

## CASE STUDY

# RCM Project Implementation and Mentoring Programme

Xpedit are on contract with a global Offshore Support Services Company to implement and mentor their Reliability Centred Maintenance programme. The organisation approached Xpedit to help centralise their asset management and support to their Fleet in order to achieve efficiencies and consistency. Their process of choice to generate fleet wide maintenance schedules was RCM. The project aim was to deliver the right maintenance (optimised where appropriate) with the right spares to the fleet to minimise downtime.

## The Project

Our support commenced with an RCM training course delivered to the Company for 12 people in their offices in Eastern Europe. One module of the course covered how to practically implement a programme of RCM to achieve the best out of the project. Xpedit's open and informed approach led to the organisation engaging with Xpedit to conduct study mentoring for their first study reviews. To date we have analysed several systems achieving impressive maintenance and capital savings.

One of the most significant benefits has been generating maintenance schedules from a central source rather than relying on OEMs or Ship Superintendents to provide the schedules. This has allowed for the templating of maintenance and the generation of a robust stores demand planning process.

Xpedit have also advised the organisation on how to develop a Maintenance Derived Forward Inventory (MDFI), to allow spares to be provided to conduct the scheduled preventative maintenance. Our Emergent Spares Predictor ESP has also been used to determine the stores holding and demands for reactive maintenance.

The organisation's RCM Team are now studying and implementing RCM derived maintenance schedules in-house with reach back to Xpedit when required.

## Xpedit's Approach

There is a pressure to meet ever increasing safety expectations, environmental legislation and financial objectives. A significant part of any evaluation strategy can be to review the maintenance requirements for assets, systems or entire organisations.

There are many processes available within industry to facilitate such a review. The key is to find a process that meets an organisation's needs. Reliability Centred Maintenance (RCM) is one such process that can be used to analyse assets and systems. The result is a proactive, safe, cost effective and defensible maintenance strategy with a robust auditable trail that can prove extremely beneficial through-life when incorporated within a Maintenance Management System (MMS). The efficient derivation and management of maintenance could improve machine performance through best practice and maximise machinery efficiency.

Xpedit employs its core service of RCM to generate viable proactive maintenance strategies. Customers are then supported through life by offering innovative and valued solutions to manage maintenance, logistical and other supportability issues.

## Our Services

Reliability Centred Maintenance | Integrated Logistic Support | Asset & Maintenance Management | Project Management | Safety Cases and Risk Assessing | IDEF0 Functional Analysis | Availability, Reliability and Maintainability Based Maintenance | RCM Mentoring and Training

## Contact Us

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