



**AQUIND Limited**

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## **AQUIND INTERCONNECTOR**

Environmental Statement Addendum 3 –

Appendix 5.20 Updated Appendix 8.4

Intertidal and Benthic Habitats

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 8.4 – INTERTIDAL AND BENTHIC HABITATS CUMULATIVE ASSESSMENT MATRIX

- 1.1.1.1 This document is a 2023 updated revision (Rev. 002) of the Appendix 8.4 to Chapter 8 (Intertidal and Benthic Habitats) 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, Chapter 29 (Cumulative Effects) of the Environmental Statement ('ES') Volume 1 (document reference 6.1.29).
- 1.1.1.3 Project/plans shown in Figures 29.1 to 29.5 of the ES Volume 2 (document reference 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>. Further projects and plans have been included 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.
- 1.1.1.4 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 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) of Chapter 3 (Description of the Proposed Development) of the ES Volume 1 (document reference 6.1.3)).
- 1.1.1.6 The ID numbers in Table 1 represent the relevant polygon number 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 The Zone of Influence (ZOI) for intertidal and benthic ecology is based upon the spatial extent of the suspended sediment plumes from construction activities. Within the nearshore area (KP 0 – Kilometre Point ('KP') 21) this is 10 km from the Marine Cable Corridor and 25 km further offshore (between KP 21 and the UK / France Exclusive Economic Zone ('EEZ') Boundary Line). The ZOI may however be reduced in a north-south direction due to the predominant east-west direction of currents in the Channel.
- 1.1.1.8 Projects identified in the long list in Table 1 falling within the ZOI were screened in for further consideration.
- 1.1.1.9 The Planning Inspectorate Cumulative Effect Assessment ('CEA') Matrix from Advice note 17<sup>2</sup> has been used in compiling this data.
- 1.1.1.10 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 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 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	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.	No. There is no direct overlap between the two projects and therefore, no resulting cumulative effects. There is potential for overlap of sediment plumes but given the temporary duration and relatively low magnitude of effects, it is concluded that there will be no possible significant cumulative effect on benthic receptors.	No significant transboundary effects identified.	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.	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		Yes	Yes	Offshore Wind Farm ('OWF') is now fully operational, The Project will only be considered with regard to any possible asset management activities or maintenance activities where relevant.	No, there is limited potential for temporal and spatial overlap of activities, and given the distance between the projects, and it is concluded that there will be no significant cumulative effects		No

Cumulative Projects					Stage 1		Stage 2			
ID No.	Application /Case Ref.	Applicant and Brief Description	Distance from Project	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	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 2024. Construction programmes suggest that Rampion 2 seabed preparation (UXO and boulder clearance) activities will coincide with the Proposed Development's cable installation activities.	No. The potential overlap of activities will not lead to significant cumulative environmental effects (i.e. increases in suspended sediment) due to the coarse nature of sediments and 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.	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, a preliminary cumulative impact assessment has been conducted in the Rampion 2 PEIR Chapter 9 Benthic, Subtidal and Intertidal. This assessment includes the Proposed Development and concludes no significant cumulative effects during construction, or operation and maintenance. In relation to cumulative increases in suspended sediments from the Proposed Development and the Rampion 2 construction activities, the PEIR assessment finds no significant effects due to the small spatial overlap shared by the two projects and due to the naturally dynamic benthic environment.	No
4		LEMS (Engie), Dieppe - Le Treport	58.99	1	No	No			Latest information states that commissioning is expected in 2023.	NA

