

Location:

Lafayette/Offshore LA-TX Coast, LA

Market:

Oil and Gas (Offshore)

Substrate:

Steel

Surface Prep:

SSPC-SP 12 (WJ-2) (Water Jet Very Thorough to Substantial Cleaning)

Exposure:

Exterior Weathering - severe industrial
- seacoast and chemical environment

BHP Billiton "Neptune" TLP

Area Coated: Wet / Sweating Surfaces

- First Coat: Carbomastic 615 HS
- Second Coat: Carboguard 690

Area Coated: Structural Components

- First Coat: Carbomastic 15
- Second Coat: Carboguard 893 SG
- Third Coat: Carbothane 134 HS

Area Coated: From the waterline to the top of the HUS

- First Coat: Rustbond FC

Project Description:

The Neptune TLP was originally coated with International's brands. Within a 2-3 year site installation, colors had/were fading quickly, the walking decks systems had failed.

Project Challenge:

BHP Billiton had never used waterjetting means & methods. With a trend towards "green" by other deepwater owners in the Gulf of Mexico, BHP was convinced to try and solicited and awarded a 5-year, turn-key coating contract to RBG LLC. International Paint had a difficult time making up their mind which of 5 submitted "water-jet qualified" paint systems. Our submittal had the system defined per our proven Gulf of Mexico successes at Total E&P USA, BP, Energy XXI and Chevron.

Coating Selection Explanation:

Using 14K-15K psi as a minimum base, the use of RustBond Sealer/ Sealer FC (as needed), Carbomastic 15/15 FC, 893/134 has been/is being used on structural components. The Carbomastic 615 HS/690 system was selected for wet/sweating surfaces.

Additional Information:

Per the pictures, the HUS (Hull Utility Space) exterior has just been completed. We will now move up in elevation and begin the upper dek sections - the gray surfaces. Duration: well into next year i.e. ~ 16 months of coating work - through the winter...

