



AQUIND Limited

AQUIND INTERCONNECTOR

Environmental Statement Addendum 3 –

Appendix 5.18 Updated Appendix 6.4

Physical Processes

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: 7.8.3.28

PINS Ref.: EN020022

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PINS REF.: EN020022

DOCUMENT: 7.8.3.28

DATE: 28 APRIL 2023

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APPENDIX 6.4 – PHYSICAL PROCESSES CUMULATIVE ASSESSMENT MATRIX

- 1.1.1.1 This document is a 2023 updated revision (Rev. 002) of the Appendix 6.4 to Chapter 6 (Physical Processes) 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 6 (Physical Processes) of the Environmental Statement ('ES') Volume 1 (document reference 6.1.6) and Chapter 29 (Cumulative Effects) of the 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 System¹. Further projects and plans have been included from the Planning Inspectorate's ('PINS') Programme of Projects and relevant Local Planning Authority ('LPA') planning portals, and where relevant the Crown Estate Maps and Geographical Information Systems ('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 portals. 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 number in Table 1 represents 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.
- 1.1.1.7 The Zone of Influence ('ZOI') for physical processes is 25 km from the Marine Cable Corridor, based upon the spatial extent of the suspended sediment plumes from construction activities. 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 Matrix from Advice note 17² has been used in compiling this data.
- 1.1.1.10 The PINS matrix uses three tiers to classify the stage of a project:

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

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

- Tier 1, projects that are: under construction³; 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.

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

Table 1 Cumulative Assessment Matrix

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?
Major Projects (Offshore Wind Farms, Interconnector Cables, Oil and Gas) – Figures 29.1 and 29.2										
1	None	AQUIND Interconnector in French Exclusive Economic Zone ('EEZ') and French Territorial Waters.	0	2	Yes	Yes	Yes, there will be overlap in temporal scope – this is the French part of the Project.	Yes		Yes
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 cannot 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 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	No	Though this development is within the ZOI, no significant impacts on physical processes during the operational phase of the development are anticipated.	No
3	EN010117	RWE / Rampion offshore wind limited,	0 (extension area overlaps)	2	Yes	Yes	Construction at Rampion ⁴ is due to start in 2026, so there is possible overlap with UXO	No	Though the Rampion extension overlaps the proposed development, no significant cumulative effects are predicted. Cumulative	No

⁴ <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.

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?
		Rampion Wind Farm Extension	Proposed Development)				and boulder clearance work (Section 4.5 of Rampion 2 PEIR Chapter 4 The Proposed Development ⁵) as the commencement of construction of the Proposed Development is indicatively 2024. Construction programmes suggest that Rampion 2 seabed preparation (UXO and boulder clearance) activities will coincide with the Proposed Development's cable installation activities.		effects are of principal concern only where the timing of construction activities overlap, due to the predicted greater magnitude, duration, and extent of impacts (when compared to the operation and maintenance phase). If construction activities do coincide, potential cumulative effects associated with the liberation of sediments into suspension could result in enhanced SSC across the area. However, consideration of the best available information indicates that overlaps in the construction programme would be limited to seabed preparation activities only. Consequently, due to the highly localised, low magnitude impacts associated with these activities, cumulative effects are predicted to be of low magnitude and thus of minor significance. Furthermore, 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 these works do not yet have an application submitted. During the operational phase, there is potential that there could be temporal overlap of operational activities between the two projects including for cable repair/replacement. However, again such activities will result in SSC increases which are of low magnitude, limited spatial extent and short duration (days to weeks), and	