<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	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		Fécamp Offshore Wind Farm - in French EEZ	33.17 km	3	No	No				NA
<del>6</del>		<del>Cote d'Albatre OWF</del>	<del>42.52</del>	<del>1</del>	<del>No</del>	<del>No</del>				<del>NA</del>
7	MLA/2016/00209/2	NATIONAL GRID IFA2 LTD, IFA2 Electricity Interconnector	0.44	1	Yes	Yes	Licence exp 2117. <b>Construction of IFA2 is complete.</b> Works will therefore be complete before the commencement of construction of the Proposed Development ( <b>– indicatively 2024</b> ), other than possible O&M activities.  Licence restrictions mean that they cannot undertake work within 1km of the Chilling Landfall between 01/10 and 31/03.	No, there is limited potential for temporal and spatial overlap of activities, and given operational activities are considered to be of short duration, it is concluded that there will be no significant cumulative effects.		No
<del>8</del>	<del>MLA/2018/00470</del>	<del>NATIONAL GRID IFA 2 LIMITED, IFA2 Interconnector– Unexploded Ordnance Activities—DC cables redline</del>	<del>0.44</del>	<del>1</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 IFA 2 LIMITED, IFA2 Interconnector– Unexploded Ordnance Activities—AC cables redline</del>	<del>12.84</del>	<del>1</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>10</del>	<del>MLA/2018/00470</del>	<del>NATIONAL GRID IFA 2 LIMITED, IFA2 Interconnector– Unexploded Ordnance Activities—Solent detonation zone</del>	<del>5.53</del>	<del>1</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>11</del>	<del>MLA/2019/00017</del>	<del>NATIONAL GRID IFA 2 LIMITED, IFA2 Interconnector– Temporary Investigative Trial Pits</del>	<del>12.94</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</del>

