




S&K 2023 OSPAR Public Statement

SCKE-T60-Z-RA-0010 S&K 2023 OSPAR Public Statement
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Schooner & Ketch Decommissioning Project

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S&K Decommissioning Project

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1 INTRODUCTION

Under the OSPAR Recommendation 2003/5, the Offshore Petroleum Regulator for Environment & Decommissioning (OPRED) requires that all United Kingdom Continental Shelf (UKCS) oil and gas operators undertaking offshore operations to prepare an annual statement of their Environmental performance, covering the calendar year, and make that statement available to the public.

THREE60 Energy Group is an independent energy service company offering complete asset life cycle expertise. In April 2021, THREE60 Energy Services Limited (a UK subsidiary operating company of THREE60 Energy Group) was appointed as the Installation Operator (Duty Holder) of the Schooner and Ketch platforms. The Ketch platform was decommissioned in 2022. This document is the third Public Statement prepared by THREE60 Energy Services Limited (hereafter referred to as THREE60) describing the environmental performance of its 2023 UKCS activities supporting the remaining Schooner NUI platform.

As described previously, the environmental performance of 2023 Schooner and Ketch activities (e.g. well Plugging and Abandonment (P&A), decommissioning and pipeline activities) managed by DNO North Sea (ROGB) Limited - the Schooner and Ketch License Holder, Well Operator and Pipeline Operator will be reported separately.

1.1 Structure

This Public Statement is structured as follows:

- Section 2: Description of THREE60's UKCS (Schooner operations) during 2023;
- Section 3: Summary of the THREE60 ISO 14001-certified Environmental Management System; and
- Section 4: Provides a summary of THREE60's 2023 environmental performance and Key Performance Indicators (KPIs).



2 THREE60'S UKCS OPERATIONS

Following the appointment of THREE60 as the Installation operator / Duty holder on behalf of DNO North Sea Ltd (ROGB) on 1st April 2021, THREE60's activities have focused on the delivery of safe operations on the Schooner and Ketch Normally Unmanned Installations (NUIs).

The Schooner and Ketch fields are located within Block 44/26a, and Blocks 44/28b respectively, approximately 150 kilometres from the Theddlethorpe Gas Terminal (TGT) on the Lincolnshire coast (Figure 1).

Following the cessation of production in 2018, the Schooner and Ketch NUIs (Figure 2) were in Warm suspension pending the completion of Well Plugging and Abandonment (P&A) activities, and then a period of Cold suspension prior to platform decommissioning (removal), as illustrated in Figure 3.

During 2022, the Ketch platform was successfully removed using a Heavy Lift Vessel and the Schooner platform wells plugged and abandoned. In preparation for the Schooner platform entering Cold suspension, in 2022, the Schooner topsides navigation aids were also replaced and a standalone, solar and battery powered, bird dispersal system installed.

