



**AQUIND Limited**

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# **AQUIND INTERCONNECTOR**

Environmental Statement Addendum 3 –  
Appendix 5.26 Updated Appendix 14.4  
Marine Archaeology

The Planning Act 2008

The Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations  
2009 – Regulation 5(2)(a)

The Infrastructure Planning (Environmental Impact Assessment) Regulations 2017

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Appendix 5.26 Updated Appendix 14.4  
Marine Archaeology

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## APPENDIX 14.4 MARINE ARCHAEOLOGY CUMULATIVE ASSESSMENT MATRIX

- 2.1.1.1 This document is a 2023 updated revision (Rev. 002) of the Appendix 14.4 to Chapter 14 (Marine Archaeology) that was presented in 2019. This updated document is presented as an appendix to ES Addendum 3.
- 1.1.1.1 This document should be read in conjunction with ES Addendum 3, Chapter 14 (Marine Archaeology) of the Environmental Statement ('ES') Volume 1 (document reference 6.1.14) and the Chapter 29 (Cumulative Effects) of the Environmental Statement ('ES') Volume 1 (document reference 6.1.29).
- 1.1.1.2 Project/plans shown in Figures 29.1-29.5 of the ES Volume 2 (document references 6.2.29.1, 6.2.29.2, 6.2.29.3, 6.2.29.4 and 6.2.29.5) and in Table 1 below have been sourced from interrogation of the Marine Management Organisation's ('MMO') Marine Information System<sup>1</sup>, from the Planning Inspectorate's ('PINS') Programme of Projects, relevant Local Planning Authority ('LPA') planning portals and where relevant the Crown Estate Maps and Geographical Information System ('GIS') information.
- 1.1.1.3 Further to the review of cumulative projects and assessments undertaken in May 2020 which also identified and assessed two additional projects and Rampion 2 had submitted a scoping report (Section 20.2 of 7.8.1 ES Addendum), this list below has been updated on 14 March 2023 and the following updates to Stage 1 and 2 assessments are presented, as follows:
- Projects that are no longer in the datasets or where applications have been refused have strikethroughs in the matrix and are coloured **red**. These projects no longer have valid marine licences/permissions and are considered to be removed from the cumulative scenario as a result. In addition, projects where the permission/licence end dates are before September 2024 also have strikethroughs and are coloured **red**, as the revised indicative construction programme for the Proposed Development is Q4 2024-2026 (which is identified to be the earliest point at which construction could commence) and therefore, those projects will be completed prior to construction works for the Proposed Development having begun. None of these projects have been identified as new receptors and projects that have been completed will not result in any changes to the baseline that has already been assessed.
  - New projects that have come forward have been included within the matrix below and are illustrated as Figures 29.1A – 29.3A, 29.4A, and 29.5A. New projects were included where licence end dates fell beyond September 2024 and where the marine works fell within the Zones of Influence and were of a nature and scale to be considered for cumulative assessment. In addition, where project updates are available these have been taken into account and included below. These projects and any changes made in respect of projects previously identified and which remain relevant are coloured in **green**.
- 1.1.1.4 Further information relating to each item can be obtained through the MMO, PINS website and LPA planning portal. Distances are approximate (using GIS) and are measured from the closest point of the project/plan polygon as shown on the MMO Marine Information System (where relevant) to the closest point of the Marine Cable Corridor shapefile (see Figure 3.1 of the ES Volume 2, document reference 6.2.3.1).
- 1.1.1.5 The ID numbers in Table 1 represent the relevant polygon numbers as shown in the figures, where the project is located. ID numbers with \* indicate that they are not illustrated on the figures as no spatial data were found within the spatial datasets sourced but information was found online.
- 1.1.1.6 The Zone of Influence ('ZOI') is considered to be the spatial extent of the Marine Cable Corridor within the UK Marine Area.
- 1.1.1.7 Projects identified in the long list in Table 1 falling within the ZOI were screened in for further consideration.
- 1.1.1.8 The Planning Inspectorate Cumulative Effect Assessment Matrix (Appendix 1) from Advice note 17<sup>2</sup> has been used in compiling this data.

The PINS matrix uses three tiers to classify the stage of a project:

<sup>1</sup> MMO. (2023). Marine Information System. [Online]. Available at: <http://defra.maps.arcgis.com/apps/webappviewer/index.html?id=3dc94e81a22e41a6ace0bd327af4f346>

<sup>2</sup> <https://infrastructure.planninginspectorate.gov.uk/legislation-and-advice/advice-notes/>

- Tier 1, projects that are: under construction<sup>3</sup>; permitted application(s), whether under the Planning Act 2008 or other regimes, but not yet implemented; submitted application(s) whether under the Planning Act 2008 or other regimes but not yet determined;
- Tier 2, projects that are on the Planning Inspectorate's Programme of Projects where a scoping report has been submitted.
- Tier 3, projects that are: on the Planning Inspectorate's Programme of Projects where a scoping report has not been submitted; identified in the relevant Development Plan (and emerging Development Plans - with appropriate weight being given as they move closer to adoption) recognising that much information on any relevant proposals will be limited; identified in other plans and programmes (as appropriate) which set the framework for future development consents/approvals, where such development is reasonably likely to come forward.

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<sup>3</sup> Where other projects are expected to be completed before construction of the proposed Nationally Significant Infrastructure Project ('NSIP') and the effects of those projects are fully determined, effects arising from them should be considered as part of the baseline and may be considered as part of both the construction and operational assessment. The ES should clearly distinguish between projects forming part of the baseline and those in the Cumulative Effects Assessment ('CEA').

Table 1 – Cumulative Assessment Matrix (ID Nos with \* indicate that they are not illustrated on the accompanying figures as no spatial data was found within the datasets sourced but information was found online).