Cumulative Projects					Stage 1		Stage 2			
ID No.	Application /Case Ref.	Applicant and Brief Description	Distance from Project	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?
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		No	No				NA
<b>Aggregate Dredging Projects – Figures 29.2 and 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 458	22.45	1	Yes	Yes	Licence end date 2041	No. Some interaction of passive sediment plumes is possible, however given the magnitude and short duration of potential impacts arising from Proposed Development it is concluded that no potential for significant cumulative effects exists.		No
B	MLA/2018/00323 and L/2019/00089/1	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			No
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 MARINE LIMITED Area 460	59.98	1	No	No	Licence end date 2034			No
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, however 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	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 no potential for significant cumulative effects exists.		
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, however given the magnitude and short duration of potential impacts arising from Proposed Development it is concluded that no potential for significant cumulative effects exists.		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, however given the magnitude and short duration of potential impacts arising from Proposed Development it is concluded that no potential for significant cumulative effects exists.		No
16	MLA/2012/00374/5	Tarmac Marine Dredging Ltd, Area 351 Full Term Licence Application	3.53	1	Yes	Yes	Licence exp 2035	No, some interaction of passive sediment plumes is possible, however given the magnitude and short duration of potential impacts arising from Proposed Development it is concluded that no potential for significant cumulative effects exists.		No
17	MLA/2012/00375/4	Volker Dredging Ltd, Area 351 Full Term Licence Application	3.53	1	Yes	Yes	Licence exp 2035	No, some interaction of passive sediment plumes is possible, however given the magnitude and short duration of potential impacts arising from Proposed Development it is concluded that no potential for significant cumulative effects exists.		No
18	MLA/2014/00306/1	Tarmac Marine Dredging Limited, Area 396/1 Inner Owers	7.25	1	Yes	Yes	Licence exp 2030	No, some interaction of passive sediment plumes is possible, however given the magnitude and short duration of potential impacts arising from Proposed Development it is concluded that no potential for significant cumulative effects exists.		No
19	MLA/2014/00306/1	Tarmac Marine Dredging Limited, Area 396/2 Inner Owers	10.76	1	Yes	Yes	Licence exp 2030	No, some interaction of passive sediment plumes is possible, however 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	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 no potential for significant cumulative effects exists.		
20	MLA/2014/00307/1	Hanson Aggregates Marine Limited, Area 435/1	7.33	1	Yes	Yes	Licence exp 2037	No, some interaction of passive sediment plumes is possible, however given the magnitude and short duration of potential impacts arising from Proposed Development it is concluded that no potential for significant cumulative effects exists.		No
21	MLA/2014/00307/1	Hanson Aggregates Marine Limited, Area 435/2	9.01	1	Yes	Yes	Licence exp 2037	No, some interaction of passive sediment plumes is possible, however given the magnitude and short duration of potential impacts arising from Proposed Development it is concluded that no potential for significant cumulative effects exists.		No
22	<del>34276/081209/5</del>	<del>DEME Building Materials NV, Aggregate Extraction Area 478</del>	<del>4.39</del>	<del>1</del>	<del>Yes</del>	<del>Yes</del>	<del>Yes – Licence exp 2024.</del>	<del>No, some interaction of passive sediment plumes is possible, however given the magnitude and short duration of potential impacts arising from Proposed Development it is predicted that no potential for significant cumulative effects exists.</del>		<del>No</del>
23	34328/090206/8	Volker Dredging Ltd, Aggregate Extraction Area 461	1.95	1	Yes	Yes	Yes - Licence exp 2042. Indicative commencement of the Proposed Development is 2024 so potential overlap	No, some interaction of passive sediment plumes is possible, however given the magnitude and short duration of potential impacts arising from Proposed Development it is concluded that no potential for significant cumulative effects exists.		No
24	<del>34400/090416/12</del>	<del>HANSON AGGREGATES MARINE LTD, Aggregate Extraction Areas Area 475</del>	<del>6.37</del>	<del>1</del>	<del>Yes</del>	<del>Yes</del>	<del>Licence end 2021. Worst case for commencement of the Proposed Development is 2021 so potential overlap</del>	<del>No, some interaction of passive sediment plumes is possible, however given the magnitude and short duration of potential impacts arising from Proposed Development it is predicted that no potential for significant cumulative effects exists.</del>		<del>No</del>
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	Licence exp 2041. Commencement of the Proposed Development is anticipated to be 2024 so potential overlap.	No, some interaction of passive sediment plumes is possible, however 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	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 no potential for significant cumulative effects exists.		
26	MLA/2012/00195/5	TARMAC MARINE DREDGING LIMITED, Aggregate dredging Area 395 licence renewal – Area 395/2	2.64	1	Yes	Yes	Yes - Licence exp 2027	No, some interaction of passive sediment plumes is possible, however given the magnitude and short duration of potential impacts arising from Proposed Development it is concluded that no potential for significant cumulative effects exists.		No
27	MLA/2012/00197/6	AGGREGATE INDUSTRIES UK LIMITED, Aggregate dredging Area 395 licence renewal – Area 395/1	2.34	1	Yes	Yes	Licence exp 2034	No, some interaction of passive sediment plumes is possible, however given the magnitude and short duration of potential impacts arising from Proposed Development it is concluded that no potential for significant cumulative effects exists.		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, however given the magnitude and short duration of potential impacts arising from Proposed Development it is concluded that no potential for significant cumulative effects exists.		No
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, however given the magnitude and short duration of potential impacts arising from Proposed Development it is concluded that no potential for significant cumulative effects exists.		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, however given the magnitude and short duration of potential impacts arising from Proposed Development it is concluded that no potential for significant cumulative effects exists.		No
31	MLA/2011/00302/1	CEMEX UK MARINE LIMITED, Area 407	22.48	1	Yes	Yes	Licence exp 2034	No, some interaction of passive sediment plumes is possible, however 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	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 no potential for significant cumulative effects exists.		
32		Saint – Nicolas West French Aggregate area	2.88	1	Yes	Yes	Licence issued 2013 for 30 years therefore there is potential for overlap in temporal scope (anticipated programme for commencement of construction of the Proposed Development is 2024.	No, some limited interaction with passive plume possible, however given the low magnitude and short duration of potential impacts arising from Proposed Development it is concluded that no potential for significant cumulative effects exists		No
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 (anticipated programme for commencement of construction of the Proposed Development is for 2024.	No, some limited interaction with passive plume possible, however given the low magnitude and short duration of potential impacts arising from Proposed Development it is concluded that no potential for significant cumulative effects exists		No
34		Cote d'Albatre Zone B French Aggregate area	23.37	1	No	No			Although the project is within 25 km of the Proposed Development, the modelling for dredge disposal identifies that plume extends in a predominately east – west direction. Therefore, due to the location of the aggregate area, it is concluded this is outside the ZOI.	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, some interaction of passive sediment plumes is possible, however given the magnitude and short duration of potential impacts arising from Proposed Development it is concluded that no potential for significant cumulative effects exists.		No
B	MLA/2021/00080	Boatfolk Marinas Ltd Haslar Marine Maintenance Dredging	5.38	1	Yes	Yes	Licence end date 2031	No, some interaction of passive sediment plumes is possible, however given the magnitude and short duration of potential impacts arising from Proposed Development it is concluded that no potential for significant cumulative effects exists.		No