Figure 1: Location of the Schooner and Ketch installations and Fields

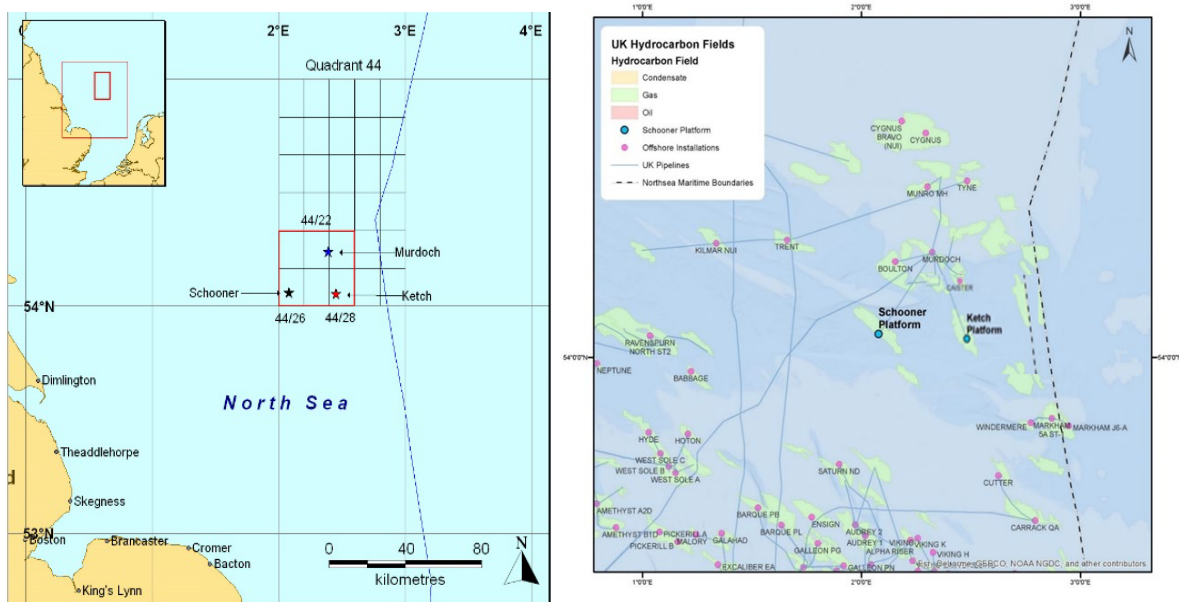


Figure 2: Schooner and Ketch Normally Unmanned Installations (NUIs, Ketch was removed in 2022)



During 2023, THREE60's activities focused on safe operations onboard the Schooner platform in advance of platform removal, including:

- Remote monitoring of the Schooner platform Safety and Environmental Critical Elements S.E.C.E (for example, navigation aids and bird dispersal system) during Cold suspension, in accordance with the platform Safety Case;
- Regulatory permitting in support of the removal of the Schooner Platform topsides and jacket.

In previous years 2021-22, bird management consultants commissioned by THREE60 identified the presence of nesting Kittiwakes (*Rissa tridactyla*) onboard the Schooner platform and successfully trialed the use of vessel based offshore bird surveys and flying birds of prey from offshore vessels to deter seabirds from boarding a NUI platform.

In advance of the 2023 bird nesting season (April – September) and arrival of the HLV at the Schooner platform:

- The platform acoustic bird dispersal system was remotely activated (on the 1st April 2023) to deter birds from the Schooner area; and
- A 7-day vessel-based bird monitoring and bird of prey deterrent programme was implemented at the Schooner platform (Images 1 & 2).



Images 1 & 2: Vessel used for bird survey; Bird of prey taking off from vessel

Upon HLV arrival at the Schooner platform in May 2023, a platform drone video survey was also undertaken. The results from both offshore surveys identified the presence of 50 kittiwake nests containing up to 20 eggs. These data formed the basis for a Wild Birds licence application - under The Conservation of Offshore Marine Habitats and Species Regulations 2017 - to permit activities (i.e. heavy lift operations at the Schooner NUI) which may otherwise have constituted an offence. Removal of the Schooner topsides and platform was successfully completed in May 2023.