⁵ <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?
									therefore it is predicted that any cumulative effects are of minor significance. Other potential cumulative effects during the operational phase such as the impacts associated with the installation of windfarm infrastructure (in the water column and at the seabed) on the HD, wave and sediment transport regimes are also considered to be of negligible magnitude and thus of negligible significance as the impacts are localised and of low magnitude.	
4	N/A	LEMS (Engie), Dieppe - Le Treport	58.99	1	No	No	NA	NA	Latest information states that commissioning is expected in 2023.	NA
5	N/A	Fécamp Offshore Wind Farm - in French EEZ	33.17	3	No	No	NA	NA	NA	NA
6	N/A	Cote d'Albatre OWF	42.52	1	No	No	NA	NA	NA	NA
7	MLA/2016/00209/2	NATIONAL GRID IFA2 LTD, IFA2 Electricity Interconnector	0.44	1	Yes	Yes	Yes. Licence exp 2117 with construction completed in 2020. Construction works will therefore be complete before the commencement of construction of the Proposed Development (indicatively 2024), however, the operational effects from the IFA2 project is relevant to the CEA.	Yes	Licence restrictions mean that they cannot undertake work within 1km of the Chilling Landfall between 01/10 and 31/03.	Yes
8	MLA/2018/00470	NATIONAL GRID IFA-2 LIMITED, IFA2 Interconnector - Unexploded Ordnance Activities - DC cables redline	0.44	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.	NA	NA	No
9	MLA/2018/00470	NATIONAL GRID IFA-2 LIMITED, IFA2 Interconnector - Unexploded Ordnance Activities - AC cables redline	12.84	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.	NA	NA	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?	
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.	NA	NA	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.	NA	NA	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 Proposed Development.	41	3	No	No	NA	NA	NA	NA	
Aggregate Dredging Projects – Figures 29.2 and 29.3											
A	L/2019/00089/1 Area 1803 Bassurelle Extension, Site BX 458	CEMEX Marine UK Ltd - Area 1803 Bassurelle Extension, Site BX 464	22.45	1	Yes	Yes	Licence end date 2041	No – limited interaction anticipated due to the distance from project.		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?
B	L/2019/00089/1	CEMEX Marine UK Ltd - Area 1803 Bassurelle Extension, Site BX 464	30.52	1	No	No	Licence end date 2041			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 predicted that there is no potential for significant cumulative effects to occur.	NA	No
14	MLA/2012/00319/6	Volker Dredging Ltd, Area 340 15 Year Marine Licence	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 predicted that there is no potential for significant cumulative effects to occur.	NA	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	NA	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?
								possible, however 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.		
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 – 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 there is no potential for significant cumulative effects to occur.	NA	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 – 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 there is no potential for significant cumulative effects to occur.	NA	No
18	MLA/2014/00306/1	Tarmac Marine Dredging Limited, Area 396 Inner Owers	7.25	1	Yes	Yes	Yes. Licence exp 2030	No – Some interaction of passive sediment plumes is possible, however given the magnitude	NA	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 Inner Owers	10.76	1	Yes	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 predicted that there is no potential for significant cumulative effects to occur.	NA	No
20	MLA/2014/00307/1	Hanson Aggregates Marine Limited, Area 435/1	7.33	1	Yes	Yes	Yes. Licence exp 2037	No – there will be no significant cumulative effect given the negligible contribution from the Proposed Development to the large volume of dredging activity that will be ongoing within the licenced aggregate extraction area.	NA	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, however given the magnitude and short duration of potential impacts arising from Proposed	NA	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?
								Development it is predicted that there is no potential for significant cumulative effects to occur.		
22	34276/081209/5	DEME Building Materials NV, Aggregate Extraction Area 478	4.39	1	Yes	Yes	Yes. Licence exp 2024.	No – the additional activities undertaken as part of the Proposed Development will not significantly add to the impact of the large volume of dredging activity that will be ongoing within the licenced aggregate extraction area.	NA	No
23	34328/090206/8	Volker Dredging Ltd, Aggregate Extraction Area 461	1.95	1	Yes	Yes	Yes. Licence exp 2042. Indicative commencement for construction 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 predicted that there is no potential for significant cumulative effects to occur.	NA	No
24	34400/090416/12	HANSON AGGREGATES MARINE LTD, Aggregate Extraction Areas 473, 474, 475 – Area 475	6.37	1	Yes	Yes	Yes. Licence end 2021. Worst case for commencement of the Proposed Development is 2021 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 predicted that there is no potential for significant	NA	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?
								cumulative effects to occur.		
25	34400/090416/12 MLA/2021/00177 for 473-1 and 473-2 The three southerly polygons no longer exist.	HANSON AGGREGATES MARINE LTD, Aggregate Extraction Areas 473, 474 East, West and Central	22.18	1	Yes	Yes	Yes. Licence end date 2041. Indicative commencement for construction 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 predicted that there is no potential for significant cumulative effects to occur.	NA	No
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 predicted that there is no potential for significant cumulative effects to occur.	NA	No
27	MLA/2012/00197/6	AGGREGATE INDUSTRIES UK LIMITED, Aggregate dredging Area 395 licence renewal – Area 395/1	2.34	1	Yes	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 predicted that there is no potential for significant cumulative effects to occur.	NA	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?
28	MLA/2015/00431/1	TARMAC MARINE DREDGING LIMITED, Area 488	10.51	1	Yes	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 predicted that there is no potential for significant cumulative effects to occur.	NA	No
29	MLA/2015/00432/1	CEMEX UK MARINE LIMITED, Area 453	12.21	1	Yes	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 predicted that there is no potential for significant cumulative effects to occur.	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
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 predicted that there is no potential for significant cumulative effects to occur.	NA	No
31	MLA/2011/00302/1	CEMEX UK MARINE LIMITED, Area 407	22.48	1	Yes	Yes	Yes. Licence exp 2034	No – Some interaction of passive	NA	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?
								sediment plumes is possible, however 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.		
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 (indicative commencement for construction of the Proposed Development is 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 predicted that there is no potential for significant cumulative effects to occur.	NA	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 (indicative commencement for construction of the Proposed Development is for 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 predicted that there is no potential for significant cumulative effects to occur.	NA	No
34		Cote d’Albatre Zone B French Aggregate area	23.37	1	No	No	NA	NA	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.	NA

