



**AQUIND Limited**

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# **AQUIND INTERCONNECTOR**

## **Environmental Statement Addendum 3 – Appendix 5.21 Updated Appendix 9.2 Fish and Shellfish**

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

Document Ref: 7.8.3.31

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Appendix 5.21 Updated Appendix 9.2 Fish  
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**PINS REF.: EN020022**

**DOCUMENT: 7.8.3.31**

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## APPENDIX 9.2 – FISH AND SHELLFISH CUMULATIVE ASSESSMENT MATRIX

- 1.1.1.1 This document is a 2023 updated revision (Rev. 002) of the Appendix 9.2 to Chapter 9 (Fish and Shellfish) that was presented in 2019. This updated document is presented as an appendix to ES Addendum 3.
- 1.1.1.2 This document should be read in conjunction with ES Addendum 3, Chapters 9 (Fish and Shellfish) and 29 (Cumulative Effects) of the Environmental Statement ('ES') Volume 1 (document references 6.1.9 and 6.1.29).
- 1.1.1.3 Project/plans shown in Figures 29.1-29.5 of the ES Volume 2 (document references 6.2.29.1 to 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 Geographic Information System ('GIS') information.
- 1.1.1.4 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**.
- 1.1.1.5 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)).
- 1.1.1.6 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.
- 1.1.1.7 Any project identified in Table 1 falling within the Zone of Influence (ZOI) for fish and shellfish (25 km) were screened in for further consideration.
- 1.1.1.8 The Planning Inspectorate Cumulative Effect Assessment Matrix from Advice note 17<sup>2</sup> has been used in compiling this data.
- 1.1.1.9 The PINS matrix uses three tiers to classify the stage of a project:
- 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;

<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/>

<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').

- 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.

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 spatial datasets sourced but information was found on line)

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 EEZ and French Territorial Waters.	0 km	2	Yes	Yes	Yes, there will be overlap in temporal scope – this is the French part of the Proposed Development.	Yes	Part or all of this project falls within the ZOI and the sensitive herring spawning area. Therefore, an in-combination effect may exist.	Yes
N/A	None	AQUIND Interconnector 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.		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 EIA and 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	Yes	Yes	OWF is now fully operational. The Project will only be considered with regard	No - no temporal overlap in construction periods. Possible effects are predicted to be of limited		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?
							to any possible asset management activities where relevant.	temporal and spatial extent, and low magnitude, and therefore concluded not significant.		
3	EN010117	RWE / Rampion offshore wind limited, Rampion Wind Farm Extension	0 (extension area overlaps Proposed Development)	2	Yes	Yes	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.	No. Any temporal overlap would consist of very limited activities., i.e. some seabed preparatory works at Rampion extension project may be undertaken whilst the Proposed Development is completing cable installation works. 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. In addition, the existing mitigations such as Vessel Management Plans, Notice to Mariners to avoid interactions will still apply and the fact that AQUIND and RWE are already in consultation will also ensure that interactions between the two projects are minimised. No significant cumulative effects.	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. In addition, Rampion 2 has considered the Proposed Development within their PEIR Chapter 8 Fish and Shellfish and concluded no significant cumulative effects arising from impacts arising from temporary increases in suspended sediments and habitat loss/hard substrate during construction and operational phases.	No

<sup>4</sup> <https://rampion2.com/public-consultation-further-onshore-cable-route-alternative/> and through direct consultation meeting with Rampion 2 Project Team in end of year 2021.