Schooner and Ketch Decommissioning - Offshore Overview

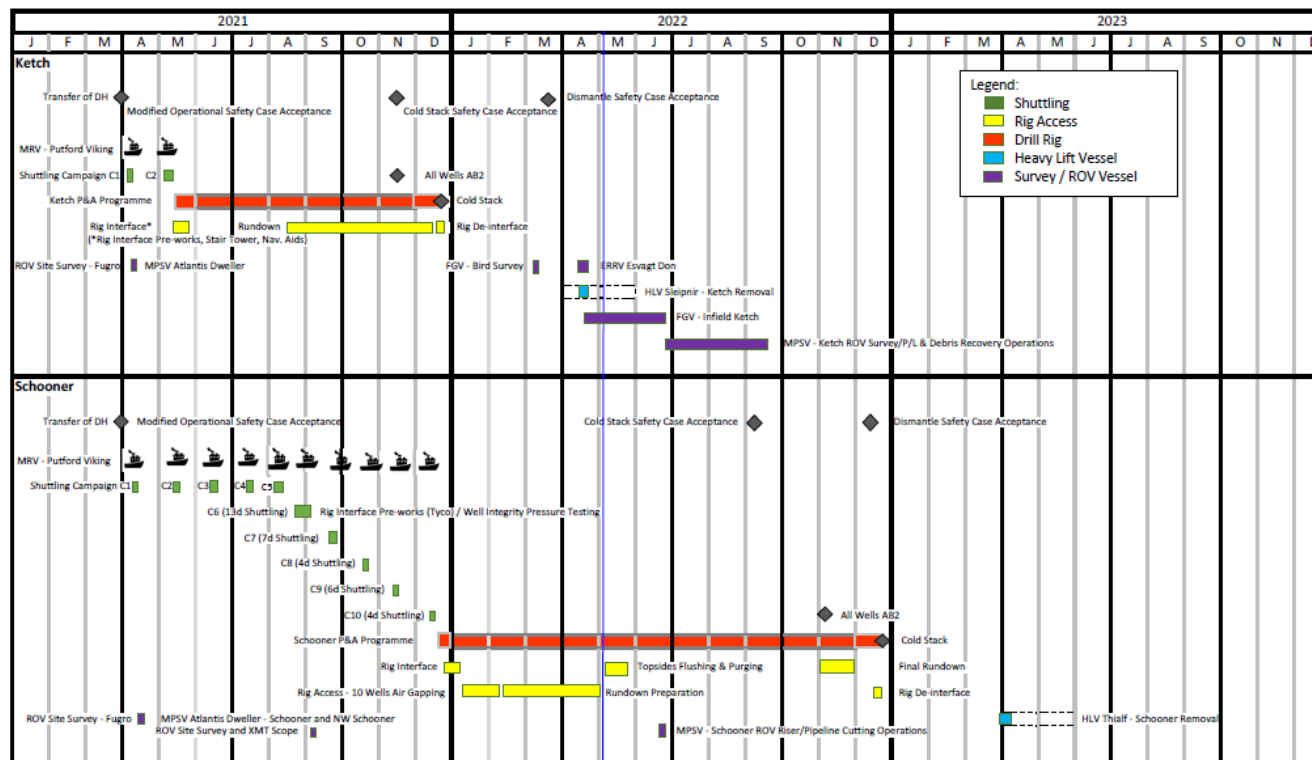


Figure 3: Schooner and Ketch Offshore Activities, 2021 - 2023

3 THREE60 ENVIRONMENTAL MANAGEMENT SYSTEM


Figure 4 illustrates the THREE60 Health, Safety & Environmental (HSE) Policy commitments which apply throughout THREE60's operations.

Certified to the ISO 14001:2015 International Standard in November 2021 (Figure 6), the THREE60 Environmental Management System forms part of the THREE60 Integrated Management System (IMS) and passed a surveillance audit in December 2023.

THREE60's offshore activities are carried out in accordance with the company EMS and BEIS Guidance.



Figure 4: THREE60 Energy HSSE Policy




Health, Safety, Security and Environment (HSSE) Policy

THREE60 Energy Limited is committed to fulfilling its legal obligations to people and the environment where they may be affected by its business activities. The Chief Executive Officer has overall responsibility for Health, Safety, Security and Environment (HSSE) through the following policy statement. It is integral to our business to achieve an incident free environment in compliance with the relevant statutory provisions and other appropriate standards.

We commit to an incident free environment and to discharge our statutory duties through:

- A commitment to identify, reduce or eliminate HSSE risks wherever we work;
- A belief that all personnel injuries and environmental incidents are preventable;
- Providing and maintaining operational controls and safe work equipment, including personal protective equipment;
- Operating in a manner that minimises our impact on the environment whilst developing solutions to prevent pollution, reduce carbon emissions and reduce our overall environmental impact,
- Fostering leadership and a working environment that establishes, enforces and continually improves this policy;
- Recruiting and appointing competent personnel commensurate with their role and level of responsibility;
- Ensuring that tasks given to employees are within their sphere of competence where competence is maintained through the provision of support, resources and training as appropriate;
- Making efficient use of resources, re-use rather than dispose, where possible and promote the use of recycled materials whilst minimising operational energy consumption, atmospheric emissions and managing/ controlling effluent discharges;
- Securing our people, assets, technology, proprietary information and company reputation;
- A commitment to consultation with and participation of the workforce; and
- Empowering and supporting all personnel to "Stop the Job" should they have any concerns;