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?
									As the aggregate site is south of the proposed project and is 23 km away, it is considered to be outside the ZOI. Licence issued 2013 for 30 years	
Dredging and disposal Projects – Figure 29.4										
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 Indicative commencement for construction of the Proposed Development is 2024 so potential overlap.	No – While some interaction of passive sediment plumes is possible where operations coincide with dredging operations, given the magnitude and short duration of potential impacts arising from the Proposed Development it is predicted 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 Indicative commencement for construction of the Proposed Development is 2024so potential overlap.	No – While some interaction of passive sediment plumes is possible where operations coincide with dredging operations, given the magnitude and short duration of potential impacts arising from the Proposed Development it is predicted 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 where operations coincide with dredging		No

Cumulative Projects					Stage 1		Stage 2			
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								operations, given the magnitude and short duration of potential impacts arising from the Proposed Development it is predicted that there is no 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 where operations coincide with dredging operations, given the magnitude and short duration of potential impacts arising from the Proposed Development it is predicted that there is no potential for significant cumulative effects to occur.		No
35		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 predicted that there is no potential for significant cumulative effects to occur.	NA	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?	
36		Treloar Hole Disposal Site (WI046)	5.7	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 predicted that there is no potential for significant cumulative effects to occur.	NA	No	
37	MLA/2017/00174/1	PORTSMOUTH CITY COUNCIL, Portsmouth International Ferry Port – Berth 2 Deepening	5.44	1	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.	NA	NA	No	
38	MLA/2016/00143/2	BOSKALIS WESTMINSTER LTD, Disposal to Nab Tower W1060 of surplus sand and gravel used in the construction of East Cowes Breakwater	17.96	1	Yes	Yes	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.	NA	NA	No	
39	MLA/2013/00371/2	COWES YACHT HAVEN, Maintenance Dredging 2014 – South Basin	18.19	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.	NA	NA	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?	
40	MLA/2013/00371/2	COWES YACHT HAVEN, Maintenance Dredging 2015 – North Basin	18.24	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.	NA	NA	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	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.	NA	NA	No	
42	MLA/2016/00036/2	PORTSMOUTH NAVAL BASE PROPERTY TRUST, Portsmouth Heritage Pontoon and HMS Warrior Dredging and Construction Works – HMS Warrior dredging	5.51	1	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.	NA	NA	No	
43	MLA/2018/00167	PREMIER MARINAS (GOSPORT) LIMITED, Gosport Marina – Endeavour Quay Link Pontoon Dredge – Keel Pocket	5.51	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.	NA	NA	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.	NA	NA	No	
45	MLA/2016/00433/1	KENDALL BROS. (PORTSMOUTH) LIMITED,	5.21	1	Yes	Yes	No-	NA	NA	No	