<sup>5</sup> <https://rampion2.com/formal-consultation-detailed-documents/>

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?
4		LEMS (Engie), Dieppe - Le Tréport	58.99	1	No	No	Latest information states that commissioning is expected in 2023.			No
5		Fécamp Offshore Wind Farm - in French EEZ	33.17 km	3	No	No				No
<del>6</del>		<del>Cote d'Albatre OWF</del>	<del>42.52</del>	<del>±</del>	<del>No</del>	<del>No</del>	<del>No recent information</del>			<del>No</del>
7	MLA/2016/00209/2	NATIONAL GRID IFA2 LTD, IFA2 Electricity Interconnector	0.44	1	Yes	Yes	Yes. Licence exp 2117 with construction <b>completed</b> in 2020. Works will therefore be complete before the commencement of construction of the Proposed Development ( <b>indicatively –2024</b> ). However, there is potential for cumulative effects during operational activities.  Licence restrictions mean that they cannot undertake work within 1km of the Chilling Landfall between 01/10 and 31/03	Yes - Part or all of this project falls within the ZOI and the sensitive herring spawning area. Therefore, an in-combination effect may exist.		Yes
<del>8</del>	<del>MLA/2018/00470</del>	<del>NATIONAL GRID IFA2 LIMITED, IFA2 Interconnector –Unexploded Ordnance Activities –DC cables redline</del>	<del>0.44</del>	<del>±</del>	<del>Yes</del>	<del>Yes</del>	<del>No- 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>			<del>No</del>
<del>9</del>	<del>MLA/2018/00470</del>	<del>NATIONAL GRID IFA2 LIMITED, IFA2 Interconnector –Unexploded Ordnance Activities –AC cables redline</del>	<del>12.84</del>	<del>±</del>	<del>Yes</del>	<del>Yes</del>	<del>No- 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</del>			<del>No</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>for 2021-2023). No overlap.</del>			
10	MLA/2018/00470	NATIONAL GRID IFA 2 LIMITED; IFA2 Interconnector –Unexploded Ordnance Activities –Solent detonation zone	5.53	1	Yes	Yes	No- 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.			No
11	MLA/2019/00017	NATIONAL GRID IFA 2 LIMITED; IFA2 Interconnector –Temporary Investigative Trial Pits	12.94	1	Yes	Yes	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.			No
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	41	3	No	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?
		Proposed Development.								
<b>Aggregate Dredging Projects– Figures 29.2 and 29.3</b>										
A	MLA/2018/00323 and L/2019/00089/1 Area 1803 Bassurelle Extension, Site BX 458	CEMEX Marine UK Ltd - Area 1803 Bassurelle Extension, Site BX 458	22.45	1	Yes	Yes	Licence end date 2041	Some interaction of passive sediment plumes may occur, and the aggregate sites are located within key herring spawning grounds.	Based upon available information on potential cumulative projects it is considered that the 2023 cumulative scenario has fewer aggregate areas that require inclusion in the assessment than in 2020 (see Figure 29.3A). A number of aggregate sites beyond the 12 nm limit are no longer being dredged or licence end dates are prior to Q4 2024 and are therefore, considered no longer valid for assessment. Therefore, it is concluded the assessment conclusions will remain the same with the change in relevant aggregates projects in 2023.	Yes. However, the existing assessment already considers a greater number of aggregate projects, which were in closer proximity to the Proposed Development, than the revised number of relevant projects as described in this review. It is concluded that the conclusions would remain the same were the assessment updated to include this project.
B	MLA/2018/00323 and L/2019/00089/1, Site BX 464	CEMEX Marine UK Ltd – Area 1803 Bassurelle Extension, Site BX 464	30.52	1	No	No	Licence end date 2041			No
C	MLA/2021/00472 L/2022/00463/1	TARMAC MARINE DREDGING LIMITED – Area 458/464	32.32	1	No	No	Licence end date 2043.			No
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			No
F	L/2012/00285/5 09999/92501/5	HANSON AGGREGATES	59.98	1	No	No	Licence end date 2034			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?
		MARINE LIMITED Area 460								
13	MLA/2012/00302/5	Westminster Gravels Ltd, Marine aggregate dredging licence Area 451 renewal	6.29	1	Yes	Yes	Yes - Licence exp 2028	No – Some interaction of passive sediment plumes is possible, but the aggregate site does not overlap key herring spawning grounds and given the magnitude and short duration of potential impacts arising from Proposed Development it is predicted that there is no potential for significant cumulative effects to occur.		No
14	MLA/2012/00319/6	Volker Dredging Ltd, Area 340 15 Year Marine Licence	12.45	1	Yes	Yes	Licence exp 2035	No – Some interaction of passive sediment plumes is possible, but the aggregate site does not overlap key herring spawning grounds and given the magnitude and short duration of potential impacts arising from Proposed Development it is predicted that there is no potential for significant cumulative effects to occur. spawning grounds		No
15	MLA/2012/00320/6	Cemex UK Marine Ltd, Area 340 full term licence application	12.45	1	Yes	Yes	Yes - Licence exp 2035	No – Some interaction of passive sediment plumes is possible, but the aggregate site does not overlap key herring spawning grounds and given the magnitude and short duration of potential impacts arising from Proposed Development it is predicted that there is no potential for significant cumulative effects to occur.		No
16	MLA/2012/00374/5	Tarmac Marine Dredging Ltd, Area 351 Full Term Licence Application	3.53	1	Yes	Yes	Yes - Licence exp 2035		No	
17	MLA/2012/00375/4	Volker Dredging Ltd, Area 351 Full Term Licence Application	3.53	1	Yes	Yes	Yes - Licence exp 2035		No	
18	MLA/2014/00306/1	Tarmac Marine Dredging Limited, Area 396/1 Inner Owers	7.25	1	Yes	Yes	Yes - Licence exp 2030	No – Some interaction of passive sediment plumes is possible, but the aggregate site does not overlap key herring spawning grounds and given the magnitude		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?
								and short duration of potential impacts arising from Proposed Development it is predicted that there is no potential for significant cumulative effects to occur.		
19	MLA/2014/00306/1	Tarmac Marine Dredging Limited, Area 396/2 Inner Owers	10.76	1	Yes	Yes	Yes - Licence exp 2030	No – Some interaction of passive sediment plumes is possible; the aggregate site does not overlap key herring spawning grounds and given the magnitude and short duration of potential impacts arising from Proposed Development it is predicted that there is no potential for significant cumulative effects to occur.		No
20	MLA/2014/00307/1	Hanson Aggregates Marine Limited, Area 435/1	7.33	1	Yes	Yes	Yes - Licence exp 2037	No – Some interaction of passive sediment plumes is possible, but the aggregate site does not overlap key herring spawning grounds and given the magnitude and short duration of potential impacts arising from Proposed Development it is predicted that there is no potential for significant cumulative effects to occur.		No
21	MLA/2014/00307/1	Hanson Aggregates Marine Limited, Area 435/2	9.01	1	Yes	Yes	Yes - Licence exp 2037	No – Some interaction of passive sediment plumes is possible, but the aggregate site does not overlap key herring spawning grounds and given the magnitude and short duration of potential impacts arising from Proposed Development it is predicted that there is no potential for significant cumulative effects to occur.		No
22	34276/081209/5	DEME Building Materials NV,	4.39	1	Yes	Yes	Yes – Licence exp 2024.	Yes – Some interaction of passive sediment plumes		Yes