All personnel have a responsibility to undertake work in line with HSSE related statutory requirements, other appropriate standards and to identify unsafe working situations. Our HSSE policy will be reviewed continually to monitor its effectiveness and to ensure that it reflects changing needs and circumstances. This statement is to be read in conjunction with the responsibilities, arrangements, procedures, and guidance that together form the THREE60 Energy Limited Health and Safety procedures. Compliance with this policy is the responsibility of all personnel working on behalf of THREE60 Energy and is enabled through the commitment of all THREE60 Energy managers.

Signed:  Date: 20 December 2021

Walter Thain
Chief Executive Officer

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Health, Safety, Security and Environment (HSSE) Policy 360-POL-002 Rev 2.0



Figure 5: THREE60 Energy ISO 14001: 2015 Certificate



MANAGEMENT SYSTEM CERTIFICATE

Certificate no.:
10000510251-MSC-UKAS-GBR

Initial certification date:
11 January 2019

Valid:
20 December 2021 – 19 December 2024

This is to certify that the management system of
**THREE60 Energy Limited trading as
 THREE60 Energy Group**
THREE60 Operations Services Ltd
THREE60 EPCC Ltd
 1st Floor, Regent Centre, Regent Road, Aberdeen, AB11 5NS, United Kingdom
 and the sites as mentioned in the appendix accompanying this certificate
 has been found to conform to the Environmental Management System standard:

ISO 14001:2015

This certificate is valid for the following scope:

Provision of onshore and offshore services to the oil & gas, petrochemical, renewable and associated energy industries worldwide.

These services include:

- Duty Holder
- Engineering
- Construction
- Commissioning and
- Operations and Maintenance Support

Place and date:
London, 29 November 2021

For the issuing office:
DNV - Business Assurance
4th Floor, Vivo Building, 30 Stamford Street,
London, SE1 9LQ, United Kingdom




Doug Milne
Management Representative

Lack of fulfilment of conditions as set out in the Certification Agreement may render this Certificate invalid.
 ACCREDITED UNIT: DNV Business Assurance UK Limited, 4th Floor, Vivo Building, 30 Stamford Street, London, SE1 9LQ, United Kingdom - TEL: +44(0) 203 816 4000.
 www.dnv.co.uk



4 SCHOONER AND KETCH 2023 ENVIRONMENTAL PERFORMANCE

As described in previous OSPAR reports, the Ketch NUI was decommissioned in 2022. The Schooner platform also entered Cold suspension (late 2022), with the wells plugged and abandoned and platform wastes removed, pending platform heavy lift and removal from its offshore location. As a result, in 2023, the Schooner platform environmental permits were limited to a Production Chemical permit, Consent to Locate and a Consolidated Oil Pollution Emergency Plan (OPEP). In preparation for the heavy lift operation, a Marine Licence and Wildlife disturbance licence were also obtained.

Additional environmental aspects within the scope of the THREE60 EMS were:

- Atmospheric emissions generated from the Heavy Lift Vessel used to remove the Schooner topsides, jacket and the standby vessel providing Emergency Response and Rescue Vessel (EERV) cover;
- Residual wastes backloaded prior to heavy-lift operations; and
- Notification of any reportable incidents.

As described above, the 2023 environmental performance of DNO (ROGB) controlled activities (pipeline decommissioning, guard duties) post platform removal will be reported separately.

