

PROJECT

Runib Rima & Maurid MMPS Pipelines



LOCATION Oman	PRODUCT WAVISTRONG®
CONTRACTOR Daehan Oil Pipeline Corporation – Korea Gulf Petrochemical Services LLC - Oman	END USER Petroleum Development Oman
CONSULTANT Worley Parsons	DESIGN PRESSURE 30 barg
DIAMETER RANGE (MM) 400 and 500	APPLICATION Flow line for the transportation of crude oil
MARKET SEGMENT Oil & Gas	COMPLETION DATE 2008

DESCRIPTION

FPI’s scope was to supply 56 kilometers of 400 and 500mm GRE pipe line across the desert for the transportation of crude oil and included:

- Engineering and system design
- Manufacturing of pipes and fittings
- Fabrication
- Site supervision

THE FPI ADVANTAGE

The key benefit of this WAVISTRONG® GRE pipe system is that it provides substantial operational cost savings since GRE pipes do not require pigging nor corrosion inhibition. The first 20inch GRE pipeline has been developed specifically for this project to accommodate the 30bar design pressure. The GRE pipe line was hydro-tested, commissioned and is fully operational between Runib and Rima in Oman.

The project team worked closely with the contractor and end-user to manage the quality especially with regard to the flange connection at this pressure. A pressure assurance plan was developed for this project through doing sectional hydrotests.