Cumulative Projects					Stage 1		Stage 2			
ID No.	Application /Case Ref.	Applicant and Brief Description	Distance from Project (km)	Tier	Within Zone of influence (ZOI)?	Progress to stage 2?	Overlap in temporal scope?	Scale and nature of development likely to be significant effect?	Other Factors	Progress to Stage 3/4?
<b>Major Projects (Offshore Wind Farms, Interconnector Cables, Oil and Gas) – Figures 29.1 and 29.2</b>										
1	None	AQUIND Interconnector in French Exclusive Economic Zone ('EEZ') and French territorial waters.	0	2	No	No				
N/A	None	AQUIND Interconnector Unexploded Ordnance ('UXO') Clearance	0	1	Yes	Yes	No Timescales and any requirements for UXO clearance for the AQUIND Interconnector are unknown at this stage. However, it is currently expected that should the works be required i.e. UXOs are identified in the Marine Cable Corridor and can't be micro-sited around, they will be undertaken prior to the commencement of the construction phase of the Proposed Development.  Applicant will monitor the progress of the development of these plans and should further information become available it will be assessed if required. It is otherwise anticipated that a cumulative assessment would be undertaken including both projects as part of any application for UXO clearance work, where required.	No	It is not currently known if any UXOs will be identified and if so whether they will need to be removed and how e.g. do they need to be detonated.  In the absence of detail regarding what, if any, UXO clearance will be required e.g. how many UXOs, where they are located, and how they will be cleared, it is considered it is not possible to undertake a meaningful assessment of the possible cumulative effects.  Should a UXO licence be required, it will be subject to the relevant Environmental Impact Assessment ('EIA') and Habitats Regulations Assessment ('HRA') requirements including the needs to consider cumulative / in combination effects.	No
2	DCO/2013/00006 EN010032	Rampion Offshore Wind Limited, Rampion Wind Farm	13.64	1	No	No	Offshore Windfarm ('OWF') is now fully operational			

Cumulative Projects					Stage 1		Stage 2			
ID No.	Application /Case Ref.	Applicant and Brief Description	Distance from Project (km)	Tier	Within Zone of influence (ZOI)?	Progress to stage 2?	Overlap in temporal scope?	Scale and nature of development likely to be significant effect?	Other Factors	Progress to Stage 3/4?
3	EN010117	RWE / Rampion offshore wind limited, Rampion Wind Farm Extension	0 (extension area overlaps Proposed Development)	2	Yes	Yes	<p>Construction at Rampion<sup>4</sup> is due to start in 2026, so there is possible overlap with UXO and boulder clearance work (Section 4.5 of Rampion 2 PEIR Chapter 4 The Proposed Development<sup>5</sup>) as the commencement of construction of the Proposed Development is indicatively 2024. The potential overlap of activities will not lead to significant increases in environmental effects due to the small scale of works that may have temporal overlap. Furthermore, the Rampion 2 works will be operating over the whole of their site boundary whereas the Proposed Development works would be highly localised to the Marine Cable Corridor.</p> <p>The marine archaeology baseline will be unaffected by this project.</p>	<p>Direct cumulative effects on marine archaeological receptors have the potential to occur where the Proposed Development and the proposed Rampion OWF Extension overlap. It is assumed that any known seabed features would have been avoided during the development process for Rampion 2, as these would constitute engineering hazards. Rampion OWF Extension is undertaking an EIA, and therefore any significant direct impacts will be mitigated to avoid significant effects. The Proposed Development (AQUIND) has committed to avoiding anomalies where possible through micro-routing or additional investigation as outlined in the Written Scheme of Investigation (WSI) (Appendix 14.3). Any discrete archaeological sites and unknown sites encountered by chance during the installation of the Proposed Development or proposed Rampion OWF Extension, will be too small to be subject to impact interactions arising from combined effects. Additionally, a Protocol for Archaeological Discoveries (PAD) has been committed to as mitigation against any unknown site discovered during installation (Appendix 14.3).</p>	<p>Within the Rampion 2 PEIR that was consulted on in 2021, Chapter 4 The Proposed Development, paragraph 4.3.21 identifies that consent for boulder clearance and UXO removal will be sought in a separate future Marine Licence application. A search on the MMO Public Register (17/03/2023) has not revealed any applications of this nature to date by Rampion 2. As such, it would be difficult to undertake any meaningful assessment as it would be reliant upon the information within that application.</p>	No

<sup>4</sup> [REDACTED] through direct consultation meeting with Rampion 2 Project Team in end of year 2021.

<sup>5</sup> [REDACTED]

Cumulative Projects					Stage 1		Stage 2			
ID No.	Application /Case Ref.	Applicant and Brief Description	Distance from Project (km)	Tier	Within Zone of influence (ZOI)?	Progress to stage 2?	Overlap in temporal scope?	Scale and nature of development likely to be significant effect?	Other Factors	Progress to Stage 3/4?
								Changes in local scouring and sedimentation patterns may lead to increased exposure or burial of marine archaeological assets but this potential impact has been assessed to be negligible.  Therefore, it is concluded that there will be no significant adverse cumulative effects.		
4		LEMS (Engie), Dieppe - Le Tréport	58.99	1	No	No				
5		Fécamp Offshore Wind Farm - in French EEZ	33.17	3	No	No				
6		<del>Cote d'Albatre OWF</del>	<del>42.52</del>	<del>1</del>	<del>No</del>	<del>No</del>	<del>No recent information</del>			
7	MLA/2016/00209/2	NATIONAL GRID IFA2 LTD, IFA2 Electricity Interconnector	0.44	1	No	No	Licence end date January 2117. Construction was completed in 2020 therefore no overlap in temporal scope (programme for commencement of construction of the Proposed Development is for 2024). The marine archaeology baseline will be unaffected by this project.	No. There is no overlap.		
8	<del>MLA/2018/00470</del>	<del>NATIONAL GRID IFA2 LIMITED, IFA2 Interconnector— Unexploded Ordnance Activities— DC cables redline</del>	<del>0.44</del>	<del>1</del>	<del>No</del>	<del>No</del>	<del>Licence exp 12/2020 so works will be complete before work on the Proposed Development commences. (worse case programme for construction of the Proposed Development is for 2021-2023). No overlap.</del>			
9	<del>MLA/2018/00470</del>	<del>NATIONAL GRID IFA2 LIMITED, IFA2 Interconnector— Unexploded Ordnance Activities— AC cables redline</del>	<del>12.84</del>	<del>1</del>	<del>No</del>	<del>No</del>	<del>Licence exp 12/2020 so works will be complete before work on the Proposed Development commences. (worse case programme for construction of the Proposed Development is for 2021-2023). No overlap.</del>			
10	<del>MLA/2018/00470</del>	<del>NATIONAL GRID IFA2 LIMITED,</del>	<del>5.53</del>	<del>1</del>	<del>No</del>	<del>No</del>	<del>Licence exp 12/2020 so works will be complete</del>			

