



Notice of variation with introductory note

Environmental Permitting (England & Wales) Regulations 2016

BAE Systems Marine Ltd

Barrow Shipyards
Bridge Road
Barrow-in-Furness
Cumbria
LA14 1AF

Variation notice number
EPR/UB3433DW/V005

Permit number
EPR/UB3433DW

Barrow Shipyards

Permit Number EPR/UB3433DW

Introductory note

This introductory note does not form a part of the notice.

The following notice gives notice of the variation of an environmental permit.

The principal changes introduced by this variation are:

- Extension of the permit boundary to incorporate the Devonshire Dock Quay (currently under construction), where testing and commissioning of Dreadnought class submarines will be carried out from the late 2020's. The new quay will not be used until after the Astute class submarine programme is completed.
- Addition of conditions and limits relating to keeping and use of radioactive material (in the form of unsealed sources) and accumulation of radioactive waste. These activities will occur during future testing and commissioning of Dreadnought class submarines at Devonshire Dock Quay, which is situated on the MOD nuclear authorised site but outside the nuclear licensed site.

The Schedules specify the changes made to the original permit. A varied and consolidated environmental permit, reflecting the changes made to the permit, has been issued.

The status log of a permit sets out the permitting history, including any changes to the permit reference number.

Status Log of the permit		
Detail	Date	Comments
Permit BU6808 issued	24/05/04	
Variation BU6808/CA9422 issued	15/11/06	
Variation BU6808/CC2747 issued	07/04/08	
Variation BU6808/CD9259/V001 issued	17/09/10	
Variation BU6808/CD9259/V002 issued	19/07/11	
Revised & consolidated EPR permit EPR/UB3433DW/V001 issued	06/09/13	
Variation EPR/UB3433DW/V002 issued	02/06/16	
Varied & consolidated permit EPR/UB3433DW/V003 issued	01/02/19	
Environment Agency initiated variation EPR/UB3433DW/V004 issued	18/11/19	
Application EPR/UB3433DW/V005 received	07/01/22	
Varied & consolidated permit EPR/UB3433DW/V005 determined & issued	23/08/22	

End of Introductory note

Notice of variation

Environmental Permitting (England and Wales) Regulations 2016

The Environment Agency in exercise of its powers under regulation 20 of the Environmental Permitting (England and Wales) Regulations 2016 varies

Permit number
EPR/UB3433DW

Issued to
BAE Systems Marine Ltd (“the operator”)

whose registered office is
Warwick House
PO Box 87
Farnborough Aerospace Centre
Farnborough
Hampshire
GU14 6YU

company registration number 00229770

to carry on a radioactive substances activity at
Barrow Shipyards
Bridge Road
Barrow-in-Furness
LA14 1AF

to the extent set out in the Schedules.

The notice shall take effect from 01/09/2022.

Name	Date
Claire Cailles	23/08/2022

Authorised on behalf of the Environment Agency

Schedule 1: variations to the permit

The following conditions were varied on the application of the operator:

- The name of the premises has been amended from “Barrow Shipyards Nuclear Site” to “Barrow Shipyards”.
- The introductory note has been amended.

Conditions

- Existing condition 1.1.5 has been retained as condition 1.1.5(a), with a minor amendment to wording, and a new clause (b) has been added.
- Standard conditions relating to keeping and use of radioactive material in the form of unsealed sources have been added. Relevant conditions are 2.1.2, 2.1.3, 2.3.1(a), 2.3.1(c), 2.3.8, 2.3.9 and 4.3.9.
- Existing condition 2.3.1 is retained as condition 2.3.1(b).
- Standard conditions relating to accumulation of radioactive waste have been added. Relevant conditions are 2.7.1, 2.7.2, 2.7.3 and 4.3.9.

Schedules

- Schedule 1, Table S1.1 – activities A3 and A4 have been added, and the limit of specified activity has been updated.
- Schedule 1, Table S1.3 – two pre-operational conditions have been added which require BAE Systems Marine Ltd to demonstrate that appropriate management arrangements are in place prior to the first testing and commissioning activities taking place at Devonshire Dock Quay.
- Schedule 2, Table S2.1 – limits for holdings of unsealed sources have been added. These only apply on the nuclear authorised site.
- Schedule 3, Table S3.1 – limits for accumulation of radioactive waste (solid & liquid) have been added to a new Schedule 3. These only apply on the MoD Nuclear Authorised Site.
- Existing Schedules 3-7 have been renumbered as Schedules 4-8, following the addition of a new Schedule 3 as above.
- Schedule 4, Table S4.1 – the location of gaseous discharge outlets A2 and A3 will change when commissioning of Astute boats is completed, but the description of the outlets remains valid.
- Schedule 4, Table S4.3 – references to the Transfrontier Shipment of Radioactive Waste and Spent Fuel Regulations 2008 in Table S4.4 have been updated to the Transfrontier Shipment of Radioactive Waste and Spent Fuel (EU Exit) Regulations 2019.
- Schedule 4, Table S4.4 – this table has been deleted. Conditions in the permit require the operator to document and use best available techniques (BAT) to monitor discharges.

Amended plan

- The permit boundary has been extended to include Devonshire Dock Quay, which is part of the MOD Nuclear Authorised Site but not part of the Nuclear Licensed Site. An updated site plan is included in Schedule 8.

All conditions of permit EPR/UB3433DW/V004 have been replaced by Parts 1-4 and Schedules 1-8 of the consolidated permit.

Schedule 2: varied and consolidated permit

A varied and consolidated permit has been separately issued.