Sharecat™

Case Study

Jasmine Project

worley
DELIVERING SUSTAINABLE CHANGE

Asset/Facility overview

Industry	Oil & Gas (upstream)
Sharecat Customer	Worley (Project EPC Contractor)
Asset type / location	Offshore platform, UK
Lifecycle Phases	Detail design & execution Construction & commissioning

Figure 1. The Jasmine platforms (picture courtesy of ConocoPhillips).

The Jasmine field is a gas condensate field located in the UK North Sea, developed via two fixed platforms tied back to the existing nearby Judy platform. The total project cost was ~$2.6 Billion USD, with the execution phase starting in 2010 and first oil achieved in November 2013.

The Sharecat platform was used to handle, collect and validate supplier information for the full duration of project execution phase including commissioning, close-out and handover to the ConocoPhillips operations group.

Platform functionality used

- ✓ Documents management, workflows & reviews
- ✓ Asset data & equipment registers
- ✓ SPIR handling & processing
- ✗ Reference Data Library / Class Library Management
- ✓ Automated tag & document numbering
- ✓ Product Catalogue
- ✓ Reporting & analytics

Key figures

# EPC Contractors	1	Worley
# Suppliers	198	
# Purchase Orders	297	
# Unique Documents	26 900	Supplier documents only
# Document Revisions	86 740	
# Tagged equipment items	51 000	Excludes soft tags, cables tags and piping tags
# Data attributes collected	N/A	Document management only
# SPIR forms processed	299	
# Workspace users	1809	1597 project users (across 10 locations) & 242 supplier users
Dates (platform usage)	2010-2013	

Factors for selecting the Sharecat platform

The aim for information management on the Jasmine project was to "Deliver the highest quality, complete, digital asset information to meet the requirements of ConocoPhillips".

Prior to the start of the Jasmine project, Worley identified that the management of supplier information was to form a major part of the information management scope due to the large volumes of supplier information to be gathered (typically approximately 65% to 75% of the total information based on Sharecat experience). In addition, Worley's client, ConocoPhillips, adopted a digital approach to managing asset information from across the project information lifecycle from creation to operational handover. As part of this approach a core element for successful asset management is the delivery of high quality and complete equipment information, in structure, for use by the operations group and their systems.

To meet these objectives the Sharecat platform was applied as a collaborative, centralised solution specifically for supply chain information. This enabled efficient storage and interaction with supplier documents and data, integrated as part of the project procedures and processes thanks to the platform tools and functions. The adoption and use of the Sharecat platform directly supported and ensured the project's ability to deliver the high quality and complete equipment documentation and data as required by ConocoPhillips.

Successes & benefits identified

The Worley team summarised their experience from using the Sharecat platform as follows:

"Without the Sharecat platform and its numerous automated processes, the Jasmine Project would have been far less efficient in processing and managing the volume of information and was a key contributor to the success of information management on the project".

Worley Project team.

A proactive approach to supplier information management by Worley, combined with the use of a world class digital platform provided by Sharecat, achieved an unprecedented success in the collection and delivery of correct, compliant and complete supplier information for the Jasmine Project.

Worley calculated that thanks to efficiency improvements from using the Sharecat platform a direct saving in information management costs of at least ~£1.32 million was achieved.

Key benefits identified were:

- Collaborative web-based environment enabled global project workshare across engineering contractor and owner/operator teams and locations, enabling Worley and ConocoPhillips project and procurement personnel to manage Supplier deliveries proactively.
- A high level of complete and correct supplier information delivered prior to completion of offshore commissioning.
- Cloud SaaS deployment required no installed software or associated IT support users.
- Suppliers readily adopted use of the Sharecat platform finding the receipt and issue of documents simple, efficient and cost effective.
- Centralised management of local, regional and global supplier information scope allowed dynamic project reporting and assisted all project parties to determine current 'real time' status
- Continuous data handover into ConocoPhillips' operations systems via API integration.
- Significant reduction in document control effort and cost (30% to 50% saving) through automation of high-cost activities.
- Number of DCC personnel for was reduced by 40% compared to using other systems and no overtime hours were required for document management in Sharecat due to automation of processes leading to efficiency gains.
- Supplier documentation automatically processed and instantly distributed/issued to all project participants.
- Information held in a common accessible environment supported construction and commissioning activities.