Cumulative Projects					Stage 1		Stage 2			
ID No.	Application /Case Ref.	Applicant and Brief Description	Distance from Project (km)	Tier	Within Zone of influence (ZOI)?	Progress to stage 2?	Overlap in temporal scope?	Scale and nature of development likely to be significant effect?	Other Factors	Progress to Stage 3/4?
		<del>IFA2 Interconnector—Unexploded Ordnance Activities—Solent detonation zone</del>					<del>before work on the Proposed Development commences. (worse case programme for construction of the Proposed Development is for 2021-2023).—No overlap.</del>			
11	MLA/2019/00017	NATIONAL GRID IFA 2 LIMITED, <del>IFA2 Interconnector—Temporary Investigative Trial Pits</del>	12.94	1	No	No	<del>Licence exp 02/2020 so works will be complete before work on the Proposed Development commences. (worse case programme for construction of the Proposed Development is for 2021-2023).—No overlap.</del>			
12*		Oil and Gas Authority (OGA) 31st Offshore Licensing Round Blocks for this round were awarded on 04/06/2019. The blocks that were previously intersecting the Proposed Development 99/12, 99/13 and 99/14, were not awarded a licence.  Awarded blocks 98/12 & 98/11b were awarded to Corallian Energy Ltd and are the closest blocks which are greater than 41 km to the west of the Proposed Development.	>41	3	No	No				
<b>Aggregate Dredging Projects – Figure 29.3</b>										
A	L/2019/00089/1 Area 1803 Bassurelle Extension, Site BX 458	CEMEX Marine UK ltd - Area 1803 Bassurelle Extension, Site BX 464	22.45	1	No	No	Licence end date 2041			
B	L/2019/00089/1	CEMEX Marine UK ltd - Area 1803 Bassurelle Extension, Site BX 464	30.52	1	No	No	Licence end date 2041			
C	MLA/2021/00472 L/2022/00463/1	TARMAC MARINE DREDGING LIMITED - Area 458/464	32.32	1	No	No	Licence end date 2043			



Cumulative Projects					Stage 1		Stage 2			
ID No.	Application /Case Ref.	Applicant and Brief Description	Distance from Project (km)	Tier	Within Zone of influence (ZOI)?	Progress to stage 2?	Overlap in temporal scope?	Scale and nature of development likely to be significant effect?	Other Factors	Progress to Stage 3/4?
D	MLA/2021/00473 L/2022/00379/1	CEMEX Marine UK Ltd Area 458/464	34.13	1	No	No	Licence end date 2043			
E	MLA/2020/00238 L/2021/00314/1	SEA AGGREGATES LIMITED Area 529	37.16	1	No	No	Licence end date 2042			
F	L/2012/00285/5 09999/92501/5	HANSON AGGREGATES MARINE LIMITED Area 460	59.98	1	No	No	Licence end date 2034			
13	MLA/2012/00302/5	Westminster Gravels Ltd, Marine aggregate dredging licence Area 451 renewal	6.29	1	No	No	Licence end date 2028			
14	MLA/2012/00319/6	Volker Dredging Ltd, Area 340 15 Year Marine Licence	12.45	1	No	No	Licence exp 2035			
15	MLA/2012/00320/6	Cemex UK Marine Ltd, Area 340 full term licence application	12.45	1	No	No	Licence exp 2035			
16	MLA/2012/00374/5	Tarmac Marine Dredging Ltd, Area 351 Full Term Licence Application	3.53	1	No	No	Licence exp 2035			
17	MLA/2012/00375/4	Volker Dredging Ltd, Area 351 Full Term Licence Application	3.53	1	No	No	Licence exp 2035			
18	MLA/2014/00306/1	Tarmac Marine Dredging Limited, Area 396 Inner Owers	7.25	1	No	No	Licence exp 2030			
19	MLA/2014/00306/1	Tarmac Marine Dredging Limited, Area 396 Inner Owers	10.76	1	No	No	Licence exp 2030			
20	MLA/2014/00307/1	Hanson Aggregates Marine Limited, Area 435/1	7.33	1	No	No	Licence exp 2037			
21	MLA/2014/00307/1	Hanson Aggregates Marine Limited, Area 435/2	9.01	1	No	No	Licence exp 2037			
22	<del>34276/081209/5</del>	<del>DEME Building Materials NV, Aggregate Extraction Area 478</del>	<del>4.39</del>	<del>1</del>	<del>No</del>	<del>No</del>	<del>Licence end date 2024</del>			
23	34328/090206/7	Volker Dredging Ltd, Aggregate Extraction Area 461	1.95	1	No	No	Licence end date 2042			
24	<del>34400/090416/12</del>	<del>HANSON AGGREGATES MARINE LTD,</del>	<del>6.37</del>	<del>1</del>	<del>No</del>	<del>No</del>	<del>Licence end 2021-</del>			