Cumulative Projects					Stage 1		Stage 2			
ID No.	Application /Case Ref.	Applicant and Brief Description	Distance from Project	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?
C	MLA/2021/00530	RRNSA Moorings Ltd. NSA Moorings Maintenance Dredging	5.33	1	Yes	Yes	Licence end date 2032	No, some interaction of passive sediment plumes is possible, however given the magnitude and short duration of potential impacts arising from Proposed Development it is concluded that no potential for significant cumulative effects exists.		No
D	MLA/2016/00341/3	BP OIL UK Ltd. Hamble Jetty maintenance dredging	21.24	1	No	No	Licence end date 2027			No
35		NAB Tower Disposal Site (WI060)	7.97	1	Yes	Yes	Various licences dispose here at various times in the year so overlap is likely	No, some interaction of passive sediment plumes is possible, however given the magnitude and short duration of potential impacts arising from Proposed Development it is concluded that no potential for significant cumulative effects exists.		No
36		Treloar Hole Disposal Site (WI046)	5.7	1	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, some interaction of passive sediment plumes is possible, however given the magnitude and short duration of potential impacts arising from Proposed Development it is concluded that no potential for significant cumulative effects exists.		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>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 Tower W1060 of surplus sand and gravel used in the construction of East Cowes Breakwater</del>	<del>17.96</del>		<del>No</del>	<del>No</del>				<del>NA</del>
<del>39</del>	<del>MLA/2013/00371/2</del>	<del>COWES YACHT HAVEN, Maintenance Dredging 2014 – South Basin</del>	<del>18.19</del>	<del>1</del>	<del>No</del>	<del>No</del>				<del>NA</del>
<del>40</del>	<del>MLA/2013/00371/2</del>	<del>COWES YACHT HAVEN, Maintenance Dredging 2015 – North Basin</del>	<del>18.24</del>	<del>1</del>	<del>No</del>	<del>No</del>				<del>NA</del>
<del>41</del>	<del>MLA/2016/00036/2</del>	<del>PORTSMOUTH NAVAL BASE PROPERTY TRUST, Portsmouth Heritage Pontoon</del>	<del>5.55</del>	<del>1</del>	<del>Yes</del>	<del>Yes</del>	<del>No. Licence exp 05/2020 so works will be complete before work on the</del>			<del>No</del>

Cumulative Projects					Stage 1		Stage 2			
ID No.	Application /Case Ref.	Applicant and Brief Description	Distance from Project	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 HMS Warrior Dredging and Construction Works – Heritage Pontoon Area dredging					Proposed Development commences. (worse case programme for construction of the Proposed Development is for 2021-2023). No overlap.			
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	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
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 11/2020 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
46	MLA/2016/00255/2	DEAN & REDDYHOFF LIMITED, Haslar Marina Maintenance Dredge	5.7	1	Yes	Yes	Licence exp 09/2021 and dredging occurs annually. Worst case for commencement of Proposed Development is 2021 so there is potential for overlap	No, some interaction of passive sediment plumes is possible, however given the magnitude and short duration of potential impacts arising from Proposed Development it is predicted that no potential for significant cumulative effects exists.		No
47	MLA/2015/00426/2	THORNHAM MARINA LIMITED,	10.31	1	No	No				NA

