

CASE STUDY

FAST TURN AROUND ON LARGE VESSELS TO REMOVE FROM SHUTDOWN

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INTRODUCTION

Sonomatic were requested to carry out an urgent Non-Intrusive Inspection (NII) campaign on two large vessels with known corrosion. The client recognised the value of NII and wanted to utilise it fully to allow for a quicker turnaround.

PROCESS

The NII process had to be expedited to meet with commencement of turnaround dates. The integrated approach of working closely with the inspection team enabled a multi team deployment, working 24 hour shifts to collect 100m² of data. The onshore NII team worked with the offshore team to ensure efficient use of the data in the analysis into the NII evaluation. During the process, two areas of significant degradation were highlighted, and a fitness-for-service was carried out.

OUTCOME

In summary Sonomatic worked with the client to facilitate a 3-week inspection campaign for NII 100% coverage inspections. This data was analysed live, and the evaluation was carried out as soon as the data was available, including fitness-for-service where appropriate. The client was able to remove these vessels from the upcoming shutdown, thereby aiding the reduction of timescale significantly, saving the client lost production costs.

