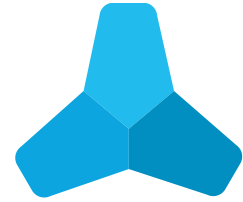


PUNTA CATALINA SUBMARINE OUTFALL

3x350m in length outfall,
Ø 2.500 mm and 3x11 risers



ETERMAR

CLIENT

Consortium: ODEBRECHT / TECNIMONT / ESTRELLA





Punta Catalina Submarine Outfall – Dominican Republic

CONSTRUCTION TIME

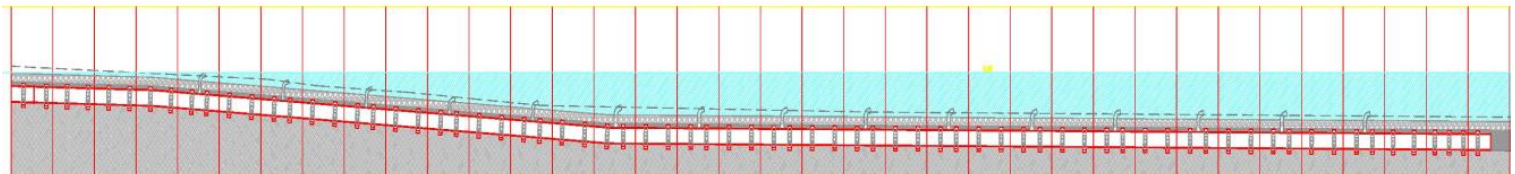
18 MONTHS

DESCRIPTION

Submarine outfall for the seawater cooling circuit of the 2x360 MW Thermal Power Station at Punta Catalina consisting of 3 DN2500 HDPE pipes with 350m length each and 3 diffusers each one composed by 33 chimneys DN1000, 800 and 560.

The pipelines were manufactured in Norway and towed to the site for installation. Each conduit was prepared with 72 reinforced concrete rings of 6.40m³ with 16t each. They are installed parallel in a single trench opened by the back-hoe dredger "Novadragamar" and covered by rockfill mantle.

In the diffuser the smaller diameter holes (Ø560 mm) are installed closer to the shore followed by the holes of intermediate diameter (Ø800 mm) and finally the holes with the largest diameter (Ø1.000 mm).



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