Cumulative Projects					Stage 1		Stage 2			
ID No.	Application /Case Ref.	Applicant and Brief Description	Distance from Project	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?
		Thornham Marine Maintenance Dredge								
48	MLA/2016/00195/1	CASTLE MARINAS LIMITED, Birdham Pool—Basin Dredge, Revetment and pontoons—Basin Dredge	11.78	1	No	No				NA
49	MLA/2013/00321/3	PREMIER MARINAS (HAMBLE) LIMITED, Swanwick Marina Maintenance Dredge & Lifting Dock	21.67	1	No	No				NA
50	MLA/2013/00216/4	HOME AND COMMUNITIES AGENCY, Cowes Outer Harbour Project Dredge disposal renewal—fairway dredge area	18.06	1	No	No				NA
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				NA
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				NA
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				NA
54	MLA/2013/00216/4	HOME AND COMMUNITIES AGENCY, Cowes Outer Harbour Project Dredge disposal renewal—No1 Buoy Bank Dredge Area	18.51	1	No	No				NA
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				NA
56	MLA/2013/00216/4	HOME AND COMMUNITIES AGENCY, Cowes Outer Harbour Project Dredge disposal renewal—Trinity Landing	18.40	1	No	No				NA
57	MLA/2013/00216/4	HOME AND COMMUNITIES AGENCY, Cowes Outer Harbour Project Dredge	18.27	1	No	No				NA

Cumulative Projects					Stage 1		Stage 2			
ID No.	Application /Case Ref.	Applicant and Brief Description	Distance from Project	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>disposal renewal—Red Jet Terminal</del>								
58	<del>MLA/2013/00216/4</del>	<del>HOME AND COMMUNITIES AGENCY, Cowes Outer Harbour Project Dredge disposal renewal—Marina Entrance</del>	<del>18.03</del>	<del>1</del>	<del>No</del>	<del>No</del>				<del>NA</del>
59	<del>MLA/2013/00485/3</del>	<del>PREMIER MARINAS LIMITED, Chichester Marina Approach Channel dredging</del>	<del>12.88</del>	<del>1</del>	<del>No</del>	<del>No</del>				<del>NA</del>
60	<del>MLA/2014/00004/5</del>	<del>MARINA DEVELOPMENTS LIMITED, SPARKES MARINA MAINTENANCE DREDGING</del>	<del>5.53</del>	<del>1</del>	<del>Yes</del>	<del>Yes</del>	<del>Licence exp 2024 with dredging occurring 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.</del>	<del>No, some interaction of passive sediment plumes is possible, however given the magnitude and short duration of potential impacts arising from Proposed Development it is predicted that no potential for significant cumulative effects exists.</del>		<del>No</del>
61	MLA/2014/00392/6	PREMIER MARINAS LIMITED, Gosport Marina Maintenance Dredge	5.89	1	Yes	Yes	Yes - Licence exp Nov. 2024 with dredging being undertaken annually	No, some interaction of passive sediment plumes is possible, however given the magnitude and short duration of potential impacts arising from Proposed Development it is concluded that no potential for significant cumulative effects exists.		No
62	MLA/2014/00288/1	MARINA DEVELOPMENTS LIMITED, Northney Marina - Maintenance Dredging	7.49	1	Yes	Yes	Yes - Licence exp Dec. 2024 with dredging being undertaken annually during Oct - Apr	No, some interaction of passive sediment plumes is possible, however given the magnitude and short duration of potential impacts arising from Proposed Development it is concluded that no potential for significant cumulative effects exists.		No
63	MLA/2014/00420/2	PREMIER MARINAS LIMITED, Port Solent Approach Channel Dredge	7.98	1	Yes	Yes	Licence exp 2025 with dredging being undertaken annually	No, some interaction of passive sediment plumes is possible, however given the magnitude and short duration of potential impacts arising from Proposed Development it is concluded that no potential for significant cumulative effects exists.		No
64	MLA/2014/00592/3	ABP Southampton - Maintenance Dredge Licence – Solent Approaches	15.25	1	No	No			Licence exp 2025 with dredging being undertaken on an as and when basis	NA
65	MLA/2014/00592/2	ABP Southampton - Maintenance Dredge Licence – Nab Channel	1.48	1	Yes	Yes	Licence exp 2025 with dredging being undertaken on an as and when basis	No, some interaction of passive sediment plumes is possible, however given the magnitude		No