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 Area 478</del>						may occur, and the aggregate sites are located within key herring spawning grounds.		
23	34328/090206/8	Volker Dredging Ltd, Aggregate Extraction Area 461	1.95	1	Yes	Yes	Licence exp 2042. Commencement of construction of the Proposed Development is indicatively 2024 so potential overlap			Yes
24	<del>34400/090416/12</del>	<del>HANSON AGGREGATES MARINE LTD, Aggregate Extraction Area 475</del>	<del>6.37</del>	<del>1</del>	<del>Yes</del>	<del>Yes</del>	<del>Yes—Licence end 2021. Worst case for commencement of the Proposed Development is 2021 so potential overlap</del>			Yes
25	34400/090416/12 MLA/2021/00177 for 473-1 and 473-2 under L/2021/00358/2 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 473, <del>474 East, West and Central</del>	22.18	1	Yes	Yes	Yes - Licence exp 2042. Commencement of the construction of the the Proposed Development is indicatively 2024 so potential overlap. Possesses a herring timing restriction in marine licence.		Yes	
26	MLA/2012/00195/5	TARMAC MARINE DREDGING LIMITED, Aggregate dredging Area 395 licence renewal – Area 395/2	2.64	1	Yes	No	Yes - Licence exp 2027	No – Some interaction of passive sediment plumes is possible. However, given that the aggregate site does not overlap key herring spawning grounds and given the magnitude and short duration of potential impacts arising from Proposed Development it is concluded that there is no potential for significant cumulative effects to occur.		No
27	MLA/2012/00197/6	AGGREGATE INDUSTRIES UK LIMITED, Aggregate dredging Area 395 licence renewal – Area 395/1	2.34	1	Yes	No	Yes - Licence exp 2034	No – Some interaction of passive sediment plumes is possible, but the aggregate site does not overlap key herring spawning grounds and given the magnitude and short duration of potential impacts arising from Proposed Development it is concluded that there is no potential for significant cumulative effects to occur.		No
28	MLA/2015/00431/1	TARMAC MARINE DREDGING LIMITED, Area 488	10.51	1	Yes	Yes	Licence exp 2037. Licence restrictions mean that work can only be undertaken between 01/04 and 30/06	No – Some interaction of passive sediment plumes is possible, but the aggregate site does not overlap key herring spawning grounds and given the magnitude and short duration of potential impacts arising from Proposed Development it is concluded that there is no potential for significant cumulative effects to occur.		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?
29	MLA/2015/00432/1	CEMEX UK MARINE LIMITED, Area 453	12.21	1	Yes	Yes	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	No – Some interaction of passive sediment plumes is possible, but the aggregate site does not overlap key herring spawning grounds and given the magnitude and short duration of potential impacts arising from Proposed Development it is concluded that there is no potential for significant cumulative effects to occur.		No
30	MLA/2017/00227	HANSON AGGREGATES MARINE LIMITED, Marine Aggregate Extraction at Area 372/1	8.66	1	Yes	Yes	Yes - Licence exp 2029	No – Some interaction of passive sediment plumes is possible, but the aggregate site does not overlap key herring spawning grounds and given the magnitude and short duration of potential impacts arising from Proposed Development it is concluded that there is no potential for significant cumulative effects to occur.		No
31	MLA/2011/00302/1	CEMEX UK MARINE LIMITED, Area 407	22.48	1	Yes	Yes	Yes. Licence exp 2034	No – Project does not overlap the herring spawning area.		No
32		Saint – Nicolas West French Aggregate area	2.88	1	Yes	Yes	Yes. 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 <b>indicatively 2024</b> ).	Yes – Some interaction of passive sediment plumes may occur, and the aggregate site is located within key herring spawning grounds.		Yes
33		Saint – Nicolas East French Aggregate area	4.16	1	Yes	Yes	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 <b>indicatively 2024</b> ).	Yes – Some interaction of passive sediment plumes may occur, and the aggregate site is located within key herring spawning grounds.		Yes

