

Port Fourchon Dockside Tubular Support Center

Advanced and efficient maintenance
for offshore tubular inventories



Located dockside in Port Fourchon, Louisiana, the DRILCO C-Port II tubular maintenance facility minimizes handling time, risks, and costs.

Efficient centralized facility

Conveying and servicing drillstring components for operations in the Gulf of Mexico can increase the time, risks, and costs associated with handling. To minimize these challenges, DRILCO established a dockside facility at C-Port II in Port Fourchon, Louisiana, USA.

At the Port Fourchon facility, multisize drillstring components can be unloaded directly from vessels with minimal handling since services are done onsite with the aid of an automated conveyor system. After servicing, the tubulars can be reloaded onto the vessels, reducing handling time, risks, and costs.

Safer, more practical alternative

The DRILCO C-Port II facility offers port-accessible inspection, cleaning, and manufacturing services, 24/7/365. Since its opening in 2000, the facility has provided a one-stop resource in deepwater operations for major operators, independents, and drilling contractors.

Tubular Maintenance Facility Comparison[†]

	Standard Facility	DRILCO C-Port II
Proximity to dock	Inland, up to 90 miles	Dockside
Loading and unloading trucks	12	0
Flatbed trailer required	Yes	No
Automated conveyor system	No	Yes
Turnaround time	6 days	3 days [‡]
Drillpipe serviced	Single	Single or double
Hours of operation	Regular business day	24/7/365
Weather restrictions	Clear weather	No restrictions

[†] Determined from 10,000 ft of S-1 drillpipe.

[‡] Overtime charges may apply.

DRILCO experts at the C-Port II facility inspect tubulars to DS-1 Category 5 specifications with world-class inspection units that exceed industry standards. Specialists clean and repair tubulars, subs, and connections at the same dockside facility.

Extensive tubular handling capabilities

The C-Port II facility provides services for range 2 and range 3 drillpipe in singles and doubles and BHA components, including stabilizers, pony collars, and running tool assemblies. The facility's makeup and breakout service for drillpipe and casing enables shipping in double lengths, which eliminates costly rig time spent making up or breaking connections.

The facility has multiple dedicated bucking units and pipe handling systems that service tubulars from 2½ in to 23 in. The bucking systems can generate torque in excess of 100,000 ft.lbf for breakout and can handle range 3 doubles.

A Tru-Torque* automatic torque control system ensures accurate torque values that are digitally recorded for traceability.

Casing		Time Saved, h	Estimated Savings, USD
3,500 ft of 22-in OD	41 doubles	20	820,000
3,450 ft of 18-in OD	41 doubles	20	820,000
16,935 ft of 14-in OD	201 doubles	100	4,100,000
7,300 ft of 11½-in OD	86 doubles	42	1,722,000

Note: Cost savings study is based on spread cost of USD 1 million.

1 hour saved = USD 41,000.

Tubular inspection accuracy

The C-Port II facility inspection capability exceeds industry standards for nondestructive testing. The facility offers a full range of inspection services, including full-length, dual-function electromagnetic inspection and 32-channel, full-length ultrasonic inspection that is specifically designed for deepwater tubulars. C-Port II inspectors perform individual single-channel inspections in real time, which garners the highest level of accuracy in inspection data.

Controlled and efficient tubular cleaning

To prepare tubulars for maintenance, inspection, or storage, the C-Port II facility uses a water blasting service. The facility can clean tubulars from 2½ in to 20 in and features an onsite 5,000-psi hot water, closed-loop system that prevents environmental contamination by capturing drilling solids for disposal. Higher pressure is available.

C-Port II specialists can perform pipe brushing concurrently with water blasting to ensure complete OD preparation. The facility offers sourcing for sandblasting to remove the external coating on new or corrosive tubulars.

Guided service and manufacturing

Tubular experts at the C-Port II facility use CNC and manual lathes to repair all API connections and proprietary SSDS and TSDS subs and connections.