Cumulative Projects					Stage 1		Stage 2			
ID No.	Application /Case Ref.	Applicant and Brief Description	Distance from Project	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 concluded that no potential for significant cumulative effects exists.		
66	MLA/2015/00216/1	PREMIER MARINAS (SOUTHSEA) LIMITED, Southsea Marina Maintenance Dredge of Marina Entrance	1.66	1	Yes	Yes	Licence exp 2025 with dredging being undertaken in years 1, 5 and 10 i.e. 2015, 2020 & 2025.  The Proposed Development will be constructed between 2024 – 2026 based on the indicative programme, therefore will be constructed between campaigns. No overlap expected.	No, some interaction of passive sediment plumes is possible, however given the magnitude and short duration of potential impacts arising from Proposed Development it is concluded that no potential for significant cumulative effects exists.		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				NA
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				NA
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				NA
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				NA
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	No	No				NA

Cumulative Projects					Stage 1		Stage 2			
ID No.	Application /Case Ref.	Applicant and Brief Description	Distance from Project	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?
72	MLA/2016/00098	ROYAL YACHT SQUADRON, RYS Jubilee Haven Maintenance dredging	18.51	1	No	No				NA
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, some interaction of passive sediment plumes is possible, however given the magnitude and short duration of potential impacts arising from Proposed Development it is concluded that no potential for significant cumulative effects exists.		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, some interaction of passive sediment plumes is possible, however given the magnitude and short duration of potential impacts arising from Proposed Development it is concluded that no potential for significant cumulative effects exists.		No
75	MLA/2016/00484	ROYAL NAVAL SAILING ASSOCIATION, RNSA – Hornet Capital Dredge	5.84	1	Yes	Yes	Yes - Licence exp 2027	No, some interaction of passive sediment plumes is possible, however given the magnitude and short duration of potential impacts arising from Proposed Development it is concluded that no potential for significant cumulative effects exists.		No
76	MLA/2016/00484	ROYAL NAVAL SAILING ASSOCIATION, RNSA – Alliance Pontoon Maintenance Dredge	5.82	1	Yes	Yes	Licence exp 2027	No, some interaction of passive sediment plumes is possible, however given the magnitude and short duration of potential impacts arising from Proposed Development it is concluded that no potential for significant cumulative effects exists.		No
77	MLA/2016/00484	ROYAL NAVAL SAILING ASSOCIATION, RNSA - Haslar Maintenance Dredge	5.8	1	Yes	Yes	Licence exp 2027	No, some interaction of passive sediment plumes is possible, however given the magnitude and short duration of potential impacts arising from Proposed Development it is concluded that no potential for significant cumulative effects exists.		No
78	MLA/2017/00105	GOSPORT FERRY LIMITED, Gosport Ferry Clarence Wharf Maintenance Dredging	6.35	1	Yes	Yes	Yes - Licence exp 2027	No, some interaction of passive sediment plumes is possible, however given the magnitude and short duration of potential impacts arising from Proposed		No

Cumulative Projects					Stage 1		Stage 2			
ID No.	Application /Case Ref.	Applicant and Brief Description	Distance from Project	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?
								Development it is concluded that no potential for significant cumulative effects exists.		
79	MLA/2016/00446/1	COWES CORINTHIAN YACHT CLUB LIMITED, CCYC Marina maintenance dredge	18.19	1	No	No				NA
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, some interaction of passive sediment plumes is possible, however given the magnitude and short duration of potential impacts arising from Proposed Development it is concluded that no potential for significant cumulative effects exists.		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, however given the magnitude and short duration of potential impacts arising from Proposed Development it is concluded that no potential for significant cumulative effects exists.		No
82	MLA/2017/00377	ISLE OF WIGHT COUNCIL, Maintenance dredging, Ryde Harbour, Isle of Wight – harbour entrance	9.03	1	Yes	Yes	Yes - Licence exp 2028 with dredging being undertaken annually in March/April	No, some interaction of passive sediment plumes is possible, however given the magnitude and short duration of potential impacts arising from Proposed Development it is concluded that no potential for significant cumulative effects exists.		No
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, however given the magnitude and short duration of potential impacts arising from Proposed Development it is concluded that no potential for significant cumulative effects exists.		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	No	No				NA
85	MLA/2016/00058/1	HILL HEAD SAILING CLUB, Hill Head Harbour Channel Maintenance dredging	15.09	1	No	No				NA