Cumulative Projects					Stage 1		Stage 2			
ID No.	Application /Case Ref.	Applicant and Brief Description	Distance from Project (km)	Tier	Within Zone of influence (ZOI)?	Progress to stage 2?	Overlap in temporal scope?	Scale and nature of development likely to be significant effect?	Other Factors	Progress to Stage 3/4?
		Maintenance Dredging at Kendall's Wharf					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.			
45	MLA/2016/00255/2	DEAN & REDDYHOFF LIMITED, Haslar Marina Maintenance Dredge	5.7	1	Yes	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—While some interaction of passive sediment plumes is possible, 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.	NA	No
47	MLA/2015/00426/2	THORNHAM MARINA LIMITED, Thornham Marine Maintenance Dredge	10.31	1	Yes	Yes	Yes. Licence exp 2022 with dredging occurring at any time. Worst case for commencement of Proposed Development is 2021 so there is potential for overlap.	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 predicted that there is no potential for significant cumulative effects to occur.	Licence restrictions mean that the licence holder can only dispose to Treloar Hole between 01/10 and 30/04	No
48	MLA/2016/00195/1	CASTLE MARINAS LIMITED, Birdham Pool—Basin Dredge, Revetment and pontoons—Basin Dredge	11.78	1	Yes	Yes	Yes. Licence exp 2022. Worst case for commencement of Proposed Development is 2021 so there is potential for overlap.	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 predicted that there	Licence restrictions mean that they cannot undertake work during freezing conditions under a Winter Wildfowling Ban.	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?
								is no potential for significant cumulative effects to occur.		
49	MLA/2013/00321/3	PREMIER MARINAS (HAMBLE) LIMITED, Swanwick Marina Maintenance-Dredge & Lifting Deck	21.67	1	Yes	Yes	Yes. Licence exp-2023 with dredging being undertaken during Oct—Apr. Worst case for commencement of Proposed Development is 2021 so there is potential for overlap.	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 predicted that there is no potential for significant cumulative effects to occur.	NA	No
50	MLA/2013/00216/4	HOME AND COMMUNITIES AGENCY, Cowes Outer Harbour Project Dredge disposal renewal—fairway dredge area	18.06	1	Yes	Yes	Yes. Licence exp-2024. Worst case for commencement of Proposed Development is 2021 so there is potential for overlap.	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 predicted that there is no potential for significant cumulative effects to occur.	NA	No
51	MLA/2013/00216/4	HOME AND COMMUNITIES AGENCY, Cowes Outer Harbour Project Dredge disposal renewal—Mooring field dredge area	18.02	1	Yes	Yes	Yes. Licence exp-2024 with dredging being undertaken on an as and when basis. Worst case for commencement of Proposed Development is 2021 so there is potential for overlap.		NA	No
52	MLA/2013/00216/4	HOME AND COMMUNITIES AGENCY, Cowes Outer Harbour Project Dredge disposal renewal—Eastern Channel Dredge Area	17.87	1	Yes	Yes	Yes. Licence exp-2024 with dredging being undertaken on an as and when basis. Commencement of Proposed Development is 2021 so there is potential for overlap.		NA	No
53	MLA/2013/00216/4	HOME AND COMMUNITIES AGENCY, Cowes Outer Harbour Project Dredge disposal renewal—Marina Basin Dredge Area	17.83	1	Yes	Yes	Yes. Licence exp-2024 with dredging being undertaken on an as and when basis. Commencement of Proposed		NA	No