Cumulative Projects					Stage 1		Stage 2			
ID No.	Application /Case Ref.	Applicant and Brief Description	Distance from Project (km)	Tier	Within Zone of influence (ZOI)?	Progress to stage 2?	Overlap in temporal scope?	Scale and nature of development likely to be significant effect?	Other Factors	Progress to Stage 3/4?
		<del>Aggregate Extraction Areas Area 475</del>								
25	34400/090416/12 MLA/2021/00177 for 473-1 and 473-2  The three southerly polygons for Project ID no. 25 shown on Figure 29.3A are no longer valid projects.	HANSON AGGREGATES MARINE LTD, Aggregate Extraction Areas <del>473</del> 474 East, West and Central	22.18	1	No	No	Licence end date 2041			
26	MLA/2012/00195/5	TARMAC MARINE DREDGING LIMITED, Aggregate dredging Area 395 licence renewal – Area 395/2	2.64	1	No	No	Licence end date 2027			
27	MLA/2012/00197/6	AGGREGATE INDUSTRIES UK LIMITED, Aggregate dredging Area 395 licence renewal – Area 395/1	2.34	1	No	No	Licence exp 2034			
28	MLA/2015/00431/1	TARMAC MARINE DREDGING LIMITED, Area 488	10.51	1	No	No	Licence exp 2037. Licence restrictions mean that work can only be undertaken between 01/04 and 30/06			
29	MLA/2015/00432/1	CEMEX UK MARINE LIMITED, Area 453	12.21	1	No	No	Licence exp 2037. Licence restrictions mean that work can only be undertaken between 01/04 and 30/06 in Zone A and between 01/04 and 31/07 in Zone B			
30	MLA/2017/00227	HANSON AGGREGATES MARINE LIMITED, Marine Aggregate Extraction at Area 372/1	8.66	1	No	No				
31	MLA/2011/00302/1	CEMEX UK MARINE LIMITED, Area 407	22.48	1	No	No	Licence exp 2034			
32		Saint – Nicolas West French Aggregate area	2.88	1	No	No	Licence issued 2013 for 30 years therefore there is potential for overlap in temporal scope (programme for commencement of construction of the Proposed Development is indicatively 2024).			
33		Saint – Nicolas East French Aggregate area	4.16	1	No	No	Licence issued 2013 for 30 years therefore there is potential for overlap in temporal scope (programme			

Cumulative Projects					Stage 1		Stage 2			
ID No.	Application /Case Ref.	Applicant and Brief Description	Distance from Project (km)	Tier	Within Zone of influence (ZOI)?	Progress to stage 2?	Overlap in temporal scope?	Scale and nature of development likely to be significant effect?	Other Factors	Progress to Stage 3/4?
							for commencement of construction of the Proposed Development is indicatively 2024).			
34		Cote d'Albatre Zone B French Aggregate area	23.37	1	No	No				
<b>Dredging and Disposal Projects – Figure 29.4</b>										
A	MLA/2021/00221/1 and /00041/2	PORTSMOUTH INTERNATIONAL PORT Portsmouth International Harbour Dredging	4.52	1	No	No	Licence end date 2032			
B	MLA/2021/00080	Boatfolk Marinas Ltd Haslar Marine Maintenance Dredging	5.38	1	No	No	Licence end date 2031			
C	MLA/2021/00530	RRNSA Moorings Ltd. NSA Moorings Maintenance Dredging	5.33	1	No	No	Licence end date 2032			
D	MLA/2016/00341/3	BP OIL UK Ltd. Hamble Jetty maintenance dredging	21.24	1	No	No	Licence end date 2027			
35		NAB Tower Disposal Site (W1060){HH13}	7.97	1	No	No	Various licences dispose here at various times in the year so overlap is likely			
36		Treloar Hole Disposal Site (WI046)	5.7	1	No	No	This is a smaller area than the NAB Tower disposal site and is located in the entrance area to Chichester Harbour. Various licences dispose here at various times in the year so overlap is likely			
<del>37</del>	<del>MLA/2017/00174/1</del>	<del>PORTSMOUTH CITY COUNCIL, Portsmouth International Ferry Port – Berth 2 Deepening</del>	<del>5.4</del>	<del>1</del>	<del>No</del>	<del>No</del>				
<del>38</del>	<del>MLA/2016/00143/2</del>	<del>BOSKALIS WESTMINSTER LTD, Disposal to Nab Tower W1060 of surplus sand and gravel used in the construction of East Cowes Breakwater</del>	<del>17.96</del>	<del>1</del>	<del>No</del>	<del>No</del>	<del>Licence exp 12/2019 so works will be complete before work on the Proposed Development commences. (worse case programme for construction of the Proposed Development is for 2021-2023). No overlap.</del>			

Cumulative Projects					Stage 1		Stage 2			
ID No.	Application /Case Ref.	Applicant and Brief Description	Distance from Project (km)	Tier	Within Zone of influence (ZOI)?	Progress to stage 2?	Overlap in temporal scope?	Scale and nature of development likely to be significant effect?	Other Factors	Progress to Stage 3/4?
39	MLA/2013/00371/2	COWES YACHT HAVEN, Maintenance Dredging 2014—South Basin	18.19	1	No	No	Licence exp 05/2020 so works will be complete before work on the Proposed Development commences. (worse case programme for construction of the Proposed Development is for 2021-2023). No overlap.			
40	MLA/2013/00371/2	COWES YACHT HAVEN, Maintenance Dredging 2015—North Basin	18.24	1	No	No	Licence exp 05/2020 so works will be complete before work on the Proposed Development commences. (worse case programme for construction of the Proposed Development is for 2021-2023). No overlap.			MLA/2013/00371/2
41	MLA/2016/00036/2	PORTSMOUTH NAVAL BASE PROPERTY TRUST, Portsmouth Heritage Pontoon and HMS Warrior Dredging and Construction Works—Heritage Pontoon Area dredging	5.55	1	No	No				
42	MLA/2016/00036/2	PORTSMOUTH NAVAL BASE PROPERTY TRUST, Portsmouth Heritage Pontoon and HMS Warrior Dredging and Construction Works—HMS Warrior dredging	5.51	1	No	No				
43	MLA/2018/00167	PREMIER MARINAS (GOSPORT) LIMITED, Gosport Marina—Endeavour Quay Link Pontoon Dredge—Keel Pocket	5.91	1	No	No				
44	MLA/2018/00167	PREMIER MARINAS (GOSPORT) LIMITED, Gosport Marina—Endeavour Quay Link Pontoon Dredge—Link Pontoon	5.53	1	No	No				
45	MLA/2016/00433/1	KENDALL BROS. (PORTSMOUTH) LIMITED,	5.21	1	No	No				

