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**RADIATION (EMERGENCY PREPAREDNESS AND PUBLIC INFORMATION) REGULATIONS
2001 (REPPIR) - PORTSMOUTH OPERATIONAL BERTHS EMERGENCY PLANNING AND
PRIOR INFORMATION AREAS**

Dear Captain Jessop,

As you are aware, ONR has been re-determining the REPPIR off-site emergency planning area⁽¹⁾ and the area within which prior information is to be supplied to members of the public⁽²⁾ around the Portsmouth Operational Berths as prescribed in REPPIR regulations 9(1) and 16(1) respectively.

This process was initiated by the Declaration of No Change sent to ONR by Navy Command (MOD) through the Defence Nuclear Safety Regulator (DNSR) relating to the Report of Assessment (RoA) for the naval reactor plant.

This determination also takes cognisance of ONR's principles for the determination⁽³⁾ of such areas and this letter is to inform Navy Command (MOD), as the dutyholder with responsibility under REPPIR for supplying prior information to members of the public around the Portsmouth Operational Berths, of the following:

1. ONR notes that, in accordance with the requirements of REPPIR regulations 5 and 6, Navy Command (MOD) has reviewed its Hazard Identification and Risk Evaluation and Report of Assessment (RoA) for the naval reactor plant, and has submitted through DNSR a Declaration of No Change as provided under regulation 5(2) of REPPIR to ONR.
2. ONR has completed its assessment of the Declaration of No Change submission and concluded that it satisfies the requirements of regulation 6(4) and Schedule 5 of REPPIR, and that an off-site emergency plan continues to be required.
3. In accordance with regulations 9(1) and 16(1) of REPPIR 2001, ONR has determined the REPPIR off-site emergency planning and prior information areas around the Portsmouth Operational Berths as the areas within the red line on maps A, B and C attached to this letter. The areas defined by this map may be generally described as:
 - *An area extending beyond the minimum radial distance of 1.5 km from the centre points of the HM Naval Base operational berths, where the boundary follows, in the main, the existing off-site emergency plan boundary, the inner edges of roads, property fence lines, property boundaries and distinctive pathways on land. It*



includes parts of Portsmouth and Gosport, all of Whale Island to the north of the jetties, and Haslar Marina to the south.

- *The combined area based on 1.5 km radius circles from the Spithead No 5, No 6 and No. 7 anchorage points, and the Spitsand (Spithead), and No Man's Land sea forts.*
 - *The area of 1.5 km radius from the Stokes Bay C anchorage point.*
4. The enhanced planning area reflects the site specific application of ONR's revised principles and related guidance for determination of REPPiR off-site emergency planning areas (which were revised in 2013 and published on the ONR website in January 2014), and consideration of the existing off-site emergency planning area that extended beyond the minimum required circular area. The area is now defined by geographical features and the consideration of adjacent vulnerable communities. This represents the area within which additional off-site emergency planning would be of benefit in protecting the public and restricting exposures so far as is reasonably practicable in the event of a reasonably foreseeable radiation emergency. The changes are part of ONR's continuous improvement process to review emergency planning for the protection of the public in the unlikely event of a radiation emergency.
 5. In addition to arrangements under REPPiR, the Defence Nuclear Safety Regulator requires under formal Authorisation Conditions (that are closely aligned with ONR Licence Conditions) adequate arrangements for dealing with any accident or emergency arising at the berth and its effects⁽⁴⁾, these arrangements are implemented by Navy Command (MoD)
 6. For your information, in accordance with regulation 9(1), ONR has also re-determined the REPPiR off-site emergency planning area⁽⁵⁾ as the same area identified within the red line on the maps attached to this letter. Portsmouth City Council has the duty to revise its off-site emergency plans for this area, and a copy of the letter advising them of this is also attached.