Cumulative Projects					Stage 1		Stage 2		Scale and nature of development likely to be significant effect?	Other Factors	Progress to Stage 3/4?
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?				
							Development is 2021 so there is potential for overlap.				
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. Commencement of Proposed Development is 2021 so there is potential for overlap.		NA	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. Commencement of Proposed Development is 2021 so there is potential for overlap.		NA	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. Commencement of Proposed Development is 2021 so there is potential for overlap.		NA	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. Commencement of Proposed Development is 2021 so there is potential for overlap.		NA	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. Commencement of Proposed Development is 2021 so there is potential for overlap.		NA	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. Commencement of Proposed Development is 2021 so there is potential for overlap.	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 predicted that there	NA	No	
60	MLA/2014/00004/5	MARINA DEVELOPMENTS LIMITED, SPARKES MARINA MAINTENANCE DREDGING	6.53	1	Yes	Yes	Yes. Licence exp 2024 with dredging occurring every year		Works can only be undertaken in Oct – Apr.	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?
							in the Dry Boat Sailing Area and at least every 4 years from 2014 in the main basin area. Commencement of Proposed Development is 2021 so there is potential for overlap.	is no potential for significant cumulative effects to occur.		
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. Commencement of Proposed Development is indicatively 2024 so there is potential for overlap.		NA	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. Commencement of Proposed Development is indicatively 2024 so there is potential for overlap.		NA	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. Commencement of Proposed Development is indicatively 2024 so there is potential for overlap.		NA	No
64	MLA/2014/00592/3	ABP Southampton - Maintenance Dredge Licence – Solent Approaches	15.24	1	Yes	Yes	Yes. Licence exp 2025 with dredging being undertaken on an as and when basis. Commencement of Proposed Development is indicatively 2024 so there is potential for overlap.		NA	No
65	MLA/2014/00592/2	ABP Southampton - Maintenance Dredge Licence – Nab Channel	1.492	1	Yes	Yes	Yes. Licence exp 2025 with dredging being undertaken on an as and when basis. Commencement of Proposed Development is indicatively 2024 so there is potential for overlap. Licence exp 2025 with dredging being		NA	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?
							undertaken on an as and when basis			
66	MLA/2015/00216/1	PREMIER MARINAS (SOUTHSEA) LIMITED, Southsea Marina Maintenance Dredge of Marina Entrance	1.66	1	Yes	Yes	Yes. Licence exp 2025 with dredging being undertaken in years 1, 5 and 10 i.e. 2015, 2020 & 2025. Indicative commencement of construction of the Proposed Development is 2024, therefore will be constructed between campaigns. Therefore, possible overlap between dredging in 2025 and operation of the Proposed Project.		NA	No
67	MLA/2016/00025/2	ESSO PETROLEUM COMPANY LIMITED, Esso Fawley Marine Terminal Maintenance Dredging and Disposal Licence Renewal	20.6	1	Yes	Yes	Yes. Licence exp 2026 with dredging being undertaken 1-2 times per year when needed. Commencement of Proposed Development is indicatively 2024 so there is potential for overlap.		NA	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 – While some interaction of passive sediment plumes is possible, 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.	NA	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.		NA	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?
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	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 – While some interaction of passive sediment plumes is possible, 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.	NA	No
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. Commencement of construction of the Proposed Development is indicatively 2024 therefore there is potential for overlap.		NA	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. Commencement of construction of the Proposed Development is indicatively 2024 therefore there is potential for overlap.		NA	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. Commencement of construction of the Proposed Development is indicatively 2024 therefore there is potential for overlap.		NA	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.	NA	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?
							Commencement of construction of the Proposed Development is indicatively 2024 therefore there is potential for overlap.			
75	MLA/2016/00484	ROYAL NAVAL SAILING ASSOCIATION, RNSA – Hornet Capital Dredge	5.84	1	Yes	Yes	Yes. Licence exp 2027. Commencement of construction of the Proposed Development is indicatively 2024 therefore there is potential for overlap.	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 predicted that there is no potential for significant cumulative effects to occur.	NA	No
76	MLA/2016/00484	ROYAL NAVAL SAILING ASSOCIATION, RNSA – Alliance Pontoon Maintenance Dredge	5.82	1	Yes	Yes	Yes. Licence exp 2027. Commencement of construction of the Proposed Development is indicatively 2024 therefore there is potential for overlap.		NA	No
77	MLA/2016/00484	ROYAL NAVAL SAILING ASSOCIATION, RNSA - Haslar Maintenance Dredge	5.8	1	Yes	Yes	Yes. Licence exp 2027. Commencement of construction of the Proposed Development is indicatively 2024 therefore there is potential for overlap.		NA	No
78	MLA/2017/00105	GOSPORT FERRY LIMITED, Gosport Ferry Clarence Wharf Maintenance Dredging	6.35	1	Yes	Yes	Yes. Licence exp 2027. Commencement of construction of the Proposed Development is indicatively 2024 therefore there is potential for overlap.		NA	No
79	MLA/2016/00446/1	COWES CORINTHIAN YACHT CLUB LIMITED, CCYC Marina maintenance dredge	18.19	1	Yes	Yes	Yes. Licence exp 2027. Commencement of construction of the Proposed Development is indicatively 2024 therefore there is potential for overlap.		NA	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.	NA	No	
81	MLA/2017/00478	DEFENCE INFRASTRUCTURE ORGANISATION, HMNB Portsmouth	3.47	1	Yes	Yes	Yes. Licence exp 2028 with dredging being undertaken	NA	No	

