

Case Study



ASTUTE Class - RCM Project

Xpedite successfully delivered whole boat RCM for the ASTUTE Class submarines. The largest, most advanced and most complex submarine of its kind ever operated by the Royal Navy.

Xpedite were contracted by the MoD to support the prime contractor in delivery of the whole boat maintenance strategy by applying RCM principles in accordance with Def Stan 00-45. Effective project management and drawing on lessons learnt ensured the delivery of a safe, practical and cost effective maintenance solution.

Xpedite is a MoD approved supplier of RCM consultancy and facilitation. We have vast experience of contract facilitation and Through Life Management of RCM databases. Xpedite were selected as the service provider to the prime contractor due to our specialist knowledge in RCM, Submarine SQEP and long term relationship with the MoD RCM Group.

Tasking has also been extended to help manage the Integrated UMMS (Unit Maintenance Management System) Environment under contract with Submarine in-service support. Through life activities include management of the data, quality assurance and the grouping and scheduling of maintenance within the maintenance management system.

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.

Xpedite 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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