Cumulative Projects					Stage 1		Stage 2			
ID No.	Application /Case Ref.	Applicant and Brief Description	Distance from Project	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?
86	MLA/2013/00451 (refused)	KENDALL-BROS- (PORTSMOUTH) LIMITED, Kendall's Wharf extension and capital dredge	5.33		Yes	Yes	No.  Application was refused so no further consideration required as no potential for overlap.			No
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, however given the magnitude and short duration of potential impacts arising from Proposed Development it is predicted that no potential for significant cumulative effects exists.		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	No	No	Licence end date 2027			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, some interaction of passive sediment plumes is possible, however given the magnitude and short duration of potential impacts arising from Proposed Development it is concluded that no potential for significant cumulative effects exists.		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, some interaction of passive sediment plumes is possible, however given the magnitude and short duration of potential impacts arising from Proposed Development it is concluded that no potential for significant cumulative effects exists.		No
88	MLA/2016/00195/1	CASTLE-MARINAS LIMITED, Birdham Pool – Basin Dredge, Revetment and pontoons – Revetment and pontoon construction	11.78	1	No	No				NA
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	No. Licence exp 05/2020 so works will be complete before work on the Proposed Development commences. (worse case programme for construction of the			No

Cumulative Projects					Stage 1		Stage 2			
ID No.	Application /Case Ref.	Applicant and Brief Description	Distance from Project	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>Proposed Development is for 2021-2023). No overlap.</del>			
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	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
91	MLA/2019/00117	ROBERT WYNN & SONS LIMITED, The beach landing of barge and safe discharge of cargo at Lee on Solent	12.61	1	No	No				NA
92	MLA/2018/00419	SOUTHERN WATER LIMITED, Outfall jetting at Gilkicker lagoon	6.95	1	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
93	MLA/2019/00024	SOUTHERN WATER LIMITED, Jetting at 46 Sea Lane	18.99	1	No	No				NA
94*	MLA/2015/00446	COWES WEEK LIMITED, Racing marks in the Solent— Position 1	15.96	1	No	No				NA
95*	MLA/2015/00446	COWES WEEK LIMITED, Racing marks in the Solent— Position 2	13.17	1	No	No				NA
96*	MLA/2015/00446	COWES WEEK LIMITED, Racing marks in the Solent— Position 3	13.61	1	No	No				NA
97*	MLA/2015/00446	COWES WEEK LIMITED, Racing marks in the Solent— Position 4	11.14	1	No	No				NA
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.	NA
99*	MLA/2019/00183	I & G CONTRACTORS LIMITED, Removal of old gas pipe in Paghham Harbour	12	1	No	No			Application submitted to the MMO and has yet to be decided.	NA
100	MLA/2015/00301 (refused)	NJP ENVIRONMENTAL LIMITED, National Grid—Chilling Ceiling End Compound	18.98		No	No			Application refused by the MMO.	NA

Cumulative Projects					Stage 1		Stage 2				
ID No.	Application /Case Ref.	Applicant and Brief Description	Distance from Project	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	Yes	Yes	Yes. Licence end date 2035	No, some interaction of passive sediment plumes is possible, however given the magnitude and short duration of potential impacts arising from Proposed Development it is concluded that no potential for significant cumulative effects exists.		No	
<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>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>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>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>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	9.03	1	Yes	Yes	Yes. Work will be undertaken on an as and when basis until 2029. Licence	No, some interaction of passive sediment plumes is possible, however given the magnitude	Some interaction of passive plume possible, however level of impact arising from Proposed	No	

