for all casing hanger sizes within the 18-3/4" wellhead housing.



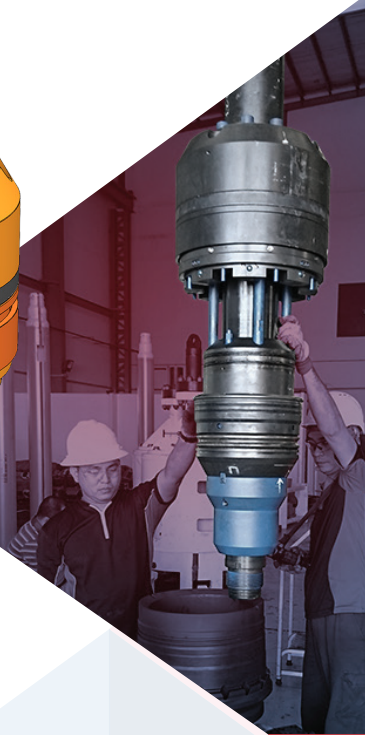
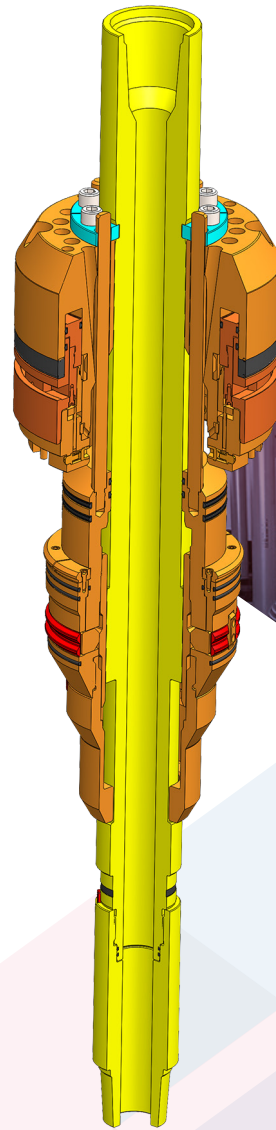
Casing Hanger landed, cementing position



Seal Assembly locked by pressure from the closed ram



Seal Assembly pressure tested position



SYSTEM RUNNING EQUIPMENT

- Guide Base Hydraulic Running Tool
- Wellhead Housing Running Tool
 - * Optional Hydraulic Wellhead Running Tools
- BOP Isolation Test Tool
- Nominal Bore Protector
- Wear Bushing Running/Retrieving Tools
- Wear Bushings
- Jetting Tool
- Casing Hanger and Annulus Seal Running Tool
- Mill & Flush Tool
- Annulus Seal Retrieving Tool