

CASE STUDY



ENVIRONMENTAL
SERVICES



Location

UK

THE NEED

Receipt, decontamination, and disposal of subsea infrastructure and produced water from a FPSO and associated fields of a major upstream Oil and Gas operator.

THE SOLUTION

ASCO has developed a turnkey solution by leveraging in-house environmental expertise, logistics and materials management resources/capabilities, as well as through development of a collaborative supply chain.

THE BENEFITS

- A single point of contact with a dedicated project manager, coordinating and managing a complex and comprehensive project
- Responsible and cost-effective solutions through planning and partnerships (reduction in vessel sailing time, optimisation on transport/journey, minimizing waste, maximising value of the materials decommissioned in line with the circular economy principles)



AROUND **1700** TONNES
RECEIVED OVER THE QUAYSIDE



878 METRES OF RISERS
DE-CONTAMINATED BY NORM
SOLUTIONS.



135 TONNES OF
CONTAINERISED WASTE WORKED



2,400 TONNES PRODUCED
WATER AND FLUSHINGS RECEIVED



0 REPORTED HSE/SEQ INCIDENTS

ascoworld.com



ASCO supplying UK wide solutions for offshore decommissioning project

EXCELLENCE IN COLLABORATION



OVERVIEW

ASCO, the global integrated logistics and materials management company has successfully completed six separate onshore work scope packages in support of the decommissioning programme for a major upstream Oil and Gas operator within the UK.

SCOPE

The projects involved the onshore receipt of a wide-ranging inventory including 2,400m³ contaminated produced water, flushing fluids and 2,000 tonnes of subsea infrastructure consisting of tether bases, risers, umbilicals, concrete mattresses, waste hydrocarbons and debris.

PROCESS

A collaborative approach leveraging supply chain partners across the UK

The project was a nationwide programme with work scopes delivered at several UK locations from the Port of Tees up to the Port of Cromarty Firth.

ASCO's comprehensive suite of integrated services were utilised, this included ASCO ships agency (Seletar), quayside receipts using ASCO's South Base facility in Peterhead, NORM (naturally occurring radioactive material) management utilising ASCO NORM Solutions, industrial cleaning and waste management (reuse, recycling and disposal) carried out by ASCO Environmental Services.

CASE STUDY



ENVIRONMENTAL SERVICES



ASCO carried out the produced water scope out the Port of Teesside, ahead of this subsea project. The material was received at Port of Blyth involving receipt of 1675 tonnes of material from three port calls into a dedicated decom space at the port. Thompsons of Prudhoe segregated all received material and carried out the downsizing and cutting of subsea risers and umbilicals.

ASCO provided a Radiation Protection Supervisor (RPS) to monitor for NORM contaminated materials and to oversee the cutting of NORM contaminated production risers. All NORM material was transported to NORM Solutions in Aberdeen for decontamination prior to recycling. NORM free waste material was sent for recycling directly from the port by Thompsons of Prudhoe.

THE RESULT

Safe, responsible and cost-effective project delivery

ASCO successfully delivered the project on time and within budget, in line with client's expectations, working closely with stakeholders and the operator.

Key to success of this multi-faceted project was ASCO's collaboration with partners including Port of Blyth, Thompsons of Prudhoe, Exolum Teesside and Muehlhan Industrial Services all of which were interfaced by ASCO's in-house Project Manager to ensure clear lines of communication with all internal and external project stakeholders were maintained in the delivery of safe and efficient operations to pre-determined project aims and objectives. The Project Manager was on-site at key stages of the decommissioning program to ensure smooth coordination.

This decommissioning project gave ASCO the opportunity to deliver safe and efficient solutions fully utilising our integrated service lines with additional support from our network of collaborative UK supply chain partners.