

# REDUCTION GEARBOX WITH BELZONA CHOCKS ON FISHING BOAT

ID: 5932

Industry: Marine

Customer Location: Fishing Boat, Peru

Application: GSS-Gaskets, Seals and Shims

Application Date: September 2015

Substrate: Marine steel in the cockpit support and cast steel in the base of the engine and box.

Products: \* Belzona 7111 (Marine Grade),

## Problem

The propulsion system has been aligned. The reduction gearbox must be placed on chocks that would not change their height with occasional compression due to weight of the gearbox and the high torque applied to the anchor bolts, and maintain alignment.



## Photograph Descriptions

- \* Naval propulsion reduction gearbox ,
- \* Filling the dam by pouring ,
- \* Exact adjustment with torque wrench ,
- \* Completed project with minimum variation which does not affect alignment ,

## Application Situation

Speed reducer gearbox of the main engine of the propulsion system on fishing boat. Machine room.

## Application Method

The application was carried out in accordance with Belzona Know-How System Leaflet GSS-12 and Belzona 7111 IFU.

## Belzona Facts

After pouring Belzona 7111 in the two dam casings and after curing was completed, the engine was supported and the anchor bolts were tightened, the variation due to compression was measured and was homogeneous and only 0,001", completely acceptable and safe for alignment.

For more examples of Belzona Know - How In Action, please visit <https://khia.belzona.com>

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