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?
34		Cote d'Albatre Zone B French Aggregate area	23.37	1	No	No			While the aggregate area is within 25 km of the Proposed Project, the sediment plumes generally elongates on an east – west axis due to the prevailing currents in the Channel. As the aggregate site is south of the Proposed Development and is 23 km away, it is considered to be outside the ZOI.  Licence issued 2011 for 30 years	No
<b>Dredging and Disposal Projects- Figure 29.4</b>										
A	MLA/2021/00221/1 and L/2022/00041/2	PORTSMOUTH INTERNATIONAL PORT Portsmouth International Harbour Dredging	4.52	1	Yes	Yes	Licence end date 2032	No. While some interaction of passive sediment plumes is possible, given the magnitude and short duration of potential impacts arising from Proposed Development it is concluded that there is no potential for significant cumulative effects to occur.		No
B	MLA/2021/00080	Boatfolk Marinas Ltd Haslar Marine Maintenance Dredging	5.38	1	Yes	Yes	Licence end date 2031	No. While some interaction of passive sediment plumes is possible, given the magnitude and short duration of potential impacts arising from Proposed Development it is concluded that there is no potential for significant cumulative effects to occur.		No
C	MLA/2021/00530	RRNSA Moorings Ltd. NSA Moorings Maintenance Dredging	5.33	1	Yes	Yes	Licence end date 2032	No. While some interaction of passive sediment plumes is possible, given the magnitude and short duration of potential impacts arising from Proposed Development it is concluded that there is 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?
								potential for significant cumulative effects to occur.		
D	MLA/2016/00341/3	BP OIL UK Ltd. Hamble Jetty maintenance dredging	21.24	1	Yes	Yes	Licence end date 2027	No. While some interaction of passive sediment plumes is possible, given the magnitude and short duration of potential impacts arising from Proposed Development it is concluded that there is no potential for significant cumulative effects to occur.		No
35	Multiple	NAB Tower Disposal Site (WI060)	7.97	1	Yes	Yes	Yes - Various licences dispose here at various times in the year so overlap is likely	No. Disposal will be within Nab Tower disposal ground. While some interaction of passive sediment plumes is possible, given the magnitude and short duration of potential impacts arising from Proposed Development it is concluded that there is no potential for significant cumulative effects to occur.		No
36	Multiple	Treloar Hole Disposal Site (WI046)	5.7	1	Yes	Yes	Yes - 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	No. While some interaction of passive sediment plumes is possible, given the magnitude and short duration of potential impacts arising from Proposed Development it is concluded that there is no potential for significant cumulative effects to occur.		No
<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>Yes</del>	<del>Yes</del>	<del>No—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>No</del>
<del>38</del>	<del>MLA/2016/00143/2</del>	<del>BOSKALIS WESTMINSTER LTD, Disposal to Nab</del>	<del>17.96</del>	<del>1</del>	<del>Yes</del>	<del>Yes</del>	<del>No—Licence exp 12/2019 so works will be complete before work on</del>			<del>No</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?
		Tower W1060 of surplus sand and gravel used in the construction of East Cowes Breakwater					the proposed development commences. (worse case programme for construction of the Proposed Development is for 2021-2023). No overlap.			
39	MLA/2013/00371/2	COWES YACHT HAVEN, Maintenance Dredging 2014— South Basin	18.19	±	Yes	Yes	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.			No
40	MLA/2013/00371/2	COWES YACHT HAVEN, Maintenance Dredging 2015— North Basin	18.24	±	Yes	Yes	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.			No
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	±	Yes	Yes	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.			No
42	MLA/2016/00036/2	PORTSMOUTH NAVAL BASE PROPERTY TRUST, Portsmouth Heritage Pontoon and HMS Warrior Dredging and	5.51	±	Yes	Yes	No—Licence exp 05/2020 so works will be complete before work on the proposed development commences. (worse case programme for			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?
		Construction Works – HMS Warrior dredging					construction of the Proposed Development is for 2021-2023). No overlap.			
43	MLA/2018/00167	PREMIER MARINAS (GOSPORT) LIMITED, Gosport Marina – Endeavour Quay Link Pontoon Dredge – Keel Pocket	5.91	1	Yes	Yes	No – Licence exp 08/2020 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.			No
44	MLA/2018/00167	PREMIER MARINAS (GOSPORT) LIMITED, Gosport Marina – Endeavour Quay Link Pontoon Dredge – Link Pontoon	5.53	1	Yes	Yes	No – Licence exp 08/2020 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.			No
45	MLA/2016/00433/5	KENDALL BROS. (PORTSMOUTH) LIMITED, Maintenance Dredging at Kendall's Wharf	5.21	1	Yes	Yes	No – Licence exp Aug 2024 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.			No
46	MLA/2016/00255/2	DEAN & REDDYHOFF LIMITED, Haslar Marina Maintenance Dredge	5.7	1	Yes	Yes	No – Licence exp 09/2021 and dredging occurs annually. Worst case for commencement of Proposed Development is 2021 so there is potential for overlap			No
47	MLA/2015/00426/2	THORNHAM MARINA LIMITED, Thornham Marine	10.31	1	Yes	Yes	Yes – Licence exp 2022 with dredging occurring at any time. Licence restrictions mean that	No. While some interaction of passive sediment plumes is possible, given the magnitude and short	Licence restrictions mean that the licence holder can only dispose to	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 Dredge					the licence holder can only dispose to Treloar Hole between 01/10 and 30/04	duration of potential impacts arising from Proposed Development it is predicted that there is no potential for significant cumulative effects to occur.	Treloar Hole between 01/10 and 30/04	
48	MLA/2016/00195/1	CASTLE MARINAS LIMITED, Birdham Pool—Basin Dredge, Revetment and Pontoons—Basin Dredge	11.78	±	Yes	Yes	Licence exp 2022. Licence restrictions mean that they cannot undertake work during freezing conditions under a Winter Wildfowling Ban.	No—Project does not overlap the herring spawning area	Licence restrictions mean that they cannot undertake work during freezing conditions under a Winter Wildfowling Ban.	No