Cumulative Projects					Stage 1		Stage 2			
ID No.	Application /Case Ref.	Applicant and Brief Description	Distance from Project (km)	Tier	Within Zone of influence (ZOI)?	Progress to stage 2?	Overlap in temporal scope?	Scale and nature of development likely to be significant effect?	Other Factors	Progress to Stage 3/4?
		Maintenance Dredging and Disposal					annually on a spring neap tide. Commencement of construction of the Proposed Development is indicatively 2024 therefore there is potential for overlap.			
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. Commencement of construction of the Proposed Development is indicatively 2024 . therefore, there is potential for overlap.	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 predicted that there is no potential for significant cumulative effects to occur.	NA	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.		NA	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.		NA	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.		NA	No
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.	NA	NA	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?
87	MLA/2019/00064	ATHENA RACING LIMITED, INEOS Dredging and pontoon installation, Camber Dock, Portsmouth	5.18	1	Yes	Yes	Application has been submitted to the MMO and has yet to be determined. 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 – While some interaction of passive sediment plumes is possible, 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.	NA	No
Coastal Projects – Figure 29.5										
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 – Local flood defence projects are not anticipated to have significant effects on macro, and regional scale, coastal processes and thus it is predicted 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 – Local ground investigations due to their scale and magnitude are not anticipated to have significant effects on macro, and regional scale, coastal processes and thus it is predicted 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 – extension of an existing marina is not anticipated to have significant effects on		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?	
								macro, and regional scale, coastal processes and thus it is predicted 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	Yes. Licence exp 2022.	No—the addition of the activities undertaken as part of these works will not significantly add to the impact of the Proposed Development on physical processes.	Licence restrictions mean that they cannot undertake work during freezing conditions under a Winter Wildfowling Ban.	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	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.	NA	NA	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	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.	NA	NA	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	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.	NA	NA	No	
92	MLA/2018/00419	SOUTHERN WATER LIMITED, Outfall jetting at Gilkicker lagoon	6.95		Yes	Yes	No. Licence exp 05/2020 so works will be complete	NA	NA	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?
							before work on the Proposed Development commences. Worse case programme for construction of the Proposed Development is for 2021-2023. No overlap.			
93	MLA/2019/00024	SOUTHERN WATER LIMITED, Jetting at 46 Sea Lane	21.76	1	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.	NA	NA	No
94*	MLA/2015/00446	COWES WEEK LIMITED, Racing marks in the Solent – Position 1	18.99	1	Yes	Yes	Yes. Licence exp 2026	No – the addition of the activities undertaken as part of the Proposed Development will not significantly add to the impact of the dredge activity that will be ongoing at this site.	NA	No
95*	MLA/2015/00446	COWES WEEK LIMITED, Racing marks in the Solent – Position 2	13.17	1	Yes	Yes	Yes. Licence exp 2026	No – the addition of the activities undertaken as part of the Proposed Development will not significantly add to the impact of the dredge activity that will be ongoing at this site.	NA	No
96*	MLA/2015/00446	COWES WEEK LIMITED, Racing marks in the Solent – Position 3	13.61	1	Yes	Yes	Yes. Licence exp 2026	No – the addition of the activities undertaken as part of these works will not significantly add to the impact of the Proposed Development on physical processes.	NA	No
97*	MLA/2015/00446	COWES WEEK LIMITED, Racing marks in the Solent – Position 4	11.14	1	Yes	Yes	Yes. Licence exp 2026	No – the addition of the activities undertaken as part of	NA	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?
								these works will not significantly add to the impact of the Proposed Development on physical processes.		
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 but given worst case construction period (2021 – 2023) there is potential overlap.	No – the addition of the activities undertaken as part of these works will not significantly add to the impact of the Proposed Development on physical processes.	NA	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 but given worst case construction period (2021 – 2023) there is potential overlap.	No – the addition of the activities undertaken as part of these works will not significantly add to the impact of the Proposed Development on physical processes.	NA	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.	NA	NA	No
101*	MLA/2018/00447	Mr Stephen Beill, Mooring a Houseboat in Bembridge Harbour	8.6	1	Yes	Yes	Yes. Licence end date 2035 and there is potential overlap.	No – the addition of the activities undertaken as part of these works will not significantly add to the impact of the Proposed Development on physical processes.		No
102	MLA/2017/00174/1	PORTSMOUTH CITY COUNCIL, Portsmouth International Ferry Port – Berth 2 Deepening – Scour Mattress East removal and installation	5.4		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.	NA	NA	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?	
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.	NA	NA	No	
104	MLA/2017/00203	PREMIER MARINAS (GOSPORT) LTD, Gosport Marina Link Pontoon to Endeavour Quay—Hoist dock removal and Link Pontoon installation	5.94	1	Yes	Yes	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.	NA	NA	No	
105	MLA/2016/00490	PORTSMOUTH SAILING CLUB, Portsmouth Sailing Club Camber Dock Works	5.21	1	Yes	Yes	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.	NA	NA	No	
106	MLA/2017/00014	MARITIME ARCHAEOLOGY SEA TRUST, HMS Invincible Project—rescue excavation of the Wreck	1.16	1	Yes	Yes	No- Licence exp 2020 however works on the application/ licence were scheduled to complete in 2019. No expected overlap	NA	NA	No	
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.	No – the addition of the activities undertaken as part of these works will not significantly add to the impact of the Proposed Development on physical processes.	Licence restrictions mean that they cannot undertake piling between 01/11 and 15/03	No	
108	MLA/2016/00436/2	PORTSMOUTH CITY COUNCIL, North Portsea Island Flood and Coastal Erosion Scheme Phase 3—Tipner Lake	6.10	1	Yes	Yes	No- Licence exp 12/2019 so works will be complete before work on the Proposed Development commences.	NA	NA	No	