Cumulative Projects					Stage 1		Stage 2			
ID No.	Application /Case Ref.	Applicant and Brief Description	Distance from Project (km)	Tier	Within Zone of influence (ZOI)?	Progress to stage 2?	Overlap in temporal scope?	Scale and nature of development likely to be significant effect?	Other Factors	Progress to Stage 3/4?
		Maintenance Dredging at Kendall's Wharf								
46	MLA/2016/00255/2	DEAN & REDDYHOFF LIMITED, Haslar Marina Maintenance Dredge	5.7	1	No	No				
47	MLA/2015/00426/2	THORNHAM MARINA LIMITED, Thornham Marine Maintenance Dredge	10.31	1	No	No				
48	MLA/2016/00195/1	CASTLE MARINAS LIMITED, Birdham Pool-Basin Dredge, Revetment and Pontoons—Basin Dredge	11.78	1	No	No	Licence exp 2022.  Licence restrictions mean that they cannot undertake work during freezing conditions under a Winter Wildfowling Ban.			
49	MLA/2013/00321/3	PREMIER MARINAS (HAMBLE) LIMITED, Swanwick Marina Maintenance Dredge & Lifting Dock	21.67	1	No	No				
50	MLA/2013/00216/4	HOME AND COMMUNITIES AGENCY, Cowes Outer Harbour Project Dredge disposal renewal—fairway dredge area	18.06	1	No	No				
51	MLA/2013/00216/4	HOME AND COMMUNITIES AGENCY, Cowes Outer Harbour Project Dredge disposal renewal—Mooring field dredge area	18.02	1	No	No				
52	MLA/2013/00216/4	HOME AND COMMUNITIES AGENCY, Cowes Outer Harbour Project Dredge disposal renewal—Eastern Channel Dredge Area	17.87	1	No	No				
53	MLA/2013/00216/4	HOME AND COMMUNITIES AGENCY, Cowes Outer Harbour Project Dredge disposal renewal—Marina Basin Dredge Area	17.83	1	No	No				
54	MLA/2013/00216/4	HOME AND COMMUNITIES AGENCY, Cowes Outer Harbour	18.51	1	No	No				

Cumulative Projects					Stage 1		Stage 2			
ID No.	Application /Case Ref.	Applicant and Brief Description	Distance from Project (km)	Tier	Within Zone of influence (ZOI)?	Progress to stage 2?	Overlap in temporal scope?	Scale and nature of development likely to be significant effect?	Other Factors	Progress to Stage 3/4?
		Project Dredge disposal renewal – No1 Buoy Bank Dredge Area								
55	MLA/2013/00216/4	HOME AND COMMUNITIES AGENCY, Cowes Outer Harbour Project Dredge disposal renewal – No1 Buoy Bank West	18.60	1	No	No				
56	MLA/2013/00216/4	HOME AND COMMUNITIES AGENCY, Cowes Outer Harbour Project Dredge disposal renewal – Trinity Landing	18.40	1	No	No				
57	MLA/2013/00216/4	HOME AND COMMUNITIES AGENCY, Cowes Outer Harbour Project Dredge disposal renewal – Red Jet Terminal	18.27	1	No	No				
58	MLA/2013/00216/4	HOME AND COMMUNITIES AGENCY, Cowes Outer Harbour Project Dredge disposal renewal – Marina Entrance	18.03	1	No	No				
59	MLA/2013/00485/3	PREMIER MARINAS LIMITED, Chichester Marina Approach Channel dredging	12.88	1	No	No				
60	MLA/2014/00004/5	MARINA DEVELOPMENTS LIMITED, SPARKES MARINA MAINTENANCE DREDGING	5.53	1	No	No				
61	MLA/2014/00392/6	PREMIER MARINAS LIMITED, Gosport Marina Maintenance Dredge	5.89	1	No	No				
62	MLA/2014/00288/1	MARINA DEVELOPMENTS LIMITED, Northney Marina - Maintenance Dredging	7.49	1	No	No				
63	MLA/2014/00420/2	PREMIER MARINAS LIMITED,	7.98	1	No	No				

Cumulative Projects					Stage 1		Stage 2			
ID No.	Application /Case Ref.	Applicant and Brief Description	Distance from Project (km)	Tier	Within Zone of influence (ZOI)?	Progress to stage 2?	Overlap in temporal scope?	Scale and nature of development likely to be significant effect?	Other Factors	Progress to Stage 3/4?
		Port Solent Approach Channel Dredge								
64	MLA/2014/00592/3	ABP Southampton - Maintenance Dredge Licence – Solent Approaches	15.25	1	No	No				
65	MLA/2014/00592/2	ABP Southampton - Maintenance Dredge Licence – Nab Channel	1.48	1	No	No	Licence end date 2025			
66	MLA/2015/00216/1	PREMIER MARINAS (SOUTHSEA) LIMITED, Southsea Marina Maintenance Dredge of Marina Entrance	1.66	1	No	No				
67	MLA/2016/00025/2	ESSO PETROLEUM COMPANY LIMITED, Esso Fawley Marine Terminal Maintenance Dredging and Disposal Licence Renewal	20.66	1	No	No				
68	MLA/2016/00093/2	COWES HARBOUR COMMISSION, Maintenance Dredge of the area in and around Shepard's Wharf Marina and Town Quay (Cowes) – Town Quay Mooring Basin	18.3	1	No	No				
69	MLA/2016/00093/2	COWES HARBOUR COMMISSION, Maintenance Dredge of the area in and around Shepard's Wharf Marina and Town Quay (Cowes) – Shepard's Wharf Marina Zone 3	18.05	1	No	No				
70	MLA/2016/00093/2	COWES HARBOUR COMMISSION, Maintenance Dredge of the area in and around Shepard's Wharf Marina and Town Quay (Cowes) – Shepard's Wharf Marina Zone 1	18.08	1	No	No				
71	MLA/2016/00093/2	COWES HARBOUR COMMISSION, Maintenance Dredge of the area in and around	18.08	1	No	No				