Yours sincerely,

[Redacted signature block containing three horizontal black bars]

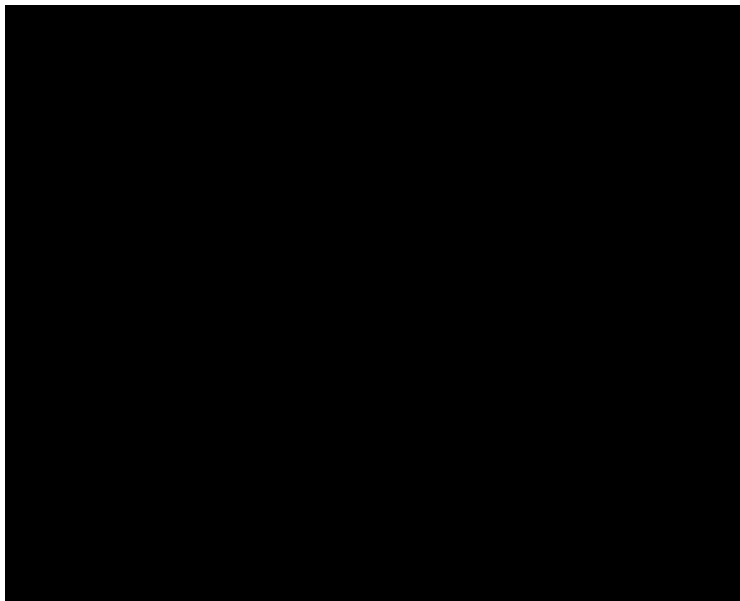


Referenced Explanatory Notes:

- (1) The Portsmouth Operational Berth REPPiR off-site emergency planning area is the area for which Portsmouth City Council as the lead local authority, is required, under REPPiR regulation 9(1), to produce an off-site emergency plan for the protection of persons who are, or potentially may be, located in this area in the event of a radiation emergency. The plans will include public information and a range of countermeasures and other protection measures relevant and proportionate to the radiological hazards associated with the berthed or anchored nuclear powered submarine at appropriate locations within all or part of this area. In developing the REPPiR off-site emergency plan, the local authority is required to consult a range of persons including the operators, ONR, the emergency services, the relevant health authority, and such other persons, bodies and authorities and members of the public as it considers appropriate.
- (2) The Portsmouth Operational Berths REPPiR off-site prior information area is the area within which the operator is required under REPPiR regulation 16(1) to supply to members of the public as a minimum, in an appropriate manner and without their having to request it, the information specified in Schedule 9. The operator shall also make that information publicly available
- (3) ONR's revised principles for determination of REPPiR off-site emergency planning areas can be found at: <http://www.onr.org.uk/depz-onr-principles.htm>
- (4) Navy Command's on-site plan and its contribution to the off-site plan (eg. assistance with urgent countermeasures), and the off-site emergency plan put in place by the local authority, would be complemented by wider food restrictions as determined by the Food Standards Agency in accordance with the Food and Environment Protection Act, 1985.
- (5) The REPPiR off-site emergency planning area referred to in this letter is identified as the 'Detailed Emergency Planning Zone' (DEPZ) and comprises of a minimum distance of 1.5 km from the operational berth, in the Council's current PORTSAFE Off-site Emergency Plan for the berths

Distribution

Navy Command
Portsmouth City Council
Gosport Borough Council:
Hampshire County Council
Defence Nuclear Safety Regulator
Queens Harbour Master Portsmouth
Maritime and Coastguard Agency:
Environment Agency
Food Standards Agency
Department of Energy & Climate
Change
ONR



Map A: PORTSMOUTH OPERATIONAL BERTHS (Portsmouth and Gosport area) REPPIR regulations 9(1) and 16(1) Off-site Emergency Planning and Off-site Prior Information Areas from 9th February 2016

The area defined by this map may be generally described as:

An area extending beyond the minimum radial distance of 1.5 km from the centre points of the HM Naval Base operational berths, where the boundary follows, in the main, the existing off-site emergency plan boundary, the inner edges of roads, property fence lines, property boundaries and distinctive pathways on land. It includes parts of Portsmouth and Gosport, all of Whale Island to the north of the jetties, and Haslar Marina to the south.

