

# WALKING SURFACES FOR NATURAL GAS EXTRACTION SITE

## LOCATION

Natural gas extraction site off the Mediterranean Coast of Northern Africa.

## CLIENT

The client offers consultancy and maintenance services to an international group operating in the field of natural gas extraction.

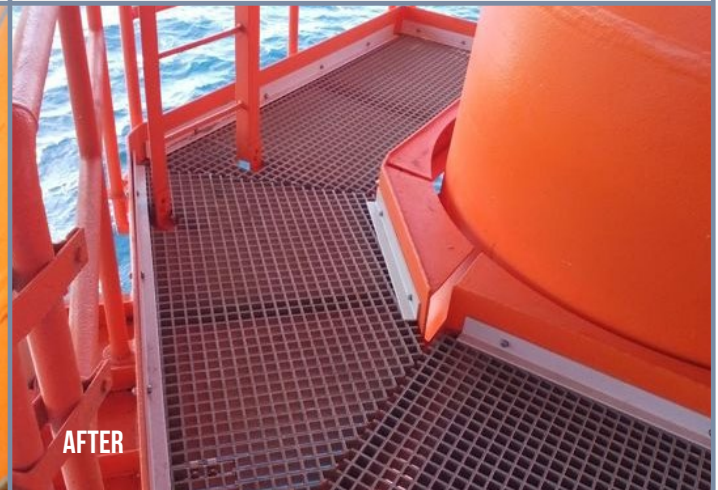
**LOCATION** LIBYA

**USE**

REPLACEMENT OF METAL GRATINGS WITH FRP GRATINGS, USED FOR WALKING SURFACES OF PEDESTRIAN AREAS ON THE EXTRACTION SITE.

**PRODUCT**

SCH 38/38 IN SELF-EXTINGUISHING RESIN, COLOR GREY AND FRP ANGLE BRACKETS



## OBJECTIVE

The client was looking for an alternative to traditional metal gratings, which need constant maintenance and have to be frequently replaced, due to their low resistance to sea water which causes a rapid deterioration of metal gratings with rust formation and a subsequent significant worsening of their properties, making walking surfaces extremely dangerous.

## SOLUTION

M.M. supplied 450m<sup>2</sup> grey FRP gratings type SCH 38/38 and FRP angle brackets. FRP products are ideal for applications in direct contact with brackish water because no salt deposit is left on the material (as evidenced by the test carried out by M.M. in collaboration with the University of Rome Tor Vergata); therefore, problems related to corrosion are avoided and the life cycle is considerably longer.

M.M. gratings made of polyester resin and glass fibers are certified to be long-lasting according to the norm UNI EN ISO 9142/04.