

## PROJECT EXPERIENCE

# Desired End Preparation

Split frame lathe technology delivers field machining solutions



A supermajor operator planned to install a 36 inch subsea pipeline off the coast of Trinidad and Tobago in the Dragon Field. While the initial CAPEX budget gained approval, the final project schedule witnessed constraints and delays. Due to this schedule extension the said pipeline was stored in location open to the natural environment. Upon project kick-off approval, inspection noted that the pipe ends suffered terminal corrosion damage. Further investigation provided a technical review and the said operator elected to remove each metal loss pipe end.

### SCOPE OF WORK

- 7100 Field machine cuts total. SIMOPS mandate

### TECHNICAL ACHIEVEMENTS & BENEFITS

- BlueFin averaged 90-100 field machine cuts per day
- Project management provided daily oversight of 46 technicians
- BlueFin managed clear chain of command and communication amongst multiple clients contractors: Engineering (Technip), Marine installation (Saipem), Coatings (Bredero Shaw)
- Fabricated rack system enabled SIMOPS capability, pup joint retrieveability, and decreased limb exposure
- Project completed ahead of schedule with zero incidents

### LOCATION

Trinidad, West Indies

### SPECIFICATIONS

Outer Diameter: 36 inch  
Wall Thickness: 1.000 inch  
Purpose: Subsea Installation

### CHALLENGE

Develop a project work plan to safely perform mechanical SIMOPS with careful attention to project budget.