49	MLA/2013/00321/3	PREMIER MARINAS (HAMBLE) LIMITED, Swanwick Marina Maintenance Dredge & Lifting Dock	21.67	±	Yes	Yes	Yes—Licence exp 2023 with dredging being undertaken on an as and when basis during Oct–Apr	No—Some interaction of passive sediment plumes is possible, but the aggregate site does not overlap key herring spawning grounds and given the magnitude and short duration of potential impacts arising from Proposed Development it is predicted that there is no potential for significant cumulative effects to occur.		No
50	MLA/2013/00216/4	HOME AND COMMUNITIES AGENCY, Cowes Outer Harbour Project Dredge disposal renewal—fairway dredge area	18.06	±	Yes	Yes	Yes—Licence exp 2024 with dredging being undertaken on an as and when basis			No
51	MLA/2013/00216/4	HOME AND COMMUNITIES AGENCY, Cowes Outer Harbour Project Dredge disposal renewal—Mooring field dredge area	18.02	±	Yes	Yes	Yes—Licence exp 2024 with dredging being undertaken on an as and when basis			No
52	MLA/2013/00216/4	HOME AND COMMUNITIES AGENCY, Cowes Outer Harbour Project Dredge disposal renewal—Eastern Channel Dredge Area	17.87	±	Yes	Yes	Yes—Licence exp 2024 with dredging being undertaken on an as and when basis. Licence restrictions mean that dredging in this area can only be undertaken outside the period 01/04 and 30/09			No
53	MLA/2013/00216/4	HOME AND COMMUNITIES AGENCY, Cowes Outer Harbour	17.83	±	Yes	Yes	Yes—Licence exp 2024 with dredging being undertaken on an as and when basis			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?
		<del>Project Dredge disposal renewal— Marina-Basin Dredge Area</del>								
54	MLA/2013/00216/4	HOME AND COMMUNITIES AGENCY, Cowes Outer Harbour Project Dredge disposal renewal— No1-Buoy-Bank Dredge Area	18.51	1	Yes	Yes	Yes—Licence-exp-2024 with dredging being undertaken on an as and when basis			No
55	MLA/2013/00216/4	HOME AND COMMUNITIES AGENCY, Cowes Outer Harbour Project Dredge disposal renewal— No1-Buoy-Bank West	18.60	1	Yes	Yes	Yes—Licence-exp-2024 with dredging being undertaken on an as and when basis			No
56	MLA/2013/00216/4	HOME AND COMMUNITIES AGENCY, Cowes Outer Harbour Project Dredge disposal renewal— Trinity Landing	18.40	1	Yes	Yes	Yes—Licence-exp-2024 with dredging being undertaken on an as and when basis			No
57	MLA/2013/00216/4	HOME AND COMMUNITIES AGENCY, Cowes Outer Harbour Project Dredge disposal renewal— Red Jet Terminal	18.27	1	Yes	Yes	Yes—Licence-exp-2024 with dredging being undertaken on an as and when basis			No
58	MLA/2013/00216/4	HOME AND COMMUNITIES AGENCY, Cowes Outer Harbour Project Dredge disposal renewal— Marina Entrance	18.03	1	Yes	Yes	Yes—Licence-exp-2024 with dredging being undertaken on an as and when basis			No
59	MLA/2013/00485/3	PREMIER MARINAS LIMITED, Chichester Marina Approach Channel dredging	12.88	1	Yes	Yes	Yes—Licence-exp-2024 with dredging occurring annually in the spring			No
60	MLA/2014/00004/5	MARINA DEVELOPMENTS	5.53	1	Yes	Yes	Yes—Licence-exp-2024 with dredging occurring			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?
		LIMITED, SPARKES MARINA MAINTENANCE DREDGING					every year in the Dry Boat Sailing Area and at least every 4 years from 2014 in the main basin area. Works can only be undertaken in Oct – Apr.			
61	MLA/2014/00392/6	PREMIER MARINAS LIMITED, Gosport Marina Maintenance Dredge	5.89	1	Yes	Yes	Yes - Licence exp 2024 with dredging being undertaken annually			No
62	MLA/2014/00288/1	MARINA DEVELOPMENTS LIMITED, Northney Marina - Maintenance Dredging	7.49	1	Yes	Yes	Yes - Licence exp 2024 with dredging being undertaken annually during Oct - Apr			No
63	MLA/2014/00420/2	PREMIER MARINAS LIMITED, Port Solent Approach Channel Dredge	7.98	1	Yes	Yes	Yes - Licence exp 2025 with dredging being undertaken annually			No
64	MLA/2014/00592/3	ABP Southampton - Maintenance Dredge Licence – Solent Approaches	15.25	1	Yes	Yes	Yes - Licence exp 2025 with dredging being undertaken on an as and when basis	No – Some interaction of passive sediment plumes is possible, but the aggregate site does not overlap key herring spawning grounds and given the magnitude and short duration of potential impacts arising from Proposed Development it is concluded that there is no potential for significant cumulative effects to occur.		No
65	MLA/2014/00592/2	ABP Southampton - Maintenance Dredge Licence – Nab Channel	1.48	1	Yes	Yes	Yes - Licence exp 2025 with dredging being undertaken on an as and when basis			No
66	MLA/2015/00216/1	PREMIER MARINAS (SOUTHSEA) LIMITED, Southsea Marina Maintenance Dredge of Marina Entrance	1.66	1	Yes	Yes	No. Licence exp 2025 with dredging being undertaken in years 1, 5 and 10 i.e. 2015, 2020 & 2025.  Commencement of construction of the proposed development is indicatively 2024, therefore will be constructed between			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?
							campaigns. No overlap expected.			
67	MLA/2016/00025/3	ESSO PETROLEUM COMPANY LIMITED, Esso Fawley Marine Terminal Maintenance Dredging and Disposal Licence Renewal	20.66	1	Yes	Yes	Yes - Licence exp 2026 with dredging being undertaken 1-2 times per year when needed.	No – Some interaction of passive sediment plumes is possible, but the aggregate site does not overlap key herring spawning grounds and given the magnitude and short duration of potential impacts arising from Proposed Development it is concluded that there is no potential for significant cumulative effects to occur.		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	Yes	Yes	Yes - Licence exp 2026 with dredging being undertaken every 3yrs from 2016 i.e. 2016, 2019, 2022, 2025.  Commencement of construction of the proposed development is indicatively 2024– therefore there is potential for overlap.	No – Some interaction of passive sediment plumes is possible, but the aggregate site does not overlap key herring spawning grounds and given the magnitude and short duration of potential impacts arising from Proposed Development it is concluded that there is no potential for significant cumulative effects to occur.		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	Yes	Yes	Yes - Licence exp 2026 with dredging being undertaken every 3yrs from 2016 i.e. 2016, 2019, 2022, 2025.  Commencement of construction of the proposed development is indicatively 2024 therefore there is potential for overlap.	No – Some interaction of passive sediment plumes is possible, but the aggregate site does not overlap key herring spawning grounds and given the magnitude and short duration of potential impacts arising from Proposed Development it is concluded that there is no potential for significant cumulative effects to occur.		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) –	18.08	1	Yes	Yes	Yes - Licence exp 2026 with dredging being undertaken every 3yrs from 2016 i.e. 2016, 2019, 2022, 2025.  Commencement of the construction of the			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 Zone 1					proposed development is <b>indicatively 2024</b> therefore there is potential for overlap.			
