

OFFSHORE REPAIR OF A RISER PIPE

CUSTOMER

Ivory Coast

APPLICATION DATE

May 2014

APPLICATION SITUATION

12" T-pipe on an offshore platform.

PROBLEM

Cavitation near the flange, erosion between flange and T-section. Surface preparation created through wall defects because of the thin remaining thickness of the pipe at some points.

PRODUCTS

Belzona 1121

SUBSTRATE

Steel

APPLICATION METHOD

Facing emergency, an internal repair has been done first with Belzona 1121 following the system leaflet VPF-1. Then a plate has been bonded on the through wall defect using the system leaflet VPF-11. To finish the repair, a reinforced wrap has been applied with Belzona 1121 and Belzona 9341. As the customer wanted a compliant repair, a SuperWrap repair has been completed afterwards.

BELZONA FACTS

Due to the situation of the pipe and the explosive environment, Belzona products permitted a cold repair and a quick return in service which saved a huge amount of money.

PICTURES

1. Before repair
2. During internal application
3. External repair - plate bonding
4. Finished repair



For more examples of *Belzona Know-How In Action*, please visit <http://khia.belzona.com>



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