Cumulative Projects					Stage 1		Stage 2			
ID No.	Application /Case Ref.	Applicant and Brief Description	Distance from Project (km)	Tier	Within Zone of influence (ZOI)?	Progress to stage 2?	Overlap in temporal scope?	Scale and nature of development likely to be significant effect?	Other Factors	Progress to Stage 3/4?
		Shepard's Wharf Marina and Town Quay (Cowes) – Shepard's Wharf Marina Zone 2								
72	MLA/2016/00098	ROYAL YACHT SQUADRON, RYS Jubilee Haven Maintenance dredging	18.51	1	No	No				
73	MLA/2016/00507/1	TARMAC LIMITED, Bedhampton Approach Channel and Berth Maintenance Dredge – Outer Area	6.94	1	No	No				
74	MLA/2016/00507/1	TARMAC LIMITED, Bedhampton Approach Channel and Berth Maintenance Dredge – inner area	7.51	1	No	No				
75	MLA/2016/00484	ROYAL NAVAL SAILING ASSOCIATION, RNSA – Hornet Capital Dredge	5.84	1	No	No				
76	MLA/2016/00484	ROYAL NAVAL SAILING ASSOCIATION, RNSA – Alliance Pontoon Maintenance Dredge	5.82	1	No	No				
77	MLA/2016/00484	ROYAL NAVAL SAILING ASSOCIATION, RNSA - Haslar Maintenance Dredge	5.8	1	No	No				
78	MLA/2017/00105	GOSPORT FERRY LIMITED, Gosport Ferry Clarence Wharf Maintenance Dredging	6.35	1	No	No				
79	MLA/2016/00446/1	COWES CORINTHIAN YACHT CLUB LIMITED, CCYC Marina maintenance dredge	18.19	1	No	No				
80	MLA/2017/00308	TRAFALGAR WHARF LIMITED, Trafalgar Wharf Approach Channel dredging	8.73	1	No	No				
81	MLA/2017/00478	DEFENCE INFRASTRUCTURE ORGANISATION, HMNB Portsmouth	3.47	1	No	No				



Cumulative Projects					Stage 1		Stage 2			
ID No.	Application /Case Ref.	Applicant and Brief Description	Distance from Project (km)	Tier	Within Zone of influence (ZOI)?	Progress to stage 2?	Overlap in temporal scope?	Scale and nature of development likely to be significant effect?	Other Factors	Progress to Stage 3/4?
		Maintenance Dredging and Disposal								
82	MLA/2017/00377	ISLE OF WIGHT COUNCIL, Maintenance dredging, Ryde Harbour, Isle of Wight – harbour entrance	9.03	1	No	No	Licence exp 2028 with dredging being undertaken annually in March/April			
83	MLA/2017/00377	ISLE OF WIGHT COUNCIL, Maintenance dredging, Ryde Harbour, Isle of Wight – harbour arm	8.99	1	No	No	Licence exp 2028 with dredging being undertaken annually in Mid/Late May			
84	MLA/2018/00285/1	SOUTHAMPTON ISLE OF WIGHT AND SOUTH OF ENGLAND ROYAL MAIL STEAM PACKET COMPANY LIMITED, East Cowes Lay-By Berth	17.96	1	No	No	Licence exp 2028 with dredging on an as and when basis			
85	MLA/2016/00058/1	HILL HEAD SAILING CLUB, Hill Head Harbour Channel Maintenance dredging	15.09	1	No	No	Licence exp 2032 with dredging being undertaken on a 3yr cycle from 2017 i.e. 2020, 2023, 2026, 2029, 2032. The programme for the commencement of the construction of the Proposed Development is indicatively 2024 so there is potential for overlap with the 2023 campaign.  Licence restrictions mean that dredging cannot occur during 01/10 – 31/03 and 01/03 – 30/04.			
86	<del>MLA/2013/00451 (refused)</del>	<del>KENDALL BROS. (PORTSMOUTH) LIMITED, Kendall's Wharf extension and capital dredge</del>	<del>5.33</del>	<del>1</del>	<del>No</del>	<del>No</del>	<del>Application was refused so no further consideration required as no potential for overlap.</del>			
87	<del>MLA/2019/00064</del>	<del>ATHENA RACING LIMITED, INEOS Dredging and pontoon installation, Camber Dock, Portsmouth</del>	<del>5.18</del>	<del>1</del>	<del>No</del>	<del>No</del>	<del>Application has been submitted to the MMO and has yet to be decided. The application proposes an end date of 2022. The worst case for the Proposed Development is 2021 – 2023 therefore there is potential for overlap should this</del>			

Cumulative Projects					Stage 1		Stage 2			
ID No.	Application /Case Ref.	Applicant and Brief Description	Distance from Project (km)	Tier	Within Zone of influence (ZOI)?	Progress to stage 2?	Overlap in temporal scope?	Scale and nature of development likely to be significant effect?	Other Factors	Progress to Stage 3/4?
							licence be granted by the MMO.			
<b>Coastal Projects – Figure 29.5</b>										
A	MLA/2017/00330 and MLA/2021/00272	PLANNING FLOOD DEFENCE TRUST Pagham Harbour Flood Defence	10.92	1	No	No	Licence end date 2027			
B	MLA/2020/00420 and L/2021/00045/1	Portsmouth City Council Near shore marine based ground investigations (GI) works to inform the Tipner West & Horsea Island East development proposal. T	5.41	1	No	No	Licence end date 2027			
C	MLA/2020/00376/1 and L/2021/00409/1	Haslar Marina additional pontoon berths (50 in number)	5.37	1	No	No	Licence end date Dec 2024			
88	<del>MLA/2016/00195/1</del>	<del>CASTLE MARINAS LIMITED, Birdham Pool– Basin Dredge, Revetment and Pontoons– Revetment and pontoon construction</del>	<del>11.78</del>	<del>1</del>	<del>No</del>	<del>No</del>	<del>Licence exp 2022. Licence restrictions mean that they cannot undertake work during freezing conditions under a Winter Wildfowling Ban.</del>			
89	<del>MLA/2016/00036/2</del>	<del>PORTSMOUTH NAVAL BASE PROPERTY TRUST, Portsmouth Heritage Pontoon and HMS Warrior Dredging and Construction Works– Heritage Pontoon Area pontoon construction</del>	<del>5.55</del>	<del>1</del>	<del>No</del>	<del>No</del>	<del>Licence exp 05/2020 so works will be complete before work on the Proposed Development commences. (worse case programme for construction of the Proposed Development is for 2021–2023). No overlap.</del>			
90	<del>MLA/2016/00036/2</del>	<del>PORTSMOUTH NAVAL BASE PROPERTY TRUST, Portsmouth Heritage Pontoon and HMS Warrior Dredging and Construction Works– HMS Warrior pontoon construction</del>	<del>5.51</del>	<del>1</del>	<del>No</del>	<del>No</del>	<del>Licence exp 05/2020 so works will be complete before work on the Proposed Development commences. (worse case programme for construction of the Proposed Development is for 2021–2023). No overlap.</del>			
91	<del>MLA/2019/00117</del>	<del>ROBERT WYNN &amp; SONS LIMITED, The beach landing of barge and safe discharge of cargo at Lee on Solent</del>	<del>12.61</del>	<del>1</del>	<del>No</del>	<del>No</del>	<del>Licence exp 05/2020 so works will be complete before work on the Proposed Development commences. (worse case programme for construction</del>			