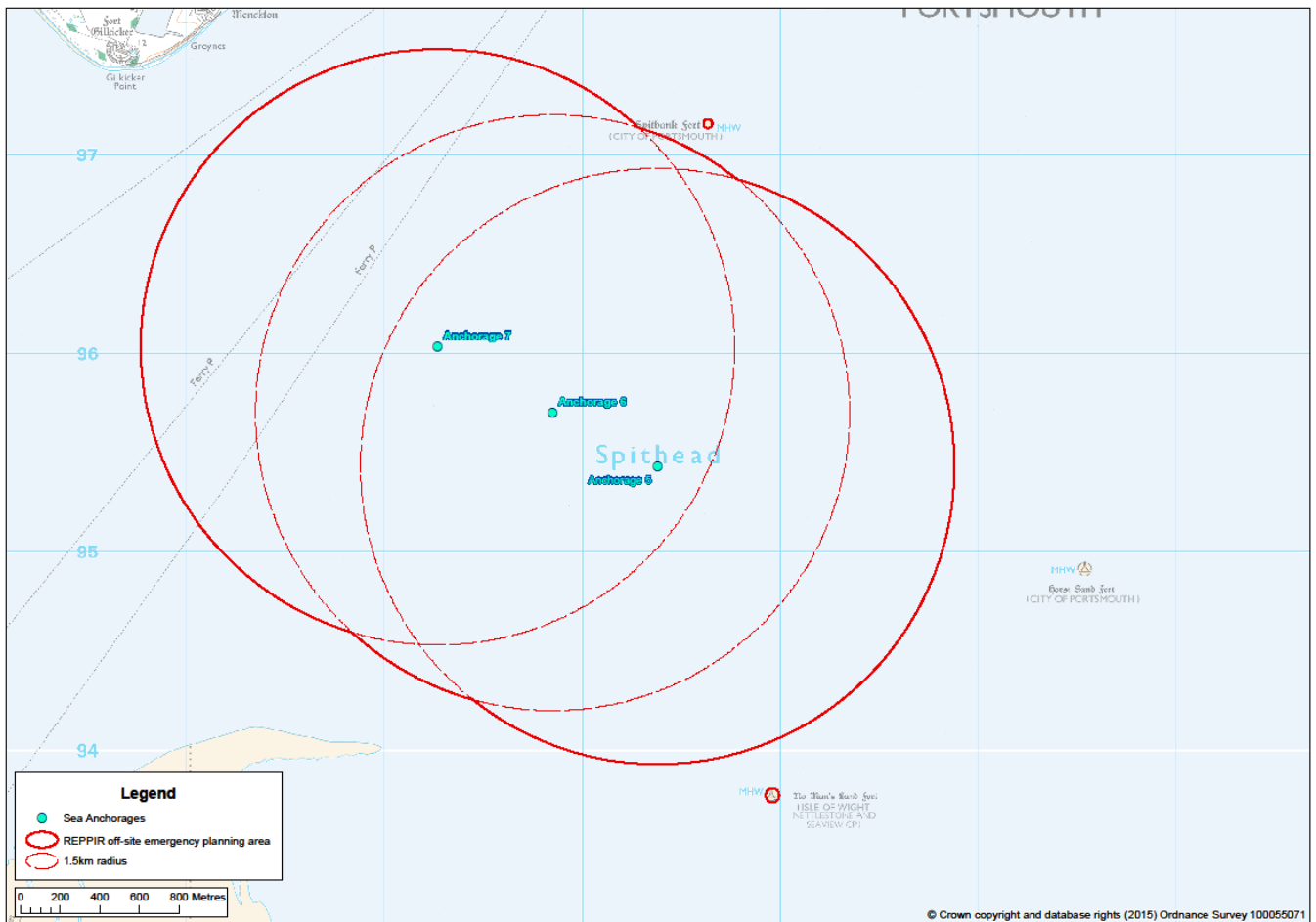




Map B: PORTSMOUTH OPERATIONAL BERTHS (Spithead Anchorages) REPIR regulations 9(1) and 16(1) Off-site Emergency Planning and Off-site Prior Information Areas from 9th February 2016

The area defined by this map may be described as:

The combined area based on 1.5 km radius circles from the Spithead No 5, No 6 and No. 7 anchorage points, and the Spitsand (Spithead) and No Man's Land sea forts.





Map C: PORTSMOUTH OPERATIONAL BERTHS (Stoke Bay C Anchorage) REPIR regulations 9(1) and 16(1) Off-site Emergency Planning and Off-site Prior Information Areas from 9th February 2016

The area defined by this map may be described as:

The area of 1.5 km radius from the Stokes Bay C anchorage point.