Cumulative Projects					Stage 1		Stage 2			
ID No.	Application /Case Ref.	Applicant and Brief Description	Distance from Project	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?
		Pontoons – extension of the existing pontoon					restrictions mean that they cannot undertake piling between 01/11 and 15/03	and short duration of potential impacts arising from Proposed Development it is concluded that no potential for significant cumulative effects exists.	Development is such that no potential for significant cumulative effects exists.	
<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>
<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</del>
110	MLA/2019/00095	Rampion Offshore Wind Farm - pre-emptive Export Cable Repairs	18.37	1	No	No				NA
<del>111</del>	<del>MLA/2019/00120</del>	<del>Rampion—recovery of various materials/debris</del>	<del>18.77</del>	<del>1</del>	<del>No</del>	<del>No</del>				<del>NA</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>No</del>	<del>No</del>				<del>NA</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	Licence exp 2046, scaffolding will be installed in March and taken out in Sept of any given year	No, some interaction of passive sediment plumes is possible, however given the magnitude and short duration of potential impacts arising from Proposed Development it is concluded that no potential for significant cumulative effects exists.		No
<del>114</del>	<del>MLA/2018/00094</del>	<del>Greene King Retailing Ltd, The Folly Pontoon replacement, River Medina, IoW</del>	<del>17.72</del>		<del>No</del>	<del>No</del>				<del>NA</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>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</del>			<del>No</del>

Cumulative Projects					Stage 1		Stage 2			
ID No.	Application /Case Ref.	Applicant and Brief Description	Distance from Project	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>Proposed Development is for 2021-2023). 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	Yes	Yes	Yes, licence end date September 2027	No, some interaction of passive sediment plumes is possible, however given the magnitude and short duration of potential impacts arising from Proposed Development it is concluded that no potential for significant cumulative effects exists.		No
117	MLA/2017/00041/2 - 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 5. Maintenance Activities associated with safety of lifeboat launch and recovery 6. Maintenance to beach lifeguard units 7. Navigational Dredging	1.96	1	Yes	Yes	Yes, licence end date 31 May 2027	No, some interaction of passive sediment plumes is possible, however given the magnitude and short duration of potential impacts arising from Proposed Development it is concluded that no potential for significant cumulative effects exists.		No
<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>Yes</del>	<del>Yes</del>	<del>Potential overlap - application submitted and onshore work to start 2019</del>	<del>No, some interaction of passive sediment plumes is possible, however given the magnitude and short duration of potential impacts arising from Proposed Development it is predicted that no potential for significant cumulative effects exists.</del>	<del>Construction complete</del>	<del>No</del>
<del>119*</del>	<del>14/01387/ FUL PO3 5LY - Portsmouth City Council</del>	<del>Coastline Between Ports Creek Railway Bridge And Kendall's Wharf Portsmouth - Construction of new coastal defences consisting of raised</del>	<del>4.36</del>	<del>1</del>	<del>Yes</del>	<del>Yes</del>	<del>Yes, potential overlap. Planning decision for approval in February 2015. Development to be begun within 3 years.</del>	<del>No, some interaction of passive sediment plumes is possible, however given the magnitude and short duration of potential impacts arising from Proposed</del>	<del>Construction complete</del>	<del>No</del>



Cumulative Projects					Stage 1		Stage 2			
ID No.	Application /Case Ref.	Applicant and Brief Description	Distance from Project	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>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>Development it is predicted that no potential for significant cumulative effects exists.</del>		
120	19/01097/FUL (Portsmouth City Council T&CPA application) Eastern Solent Coastal Partnership 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 are proposed to start in March 2020 until May 2026 in application submitted to the MMO and Portsmouth City Council.	No, some interaction of passive sediment plumes is possible, however given the magnitude and short duration of potential impacts arising from Proposed Development it is concluded that no potential for significant cumulative effects exists.		No
<del>121</del>	<del>Fraser Range (19/00420/FUL) and MLA/2019/00249 Investin Portsmouth Limited</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 specifically involve the creation of a rock revetment and improvements to the existing seawall.</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, some interaction of passive sediment plumes is possible, however given the magnitude and short duration of potential impacts arising from Proposed Development it is predicted that no potential for significant cumulative effects exists.</del>	<del>The marine licence application for the marine works has been withdrawn.</del>	<del>No</del>