Cumulative Projects					Stage 1		Stage 2			
ID No.	Application /Case Ref.	Applicant and Brief Description	Distance from Project (km)	Tier	Within Zone of influence (ZOI)?	Progress to stage 2?	Overlap in temporal scope?	Scale and nature of development likely to be significant effect?	Other Factors	Progress to Stage 3/4?
							of the Proposed Development is for 2021-2023). No overlap.			
92	MLA/2018/00419	SOUTHERN WATER LIMITED, Outfall jetting at Gilkicker lagoon	6.95	1	No	No	Licence exp 09/2019 so works will be complete before work on the Proposed Development commences. (worse case programme for construction of the Proposed Development is for 2021-2023). No overlap.			
93	MLA/2019/00024 rearrange order? As per es 11.1	SOUTHERN WATER LIMITED, Jetting at 46 Sea Lane	18.99	1	No	No	Licence exp 01/2020 so works will be complete before work on the Proposed Development commences. (worse case programme for construction of the Proposed Development is for 2021-2023). No overlap.			
94*	MLA/2015/00446	COWES WEEK LIMITED, Racing marks in the Solent – Position 1	15.96	1	No	No	Licence exp 2026			
95*	MLA/2015/00446	COWES WEEK LIMITED, Racing marks in the Solent – Position 2	13.17	1	No	No	Licence exp 2026			
96*	MLA/2015/00446	COWES WEEK LIMITED, Racing marks in the Solent – Position 3	13.61	1	No	No	Licence exp 2026			
97	MLA/2015/00446	COWES WEEK LIMITED, Racing marks in the Solent – Position 4	11.14	1	No	No	Licence exp 2026			
98	MLA/2018/00028	SUSTAINABLE SEAWEED LIMITED, Nearshore Seaweed Cultivation of Native Species	19.38	1	No	No	Application submitted to the MMO and has yet to be decided.  Potential overlap			
99*	MLA/2019/00183	I & G CONTRACTORS LIMITED, Removal of old gas pipe in Pagham Harbour	12	1	No	No	Application submitted to the MMO and has yet to be decided.  Potential overlap			
100	MLA/2015/00301 (refsed)	NJP ENVIRONMENTAL LIMITED, National Grid – Chilling Ceiling End Compound	18.98	3	No	No	Application refused by the MMO.  No overlap.			

Cumulative Projects					Stage 1		Stage 2			
ID No.	Application /Case Ref.	Applicant and Brief Description	Distance from Project (km)	Tier	Within Zone of influence (ZOI)?	Progress to stage 2?	Overlap in temporal scope?	Scale and nature of development likely to be significant effect?	Other Factors	Progress to Stage 3/4?
101*	MLA/2018/00447	Mr Stephen Beill, Mooring a Houseboat in Bembridge Harbour	8.6	1	No	No	Licence end date 2035			
<del>102</del>	<del>MLA/2017/00174/1</del>	<del>PORTSMOUTH CITY COUNCIL, Portsmouth International Ferry Port—Berth 2 Deepening—Scour Mattress—East removal and installation</del>	<del>5.42</del>		<del>No</del>	<del>No</del>	<del>Licence exp 08/2019 so works will be complete before work on the Proposed Development commences. (worse case programme for construction of the Proposed Development is for 2021-2023). No overlap.</del>			
<del>103</del>	<del>MLA/2017/00174/1</del>	<del>PORTSMOUTH CITY COUNCIL, Portsmouth International Ferry Port—Berth 2 Deepening—Scour Mattress—West removal and installation</del>	<del>5.49</del>		<del>No</del>	<del>No</del>	<del>Licence exp 08/2019 so works will be complete before work on the Proposed Development commences. (worse case programme for construction of the Proposed Development is for 2021-2023). No overlap.</del>			
104	MLA/2017/00203	PREMIER MARINAS (GOSPORT) LTD, Gosport Marina Link Pontoon to Endeavour Quay—Hoist dock removal and Link Pontoon installation	5.94	1	No	No	Licence exp 2020 so works will be complete before work on the Proposed Development commences. (worse case programme for construction of the Proposed Development is for 2021-2023). No overlap.			
105	MLA/2016/00490	PORTSMOUTH SAILING CLUB, Portsmouth Sailing Club Camber Dock Works	5.21	1	No	No	Licence exp 2020 so works will be complete before work on the Proposed Development commences. (worse case programme for construction of the Proposed Development is for 2021-2023). No overlap.			
106	MLA/2017/00014	MARITIME ARCHAEOLOGY SEA TRUST, HMS Invincible Project—rescue excavation of the Wreck	1.16	1	No	No				
107	MLA/2016/00392	TRAFALGAR WHARF LIMITED, Trafalgar Wharf Dry Stack Pontoons –	9.03	1	No	No	Work will be undertaken on an as and when basis until 2029. Licence restrictions mean that they cannot			

