RASCO Harbour Facilities in Ras Lanuf (Libya).

The facilities in use consist of 2 no main jetties for oil derived products, connected by a pipe track on a causeway to a quay, part of which is used as a loading facility for chemicals.

The structures are supported by 1348 steel piles, all 40'' (1,016 m.) diam.

The facilities are well protected by a main breakwater, which offers shelter against northerly and easterly winds and seas.

The whole harbour was built in the early Seventies.

After detecting some signs of corrosion on the piles about Mean Water Level, Messrs. RAS LANUF OIL & GAS PROCESSING CO. started investigating on possible remedies already experimented in different parts of the world, mainly in the Mediterranean area.

In 1993, they contacted for the first time SINIT S.r.l. in Rovigo and invited a quotation for the protection of the tidal and splash zone with SUBCOM T.260 (former SPREADSUB T.260), our proprietary special underwater and splash zone epoxy coating.

After some additional research and visits to various sites already protected with SUBCOM 260, and in particular after two different inspections to BOTAS Terminal in Turkey where the same protective coating had been applied in 1991, late in 1995, RASCO placed the order to protect all the piles from -1,0 m. to +1,5 m. MWL.

SINIT promptly mobilized and started working with a team of up to 25 divers and engineers, most of them expatriates, and the assistance of some locally available labour.

The whole Contract for the anti-corrosive protection of some 11.290 sq.m. with about 93.000 kgs. of SUBCOM T.260 was completed in less than 400 calendar days, including holidays and weather stand-by.

Spreading of SUBCOM T.260

Spreading of SUBCOM T.260 on steel piles

General view of the Jetty

SINIT EPOXY COMPOUNDS AND NEW TECHNOLOGIES IN THE CIVIL, INDUSTRIAL AND UNDERWATER ENGINEERING

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