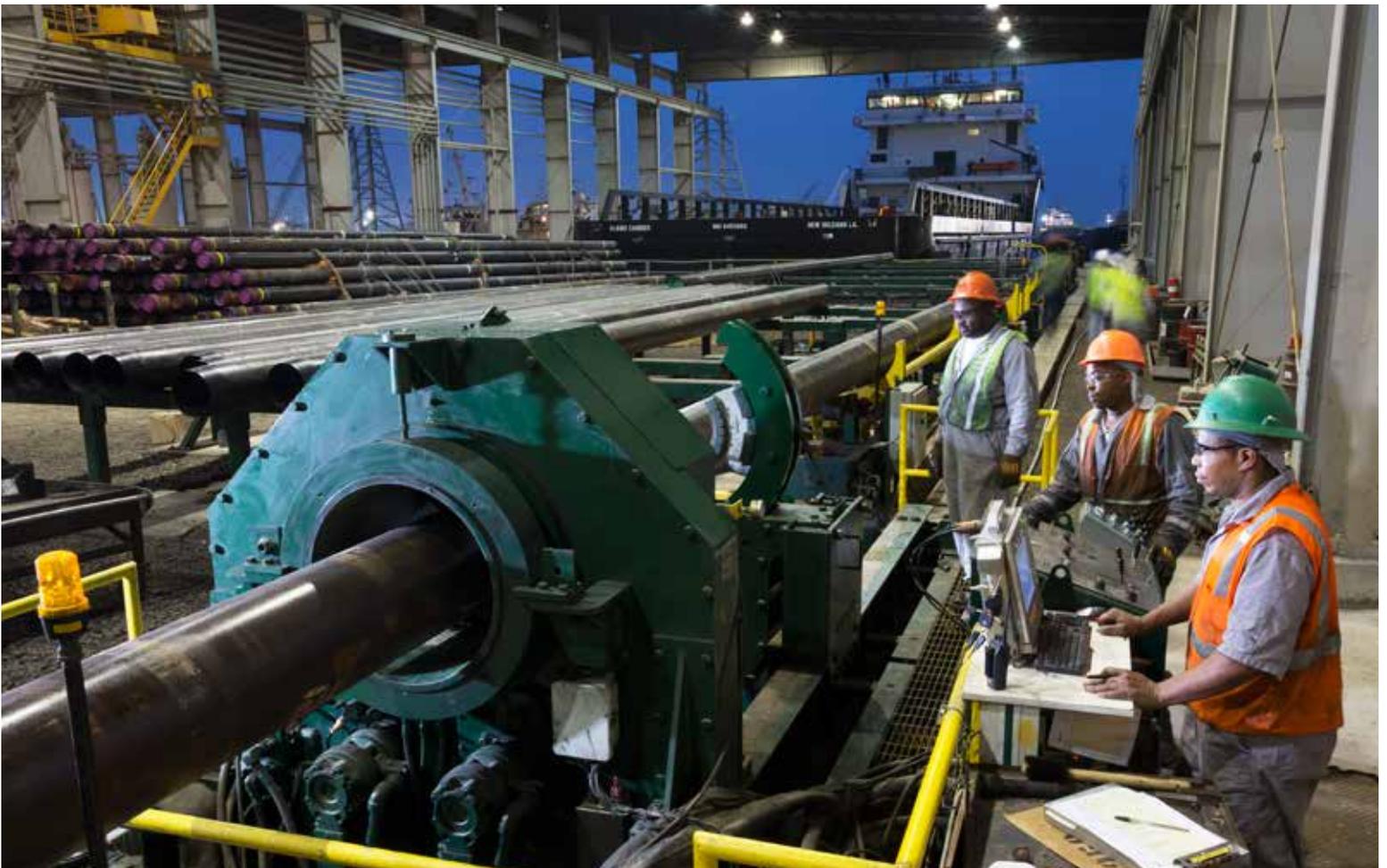


DRILCO's tubular experts at the C-Port II facility use CNC and manual lathes to repair API, SSDS, and TSDS connections.

To prevent connection failures, technicians break them in using a specialized bucking unit. The C-Port II facility offers laser tally, full-length drift, and visual inspection of the thread couplings, as well as cold rolling to increase fatigue life and kemplating to provide a barrier between metallic surfaces.

New subs and pup joints are manufactured at the facility, which also offers new Hevi-Wate* transition drillpipe and drill collars.

The DRILCO dockside facility is the only fully API-certified machine shop on the Gulf of Mexico coast that is port accessible.



A dedicated casing bucking machine allows transporting doubles to the rig, significantly reducing casing running times.

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Find out more about DRILCO drilling tool services at DRILCO.com.

DRILCO Inspection Services

Qualified personnel offer a full range of inspection services that include third-party and customer-defined standards.

DRILCO.com/inspection

DRILCO Machine Shop Services

DRILCO operates every day, around the clock, to recut and repair tubulars. Expert technicians service common tubular connections as well as proprietary connections that require specialized licensing.

DRILCO.com/machining

DRILCO Casing and Drillpipe Bucking Services

DRILCO services 2 $\frac{3}{8}$ -in to 23-in range 3 doubles and generates torque up to 100,000 ft.lbf dockside at its C-Port II facility, saving valuable rig time.

DRILCO.com/bucking

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