71	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 2	18.08	1	Yes	Yes	Yes - Licence exp 2026 with dredging being undertaken every 3yrs from 2016 i.e. 2016, 2019, 2022, 2025.  <b>Commencement of the construction of the proposed development is indicatively 2024</b> therefore there is potential for overlap.			No
72	MLA/2016/00098	ROYAL YACHT SQUADRON, RYS Jubilee Haven Maintenance dredging	18.51	1	Yes	Yes	Yes - Licence exp 2026 with dredging being undertaken every 3yrs from 2016 i.e. 2016, 2019, 2022, 2025.  <b>Commencement of construction of the proposed development is indicatively 2024</b> therefore there is potential for overlap.			No
73	MLA/2016/00507/1	TARMAC LIMITED, Bedhampton Approach Channel and Berth Maintenance Dredge – Outer Area	6.94	1	Yes	Yes	Yes - Licence exp 2027 with dredging being undertaken every 2yrs from 2016			No
74	MLA/2016/00507/1	TARMAC LIMITED, Bedhampton Approach Channel and Berth Maintenance Dredge – inner area	7.51	1	Yes	Yes	Yes - Licence exp 2027 with dredging being undertaken every 2yrs from 2016			No
75	MLA/2016/00484	ROYAL NAVAL SAILING ASSOCIATION, RNSA – Hornet Capital Dredge	5.84	1	Yes	Yes	Yes - Licence exp 2027			No
76	MLA/2016/00484	ROYAL NAVAL SAILING ASSOCIATION,	5.82	1	Yes	Yes	Yes - Licence exp 2027			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?
		RNSA – Alliance Pontoon Maintenance Dredge								
77	MLA/2016/00484	ROYAL NAVAL SAILING ASSOCIATION, RNSA - Haslar Maintenance Dredge	5.8	1	Yes	Yes	Yes - Licence exp 2027			No
78	MLA/2017/00105	GOSPORT FERRY LIMITED, Gosport Ferry Clarence Wharf Maintenance Dredging	6.35	1	Yes	Yes	Yes - Licence exp 2027			No
79	MLA/2016/00446/1	COWES CORINTHIAN YACHT CLUB LIMITED, CCYC Marina maintenance dredge	18.19	1	Yes	Yes	Yes - Licence exp 2027			No
80	MLA/2017/00308	TRAFALGAR WHARF LIMITED, Trafalgar Wharf Approach Channel dredging	8.73	1	Yes	Yes	Yes - Licence exp 2027 with dredging being undertaken every 3-4yrs from 11/2017			No
81	MLA/2017/00478	DEFENCE INFRASTRUCTURE ORGANISATION, HMNB Portsmouth Maintenance Dredging and Disposal	3.47	1	Yes	Yes	Yes - Licence exp 2028 with dredging being undertaken annually on a spring neap tide	No – Some interaction of passive sediment plumes is possible, but the aggregate site does not overlap key herring spawning grounds and given the magnitude and short duration of potential impacts arising from Proposed Development it is concluded that there is no potential for significant cumulative effects to occur.		No
82	MLA/2017/00377	ISLE OF WIGHT COUNCIL, Maintenance dredging, Ryde Harbour, Isle of Wight – harbour entrance	9.03	1	Yes	Yes	Licence exp 2028 with dredging being undertaken annually in March/April	No – Some interaction of passive sediment plumes is possible, but the aggregate site does not overlap key herring spawning grounds and given the magnitude and short duration of potential impacts arising from Proposed Development it is concluded		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?
								that there is no potential for significant cumulative effects to occur.		
83	MLA/2017/00377	ISLE OF WIGHT COUNCIL, Maintenance dredging, Ryde Harbour, Isle of Wight – harbour arm	8.99	1	Yes	Yes	Yes - Licence exp 2028 with dredging being undertaken annually in Mid/Late May	No – Some interaction of passive sediment plumes is possible, but the aggregate site does not overlap key herring spawning grounds and given the magnitude and short duration of potential impacts arising from Proposed Development it is concluded that there is no potential for significant cumulative effects to occur.		No
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	Yes	Yes	Yes - Licence exp 2028 with dredging on an as and when basis	No – Some interaction of passive sediment plumes is possible, but the aggregate site does not overlap key herring spawning grounds and given the magnitude and short duration of potential impacts arising from Proposed Development it is concluded that there is no potential for significant cumulative effects to occur.		No
85	MLA/2016/00058/1	HILL HEAD SAILING CLUB, Hill Head Harbour Channel Maintenance dredging	15.09	1	Yes	Yes	Yes - Licence exp 2032 with dredging being undertaken on a 3yr cycle from 2017 i.e. 2020, 2023, 2026, 2029, 2032. 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.	No – Some interaction of passive sediment plumes is possible, but the aggregate site does not overlap key herring spawning grounds and given the magnitude and short duration of potential impacts arising from Proposed Development it is concluded that there is no potential for significant cumulative effects to occur.		No
86	MLA/2013/00451 (refused)	KENDALL BROS. (PORTSMOUTH) LIMITED,	5.33		Yes	Yes	No—Application was refused so no further			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?
		<del>Kendall's Wharf extension and capital dredge</del>					<del>consideration required as no potential for overlap.</del>			
87	MLA/2019/00064	ATHENA RACING LIMITED, INEOS Dredging and pontoon installation, Camber Dock, Portsmouth	5.18	1	Yes	Yes	Yes, potentially – 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 licence be granted by the MMO.	No – Some interaction of passive sediment plumes is possible, but the aggregate site does not overlap key herring spawning grounds and given the magnitude and short duration of potential impacts arising from Proposed Development it is predicted that there is no potential for significant cumulative effects to occur.		No
<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	Yes	Yes	Licence end date 2027	No. While some interaction of passive sediment plumes is possible, given the magnitude and short duration of potential impacts arising from Proposed Development, and the small scale of the coastal project, it is concluded that there is no potential for significant cumulative effects to occur.		No
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	Yes	Yes	Licence end date 2027	No. While some interaction of passive sediment plumes is possible, given the magnitude and short duration of potential impacts arising from Proposed Development, and the small scale of the coastal project, it is concluded that there is no potential for significant cumulative effects to occur.		No