Cumulative Projects					Stage 1		Stage 2				
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							(worse case programme for construction of the Proposed Development is for 2021-2023). No overlap.				
109	MLA/2019/00052	ML (UK) LIMITED, Trial pits to determine ground conditions for future barge landing to deliver historic landing craft	4.26	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.	NA	NA	No	
110	MLA/2019/00095	Rampion Offshore Wind Farm - pre-emptive Export Cable Repairs	18.37	1	Yes	Yes	Yes. Work will be carried out on as and when basis until 2040 so overlaps with construction and operational phases of the Proposed Development.	No - While some interaction of passive sediment plumes is possible any combined effects are predicted to be of low magnitude and short duration and it is predicted that there is no potential for significant cumulative effects to occur.	NA	No	
111	MLA/2019/00120	Rampion – recovery of various materials/debris	18.77	1	Yes	Yes	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.	NA	NA	No	
112	MLA/2018/00395	MINSTED PROPERTIES LLP., Dolphin Quay – Quay (Flood) Wall Replacement and Removal of Existing	10.25	1	Yes	Yes	Yes. Licence exp 2023.	No – the addition of the activities undertaken as part of these works will not significantly add to the impact of the Proposed Development on physical processes.	NA	No	
113	MLA/2014/00476/1	Warship Hazardous Prize Project Group,	6.26	1	Yes	Yes	Yes.	No – the addition of the activities	NA	No	

