



Aerial view



## Breakwater repair

### Bayonne, France

Being located at the Atlantic coast of France, the harbour of Bayonne is regularly exposed to stormy weather. In the 1960s, a breakwater was erected to protect the entrance channel. It included a wall and also a platform wide enough to accommodate a heavy duty crane used to place and re-position the 40 t concrete blocks that cover the exposed outside of the structure.

For the renewal in 2014, the authorities specified stainless steel and opted for the proven 22 % chromium, 5 % nickel duplex stainless steel grade whose additional molybdenum and nitrogen

contents provide superior corrosion resistance and mechanical properties. As grade EN 1.4462 in the ribbed condition has a minimum yield strength of > 750 MPa, rebar diameters could be reduced, which contributes to the overall economics of the stainless steel solution.

### Details

<b>Environment:</b>	Marine
<b>Stainless steel grade:</b>	EN 1.4462
<b>Product type:</b>	Rebar
<b>Dimension:</b>	10 mm and 12 mm Ø
<b>Total quantity:</b>	130 t
<b>Producer or supplier:</b>	Ugitech
<b>More information:</b>	<a href="http://ugitech.com">ugitech.com</a>