C	MLA/2020/00376/1 and L/2021/00409/1	Haslar Marina additional pontoon berths (50 in number)	5.37	1	Yes	Yes	Licence end date Dec 2024	No. While some interaction of passive sediment plumes is possible, given the magnitude and short duration of potential impacts arising from		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?
								Proposed Development, and the small scale of the coastal project, it is concluded that there is no potential for significant cumulative effects to occur.		
88	MLA/2016/00195/1	CASTLE MARINAS LIMITED, Birdham Pool – Basin Dredge, Revetment and Pontoons – Revetment and pontoon construction	11.78	1	Yes	Yes	Licence exp 2022-  Licence restrictions mean that they cannot undertake work during freezing conditions under a Winter Wildfowling Ban.	No – Some interaction of passive sediment plumes is possible, but the aggregate site does not overlap key herring spawning grounds and given the magnitude and short duration of potential impacts arising from Proposed Development it is predicted that there is no potential for significant cumulative effects to occur.		No
89	MLA/2016/00036/2	PORTSMOUTH NAVAL BASE PROPERTY TRUST, Portsmouth Heritage Pontoon and HMS Warrior Dredging and Construction Works – Heritage Pontoon Area pontoon construction	5.55	1	Yes	Yes	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.	No – Some interaction of passive sediment plumes is possible, but the aggregate site does not overlap key herring spawning grounds and given the magnitude and short duration of potential impacts arising from Proposed Development it is predicted that there is no potential for significant cumulative effects to occur.		No
90	MLA/2016/00036/2	PORTSMOUTH NAVAL BASE PROPERTY TRUST, Portsmouth Heritage Pontoon and HMS Warrior Dredging and Construction Works – HMS Warrior pontoon construction	5.51	1	Yes	Yes	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.	No – Some interaction of passive sediment plumes is possible, but the aggregate site does not overlap key herring spawning grounds and given the magnitude and short duration of potential impacts arising from Proposed Development it is predicted that there is no potential for significant cumulative effects to occur.		No
91	MLA/2019/00117	ROBERT WYNN & SONS LIMITED, The beach landing of	12.61	1	Yes	Yes	Licence exp 05/2020 so works will be complete before work on the	No – Some interaction of passive sediment plumes is possible, but the aggregate		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?
		barge and safe discharge of cargo at Lee-on-Solent					proposed development commences. (worse case programme for construction of the Proposed Development is for 2021-2023). No overlap.	site does not overlap key herring spawning grounds and given the magnitude and short duration of potential impacts arising from Proposed Development it is predicted that there is no potential for significant cumulative effects to occur.		
92	MLA/2018/00419	SOUTHERN WATER LIMITED, Outfall jetting at Gilkicker lagoon	6.95		Yes	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.			No
93	MLA/2019/00024	SOUTHERN WATER LIMITED, Jetting at 46-Sea Lane	18.99	±	Yes	Yes	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.			No
94*	MLA/2015/00446	COWES-WEEK LIMITED, Racing marks in the Solent—Position 1	15.96	±	Yes	Yes	Yes—Licence exp 2026	No—Some interaction of passive sediment plumes is possible, but the aggregate site does not overlap key herring spawning grounds and given the magnitude and short duration of potential impacts arising from Proposed Development it is predicted that there is no potential for significant cumulative effects to occur.		No
95*	MLA/2015/00446	COWES-WEEK LIMITED, Racing marks in the Solent—Position 2	13.17	±	Yes	Yes	Yes—Licence exp 2026		No	
96*	MLA/2015/00446	COWES-WEEK LIMITED, Racing marks in the Solent—Position 3	13.61	±	Yes	Yes	Yes—Licence exp 2026		No	
97*	MLA/2015/00446	COWES-WEEK LIMITED, Racing marks in the Solent—Position 4	11.14	±	Yes	Yes	Yes—Licence exp 2026		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?
98	MLA/2018/00028	SUSTAINABLE SEAWEED LIMITED, Nearshore Seaweed Cultivation of Native Species	19.38	1	Yes	Yes	yes—application submitted to the MMO and has yet to be decided.  Potential overlap	No—cultivation of seaweed around the shoreline is not predicted to result in possible impacts which would act cumulatively with the Proposed Development.		No
99*	MLA/2019/00183	I & G CONTRACTORS LIMITED, Removal of old gas pipe in Pagham Harbour	12	1	Yes	Yes	Yes—Application submitted to the MMO and has yet to be decided.  Potential overlap	No—the proposed works are located in Pagham harbour and is not predicted to result in possible impacts which would act cumulatively with the Proposed Development.		No
100	MLA/2015/00301 (refused)	NJP ENVIRONMENTAL LIMITED, National Grid—Chilling Ceiling End Compound	18.98		Yes	Yes	No. Application refused by the MMO.  No overlap.			No
101*	MLA/2018/00447	Mr Stephen Beill, Mooring a Houseboat in Bembridge Harbour	8.6	1	Yes	Yes	Yes. Licence end date 2035	No – given the nature and scale of the project (e.g. mooring for boat house) it is concluded not to result in any potential significant cumulative effects.		No
102	MLA/2017/00174/1	PORTSMOUTH CITY COUNCIL, Portsmouth International Ferry Port—Berth 2 Deepening—Scour Mattress East removal and installation	5.42		Yes	Yes	No—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.			No
103	MLA/2017/00174/1	PORTSMOUTH CITY COUNCIL, Portsmouth International Ferry Port—Berth 2 Deepening—Scour Mattress West removal and installation	5.49		Yes	Yes	No—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.			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?
<del>104</del>	<del>MLA/2017/00203</del>	<del>PREMIER MARINAS (GOSPORT) LTD, Gosport Marina Link Pontoon to Endeavour Quay – Hoist dock removal and Link Pontoon installation</del>	<del>5.94</del>	<del>1</del>	<del>Yes</del>	<del>Yes</del>	<del>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.</del>			<del>No</del>
<del>105</del>	<del>MLA/2016/00490</del>	<del>PORTSMOUTH SAILING CLUB, Portsmouth Sailing Club Camber Dock Works</del>	<del>5.21</del>	<del>1</del>	<del>Yes</del>	<del>Yes</del>	<del>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.</del>			<del>No</del>
<del>106</del>	<del>MLA/2017/00014</del>	<del>MARITIME ARCHAEOLOGY SEA TRUST, HMS Invincible Project – rescue excavation of the Wreck</del>	<del>1.16</del>	<del>1</del>	<del>Yes</del>	<del>Yes</del>	<del>No – Licence exp 2020 however works on the application / licence were scheduled to complete in 2019. – No expected overlap</del>			<del>No</del>