4.1.1 Production Chemical Use and Discharge

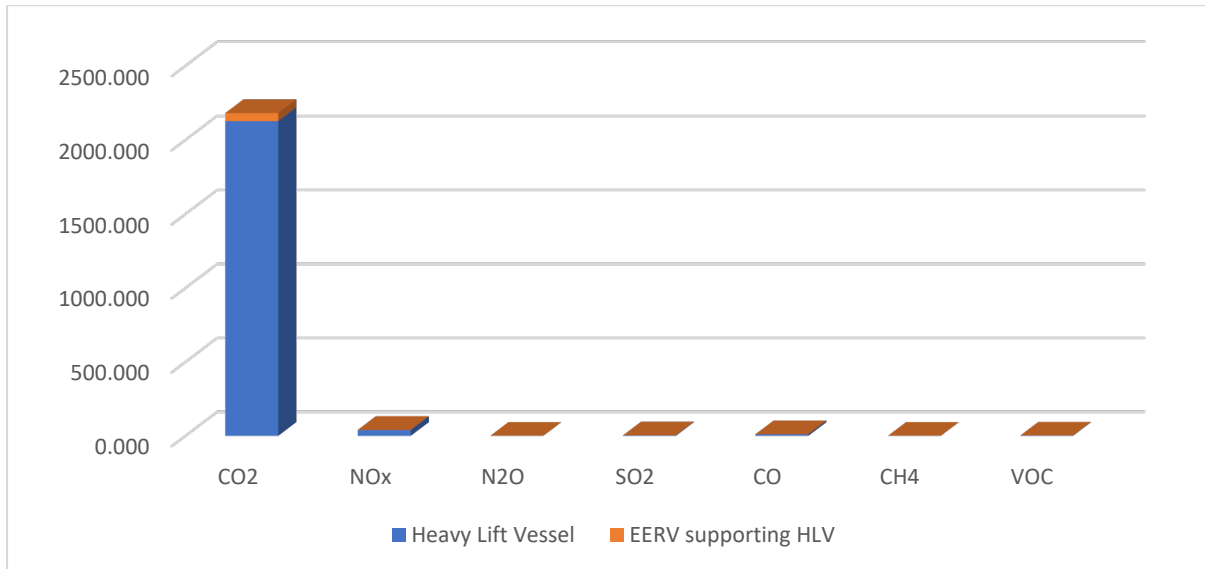
During 2023, there was no production or utility chemical use or discharge on the Schooner platform which was in Cold Suspension.

4.1.2 Atmospheric Emissions

During 2023, a total of ca. 681 tonnes of marine diesel were used to decommission the Schooner platform with 664 tonnes, and 17 tonnes, consumed on the HLV and Emergency Response and Rescue Vessel (EERV), respectively.

Figure 6 illustrates the total atmospheric emissions - comprising carbon dioxide, oxides of nitrogen, oxides of sulphur, carbon monoxide, methane and unburnt Volatile Organic Compounds - generated from the 2023 Schooner HLV and EERV operations. A total of 2,236 tonnes of atmospheric emissions were generated. It can be seen that the HLV contributed the majority (97.5%) of these emissions. In contrast, the quantities of atmospheric emissions generated by the EERV diesel consumption was minimal (2.5%).

Figure 6: Atmospheric emissions generated from the HLV and Schooner standby vessel duties (EERV)



4.1.3 Waste Management

In support of the heavy lift operation at the Schooner platform, minimal quantities of platform waste were returned to shore – comprising approximately 0.3 tonnes of hazardous (electrical) waste and 7 kg of smoke detectors. These items were all recycled.

4.1.4 Marine License

To perform the Schooner decommissioning activities, THREE60 required a Marine licence. In addition, to removal of the Schooner topsides and jacket from the offshore location, the marine licence permitted seabed disturbance from the airlift of soil plugs and removal of mud mats from the seabed. The seabed area impacted from the jacket removal operation was approximately 363 m², or 0.00036 km².

4.1.5 Summary of Reportable Incidents

During 2023 (as in 2022), there were no reportable incidents regarding unplanned hydrocarbon releases, unpermitted use, or discharge of chemicals or PON10 incidents from the Schooner platform.

4.1.6 2023 Key Performance Indicators (KPI)

The 2023 HSE KPIs set for THREE60's Schooner and Ketch activities included:

KPI	Target	Status
Lost Time Injuries / Restricted Work Case / Medical Treatment	0	100%
RIDDOR Reportable incidents	0	100%
Near Miss Incidents	0	0
Environmental Reportable Notifications	0	0
Regulator Enforcement Action	0	100%

As with 2022, during 2023, all of the HSE KPIs were achieved.