Cumulative Projects					Stage 1		Stage 2			
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		Archaeological investigation of Hazardous Prize 1706 - a protected wreck at risk					Licence exp 2046, scaffolding will be installed in March and taken out in Sept of any given year	undertaken as part of these works will not significantly add to the impact of the Proposed Development on physical processes.		
114	MLA/2018/00094	Greene King Retailing Ltd, The Folly Pontoon replacement, River Medina, IoW	17.72	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.	NA	NA	No
115	MLA/2018/00146	JPC Demolition LLP, Demolition of Little Susie and Xeron – demolition of derelict houseboats in Bembridge Harbour, IoW	8.63	1	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.	NA	NA	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.	0.58	1	Yes	Yes	Yes. Licence exp 2027	No – the Proposed Development has no beach or intertidal activity planned -the cables will pass under the intertidal area (due to Horizontal Directional Drilling ('HDD') methodology) and therefore, there is no pathway for significant cumulative effects.	NA	No
117	MLA/2017/00041/1	RNLI East Division - Portsmouth Lifeboat Station. 10-year maintenance licence for 1. Maintenance to Moorings 2. Maintenance to Pontoon Berths	0.98	1	Yes	Yes	Yes. Licence end date 31.05.2027. Therefore, potential for overlap.	No – small scale maintenance and repair activities. Potential for limited interaction with cable installation (e.g. dredging,	NA	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?
		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						trenching) and operation activities. But any possible interaction will be of low magnitude, short duration and no significant cumulative effects are predicted.		
118*	16/00255/FUL (Portsmouth City Council T&CPA application)	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.	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	Coastline Between Ports Creek Railway Bridge And Kendall's Wharf Portsmouth – Construction of new coastal defences consisting of raised earth embankments with rock armour on the seaward side, together with wave walls to abut the A2030 Eastern Road bridge to tie into the new embankments (along the alignment of the existing coastal defences).	4.36	1	Yes	Yes	Yes. Potential overlap. Planning decision for approval in February 2015. Development to begin within 3 years	No – the Proposed development has no beach or intertidal activity planned. No pathway for cumulative effects therefore exists.	Construction complete	No
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 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 beach or intertidal activity planned. No pathway for cumulative effects therefore exists.	NA	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?
121	Fraser Range (19/00420/FUL Portsmouth City Council T&CPA application) MLA/2019/00249	The development has been submitted and is under consultation. It consists of a part demolition, redevelopment and conversion of existing structures, construction of new buildings to create 108 apartments and 25 houses, change of use of North Cape House to a single self build residential unit (total 134 dwellings), access road, parking and landscaping works. The marine works specifically involve the creation of rock revetment and improvements to the existing sea wall.	0	1	Yes	Yes	Yes, potential overlap. It is currently anticipated that the seawall works could take approximately 8 to 10 months within the period July 2019 – July 2022.	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.	NA-The marine licence application for the marine works has been withdrawn.	No