107	MLA/2016/00392	TRAFALGAR WHARF LIMITED, Trafalgar Wharf Dry Stack Pontoons – extension of the existing pontoon	9.03	1	Yes	Yes	Yes - Work will be undertaken on an as and when basis until 2029. Licence restrictions mean that they cannot undertake piling between 01/11 and 15/03	No – although located in the ZOI, given the nature and scale of the works and that is not located within important herring spawning areas, it is concluded that there is no potential for significant cumulative effects to occur.		No
<del>108</del>	<del>MLA/2016/00436/2</del>	<del>PORTSMOUTH CITY COUNCIL, North Portsea Island Flood and Coastal Erosion Scheme Phase 3 – Tipner Lake</del>	<del>6.10</del>		<del>Yes</del>	<del>Yes</del>	<del>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.</del>			<del>No</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>109</del>	<del>MLA/2019/00052</del>	<del>M-L (UK) LIMITED, Trial pits to determine ground conditions for future barge landing to deliver historic landing craft</del>	<del>4.26</del>	<del>1</del>	<del>Yes</del>	<del>Yes</del>	<del>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.</del>	<del>No—Project does not overlap the herring spawning area</del>		<del>No</del>
110	MLA/2019/00095	Rampion Offshore Wind Farm - pre-emptive Export Cable Repairs	18.37	1	Yes	Yes	Work will be carried out on as and when basis until 2040	No – Project does not overlap the herring spawning area, will be of limited temporal and spatial extent, and as such it is concluded not to result significant cumulative effects.		No
<del>111</del>	<del>MLA/2019/00120</del>	<del>Rampion—recovery of various materials/debris</del>	<del>18.77</del>	<del>1</del>	<del>Yes</del>	<del>Yes</del>	<del>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.</del>			<del>No</del>
<del>112</del>	<del>MLA/2018/00395</del>	<del>MINSTED PROPERTIES LLP, Dolphin Quay—Quay (Flood) Wall Replacement and Removal of Existing</del>	<del>10.25</del>	<del>1</del>	<del>Yes</del>	<del>Yes</del>	<del>Yes—Licence exp 2023</del>	<del>No—although located in the ZOI, given the nature, scale and location of the works (i.e. quay wall replacement 10 km away from the Proposed Project), it is not expected to result in any potential significant cumulative effects.</del>		<del>No</del>
113	MLA/2014/00476/1	Warship Hazardous Prize Project Group, Archaeological investigation of Hazardous Prize 1706 - a protected wreck at risk	6.30	1	Yes	Yes	Yes - Licence exp 2046, scaffolding will be installed in March and taken out in Sept of any given year.	No – although located in the ZOI, given the nature, scale and location of the works (i.e. archaeological investigations 6 km away from the Proposed Project), it is concluded that there would not be any potential		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?
								significant cumulative effects.		
114	MLA/2018/00094	Greene King Retailing Ltd, The Folly Pontoon replacement, River Medina, IoW	17.72		Yes	Yes	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.			No
115	MLA/2018/00146	JPC Demolition LLP, Demolition of Little Susie and Xoron— demolition of derelict houseboats in Bembridge Harbour, IoW	8.63		Yes	Yes	No—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.			No
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.	1.96	1	Yes	Yes	Yes, licence end date September 2027	No – the Proposed development has no beach or intertidal activity planned -the cables will pass under the intertidal area (due to HDD methodology) and Therefore, no pathway for significant cumulative effects.		No
117	MLA/2017/00041/2 - Regional Licence for Low Impact Maintenance Works	RNLI East Division - Portsmouth Lifeboat Station. 10-year	0.90	1	Yes	Yes	Yes, licence end date 31 May 2027	No – small scale maintenance and repair activities. Potential for		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 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 5. Maintenance Activities associated with safety of lifeboat launch and recovery 6. Maintenance to beach lifeguard units 7. Navigational Dredging						limited interaction with cable installation (e.g. dredging, trenching) and operation activities. But any possible interaction will be of low magnitude, short duration and there will be no significant cumulative effects		
118*	16/00255/FUL (Portsmouth City Council T&CPA application)	<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>	0.16	1	Yes	Yes	Yes—Potential overlap—application submitted and onshore work to start 2019	No—the Proposed development has no intertidal activity. No pathway for Cumulative Effects therefore exists.	Construction complete	No
119*	14/01387/FUL PO3-5LY—Portsmouth City Council	<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</del>	4.36	1	Yes	yes	Yes, potential overlap. Planning decision for approval in February 2015. Development to be begun within 3 years.	No—the Proposed development has no beach or intertidal activity planned. No pathway for Cumulative Effects therefore exists.	Construction complete	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?
		<del>walls to abut the A2030 Eastern Road bridge to tie into the new embankments (along the alignment of the existing coastal defences).</del>								
120	19/01097/FUL (Portsmouth City Council T&CPA application) MLA/2019/00316/2	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 associated works and landscaping.	0.75	1	Yes	Yes	Licence end date is December 2031. Yes, potential overlap. Works proposed to start in March 2020 and end in May 2026 in application to MMO and Portsmouth City Council.	No – the Proposed development has no intertidal activity. No pathway for Cumulative Effects therefore exists.		No
<del>121</del>	<del>Fraser Range 19/00420/FUL Portsmouth City Council and T&amp;CPA application MLA/2019/00249</del>	<del>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</del>	<del>0</del>	<del>1</del>	<del>Yes</del>	<del>Yes</del>	<del>Yes, potential overlap. It is currently anticipated that the seawall works could take approximately 8 to 10 months within the period July 2019 to July 2022.</del>	<del>No – the Proposed Development has no beach or intertidal activity planned. The cables will pass under the intertidal area (due to HDD methodology) and therefore, no pathway for Cumulative Effects therefore exists.</del>	<del>The marine licence application for the marine works has been withdrawn.</del>	<del>No</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?
		specifically involve the creation of a rock revetment and improvements to the existing seawall.								

