CASE STUDY - HSE AND OPERATIONAL OPTIMISATION

SHIP'S HYDROBLASTING AND OPERATIONAL OPTIMISATION

ASSET:	TAI SHINE – Bulk carrier – 199 m
LOCATION:	Shanhaiguan Shipbuilding Industry, one of the largest ship repair yards in China
DURATION:	32 hours
PROJECT GOAL:	11,000 sqm preparation for painting Areas to blast: bow, stern, vertical hulls, and flat bottom areas

WHAT WE DID

Robot ++ analysed the client's existing blasting fleet and timeframe's of different vessel types blasting and including data realized across similar asset types identify immediate, quick win gains, as well as long term implementation improvements.

WHAT WE REACHED

- We used 6 V30 robots and 2 cherry pickers instead of 32 cherry pickers
- 32 hours for complete blasting of 11000 sqm, instead of 50 hours;
- Strong HSE;
- Reduction of working at height to minimum;
- Reduction the no of people/shift involved in operation from 40 to 8;
- 60% cost reduction.

ROBOT++