Cumulative Projects					Stage 1		Stage 2			
ID No.	Application /Case Ref.	Applicant and Brief Description	Distance from Project (km)	Tier	Within Zone of influence (ZOI)?	Progress to stage 2?	Overlap in temporal scope?	Scale and nature of development likely to be significant effect?	Other Factors	Progress to Stage 3/4?
		extension of the existing pontoon						undertake piling between 01/11 and 15/03		
108	MLA/2016/00436/2	PORTSMOUTH CITY COUNCIL, North-Portsea Island Flood and Coastal Erosion Scheme Phase 3 –Tipner Lake	6.10	1	No	No	Licence exp 12/2019 so works will be complete before work on the Proposed Development commences. (worse case programme for construction of the Proposed Development is for 2021-2023). No overlap.			
109	MLA/2019/00052	M L (UK) LIMITED, Trial pits to determine ground conditions for future barge landing to deliver historic landing craft	4.26	1	No	No	Licence exp 02/2020 so works will be complete before work on the Proposed Development commences. (worse case programme for construction of the Proposed Development is for 2021-2023). No overlap.			
110	MLA/2019/00095	Rampion Offshore Wind Farm - pre-emptive Export Cable Repairs	18.37	1	No	No	Work will be carried out on as and when basis until 2040			
111	MLA/2019/00120	Rampion—recovery of various materials/debris	18.77	1	No	No	Work will be carried out on as and when basis until 2020 so works will be complete before work on the Proposed Development commences. (worse case programme for construction of the Proposed Development is for 2021-2023). No overlap.			
112	MLA/2018/00395	MINSTED PROPERTIES LLP, Dolphin Quay—Quay (Flood) Wall Replacement and Removal of Existing	10.25	1	No	No	Licence exp 2023			
113	MLA/2014/00476/1	Warship Hazardous Prize Project Group, Archaeological investigation of Hazardous Prize 1706 - a protected wreck at risk	6.30	1	No	No	Licence exp 2046, scaffolding will be installed in March and taken out in Sept of any given year			
114	MLA/2018/00094	Greene King Retailing Ltd, The Folly Pontoon	17.72	1	No	No	Licence exp 09/2019 so works will be complete before work on the			

Cumulative Projects					Stage 1		Stage 2			
ID No.	Application /Case Ref.	Applicant and Brief Description	Distance from Project (km)	Tier	Within Zone of influence (ZOI)?	Progress to stage 2?	Overlap in temporal scope?	Scale and nature of development likely to be significant effect?	Other Factors	Progress to Stage 3/4?
		<del>replacement, River Medina, IoW</del>					<del>Proposed Development commences. (worse case programme for construction of the Proposed Development is for 2024-2026). No overlap.</del>			
<del>115</del>	<del>MLA/2018/00146</del>	<del>JPC Demolition LLP, Demolition of Little Susie and Xoron — demolition of derelict houseboats in Bembridge Harbour, IoW</del>	<del>8.63</del>	<del>1</del>	<del>No</del>	<del>No</del>	<del>Licence exp 08/2019 so works will be complete before work on the Proposed Development commences. (worse case programme for construction of the Proposed Development is for 2024-2026). No overlap.</del>			
116	MLA/2017/00104	Eastern Solent Coastal Partnership - South Hayling Beach Management Plan (2017-2022) Implementation. Maintaining Eastoke beach height / profile through beach nourishment. As this is an ongoing activity works are generally programmed to take place in early March and / or September each year. Each beach management campaign is expected to last for 2-4 weeks.	0.90	1	No	No	Licence end date September 2027 therefore there is potential for overlap in temporal scope (programme for commencement of construction of the Proposed Development is indicatively 2024).			
117	MLA/2017/00041/1 - Regional Licence for Low Impact Maintenance Works	RNLI East Division - Portsmouth Lifeboat Station. 10 year maintenance licence for 1. Maintenance to Moorings 2. Maintenance to Pontoon Berths 3. Minor beach re-profiling works 4. Maintenance to Lifeboat Station Boathouses, slipways & launch ramps	0.98	1	No	No	Licence end date 31.05.2027 therefore there is potential for overlap in temporal scope (programme for commencement of construction of the Proposed Development is indicatively 2024).			

Cumulative Projects					Stage 1		Stage 2			
ID No.	Application /Case Ref.	Applicant and Brief Description	Distance from Project (km)	Tier	Within Zone of influence (ZOI)?	Progress to stage 2?	Overlap in temporal scope?	Scale and nature of development likely to be significant effect?	Other Factors	Progress to Stage 3/4?
		5. Maintenance Activities associated with safety of lifeboat launch and recovery 6. Maintenance to beach lifeguard units 7. Navigational Dredging								
<del>118</del> *	<del>16/00255/FUL (Portsmouth City Council T&amp;CPA application)</del>	<del>Southern Water Services Ltd – Flood defence improvement scheme stretching for 4.5 km from Old Portsmouth to Eastney. Replacement of existing coastal sea defences with a rock revetment, and maintenance of existing structures.</del>	<del>0.16</del>	<del>1</del>	<del>No</del>	<del>No</del>			Construction complete	
<del>119</del> *	<del>14/01387/FUL PO3 5LY – Portsmouth City Council rearrange order?</del>	<del>Coastline Between Ports Creek Railway Bridge And Kendall's Wharf Portsmouth – Construction of new coastal defences consisting of raised earth embankments with rock armour on the seaward side, together with wave walls to abut the A2030 Eastern Road bridge to tie into the new embankments (along the alignment of the existing coastal defences).</del>	<del>4.36</del>	<del>1</del>	<del>No</del>	<del>No</del>			Construction complete	
120	19/01097/FUL (Portsmouth City Council T&CPA application) Eastern Solent Coastal Partnership MLA/2019/00316	Southsea Coastal Flood and Erosion Risk Management Scheme. The works comprise of a vertical sea wall. Raising and realignment of the promenade and associated highway, construction of stepped revetment, rock armour, revetments and groynes, secondary defence walls and bunds, beach widening and all	0.75	1	No	No				

Cumulative Projects					Stage 1		Stage 2			
ID No.	Application /Case Ref.	Applicant and Brief Description	Distance from Project (km)	Tier	Within Zone of influence (ZOI)?	Progress to stage 2?	Overlap in temporal scope?	Scale and nature of development likely to be significant effect?	Other Factors	Progress to Stage 3/4?
		associated works and landscaping.								
121	Fraser Range 19/00420/FUL Portsmouth City Council T&CPA application  MLA/2019/00249	The development has been submitted and is under consultation. It consists of a part demolition, redevelopment and conversion of existing structures, construction of new buildings to create 108 apartments and 25 houses, change of use of North Cape House to a single self-build residential unit (total 134 dwellings) access road, parking and landscaping works. The marine works specifically involve the creation of a rock revetment and improvements to the existing seawall.	0	1	No	No			The marine licence application for the marine works has been withdrawn.	



