



1. Requirement overview

Requirements	The Marine Management Organisation (MMO) requires further evidence to understand the direct and indirect effects of implementing the days at sea scheme.
Requirement detail	<p>Understanding the direct and indirect impacts of implementing the days at sea scheme and incorporating a cost benefit assessment of this approach to effort management, would help further inform fisheries management decisions. This work is important to ensure the MMO continues to meet its obligation as an enabling regulator.</p> <p>Of particular interest are the impacts on vessel activity and fleet size over an extended period in relation to western waters (scallopers and crabbers).</p>
MMO use	Fisheries management: Continued improvement to the delivery of legal obligations. This would also allow for improved management of fisheries, particularly in relation to the implementation of days at sea schemes.
External interest	Natural England, Cefas
Delivery target	2016, Quarter 4

2. Aims and objectives

Aim:

To provide evidence and best practice for the management of fisheries quotas in western waters, especially in relation to crab and scallop fisheries, through the use of 'days at sea' schemes.

Objectives:

- explore benefits associated with days at sea scheme and how these can be valued
- analyse value associated with days at sea scheme against cost of implementation
- explore success of current scheme and options for developing best practice or enhancements, possibly through a review of international practices.

3. Existing evidence

MMO	Details of the 'days at sea' scheme in western waters (ICES Area VII) can be found here . This scheme looks to limit the number of hours vessels over 15 metres spend at sea in Area VII to keep crab and scallop fisheries within EU effort limits.
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4. Current activity

The Scallop Industry Consultative Group have tasked SEAFISH with exploring the current, and ongoing, scallop fishery activities. This work has been influenced and supported by the MMO and will be of direct benefit to future decision making.

5. Associated evidence requirements

There are no related evidence requirements.

6. Potential delivery route

The MMO will look to partner with organisations of relevance to widen the potential impact of any work undertaken in this area. The MMO will also explore opportunities to influence the research of others to gather evidence that can be applied within a marine management context. Knowledge exchange is required throughout the duration of this requirement and not limited to when delivery is complete.

Partnering

Delivery window: Q2, 2016 – Q4, 2016

Seafish's economics team have been tasked by the Scallop Industry Consultative Group to deliver this evidence, due to the economic analysis skills required. Seafish are well placed to undertake this work owing to the considerable amount of survey data they gather from the fleet on running costs. The MMO have facilitated this work through delivery of data regarding the activities of the vessels subject to effort restrictions. Industry members have also shared their annual accounts with Seafish. As the scalloping fleet size and activity level varies from year to year, annual updates on the analysis will be produced by Seafish..

If the area VII crab fleet are interested in a similar analysis the same delivery route would be envisaged.

Knowledge exchange

Delivery window: Q2, Annually

As with all MMO project, knowledge exchange is an important part of the delivery of this project. To meet this, Seafish will deliver yearly updates in Q2, to the MMO which will be used to develop MMO processes.

Although we have set out how we think we can deliver this evidence requirement, we would like to hear from anyone interested in working with us to deliver all or part of this requirement.

See table 1 for timescales.

7. Contact

For more information or to add further research to the existing evidence list please email evidence@marinemanagement.org.uk

Table 1: Delivery timescales 2016 to 2020

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