



AQUIND Limited

AQUIND INTERCONNECTOR

Environmental Statement Addendum 3 – Appendix 5.22 Updated Appendix 10.2 Marine Mammals and Basking Sharks

The Planning Act 2008

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

The Infrastructure Planning (Environmental Impact Assessment) Regulations 2017

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Appendix 5.22 Updated Appendix 10.2
Marine Mammals and Basking Sharks

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APPENDIX 10.2 – MARINE MAMMAL AND BASKING SHARK CUMULATIVE ASSESSMENT MATRIX

- 1.1.1.1 This document is a 2023 updated revision (Rev. 002) of the Appendix 10.2 to Chapter 10 (Marine Mammals and Basking Sharks) 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 10 (Marine Mammals and Basking Sharks) of the Environmental Statement ('ES') Volume 1 (document reference 6.1.10) and the Chapter 29 (Cumulative Effects) of the ES Volume 1 (document reference 6.1.29)
- 1.1.1.3 Project/plans shown in Figures 29.1-29.5 of the ES Volume 2 (document reference 6.2.29.1 to 6.2.29.5 and in Table 1 below have been sourced from interrogation of the Marine Management Organisation's ('MMO') Marine Information System¹, from the Planning Inspectorate's ('PINS') Programme of Projects, relevant Local Planning Authority ('LPA') planning portals and where relevant the Crown Estate Maps and 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. In addition, projects where the permission/licence end dates are before September 2024 also have strikethroughs and are coloured **red**, as the revised 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 of fell within the Zones of Influence and were of a nature and scale to be considered for cumulative assessment. In addition, where project updates are available these have been taken into account and included below. These projects and any changes made in respect of projects previously identified and which remain relevant are coloured in **green**.
- 1.1.1.5 Further information relating to each item can be obtained through the MMO, PINS website and LPA planning portal. Distances are approximate (using Geographical Information Systems ('GIS')) and are measured from the closest point of the project/plan polygon as shown on the MMO Marine Information System (where relevant) to the closest point of the Marine Cable Corridor shapefile (see Figure 3.1 of the ES Volume 2 (document reference 6.2.3.1).
- 1.1.1.6 The ID numbers in Table 1 represent the relevant polygon numbers as shown in the figures, where the project is located. ID numbers with * indicate that they are not illustrated on the figures as no spatial data were found within the spatial datasets sourced but information was found online.
- 1.1.1.7 A 5 km Zone of Influence (ZOI) was used for marine mammals because 5 km is judged to be the maximum range over which marine mammals may respond to noise from the geophysical survey and positioning equipment likely to be used (the potential impact with the greatest zone of potential effect). Although not considered explicitly here (because such works will precede all other preparation and construction works by a number of months), a ZOI of this order is also likely to be suitable for Unexploded Ordnance ('UXO') activities associated with the Proposed Development. However, because the UXO surveys have yet to be conducted, and any removal work required will precede all other preparation and construction works by a number of months, a separate cumulative effects assessment (for UXO activities) will support the Marine Licence application for the UXO work.
- 1.1.1.8 The 5 km ZOI was applied to the following types of cumulative projects because they were thought to be unlikely to require use of geophysical survey and positioning equipment which emits sound or be conducting sound-emitting activities which have the potential to significantly impact marine mammals: operational Offshore Wind Farms ('OWF')s, dredging/disposal, aggregate dredging/extraction, jetting, marine litter, temporary navigational marks, maintenance and beach management projects.

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

- 1.1.1.9 If a cumulative project was thought likely to also be conducting sound-emitting activities which have the potential to significantly impact marine mammals, a 5 km ZOI from the Proposed Development and a 5 km ZOI from the cumulative project was considered (i.e. projects within 10 km of the Proposed Development were considered). This was applied to the following types of projects: interconnectors, coastal defence works, pontoon construction, oil and gas, UXO activities, archaeological projects and OWFs (with the exception of those which are operational and therefore only being considered with regard to possible asset management activities).
- 1.1.1.10 Projects identified in the long list in Table 1 falling within the ZOI were screened in for further consideration.
- 1.1.1.11 The Planning Inspectorate Cumulative Effect Assessment Matrix from Advice note 17² has been used in compiling these data.
- 1.1.1.12 The PINS matrix uses three tiers to classify the stage of a project:
- 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; and
 - 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.

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

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 (ID Nos. with * indicate that they are not illustrated on the accompanying figures as no spatial data were found within the spatial datasets sourced but information was found online)

Cumulative Projects					Stage 1		Stage 2			
ID No.	Application/ Case Ref.	Applicant and Brief Description	Distance from Project (km)	Tier	Within Zone of influence (ZOI)?	Progress to stage 2?	Overlap in temporal scope?	Scale and nature of development likely to be significant effect?	Other Factors	Progress to Stage 3/4?
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	Falls within ZOI for marine mammals (10 km)	Yes	Yes, there will be overlap in temporal scope – this is the French part of the Proposed Development.	No. Although this project will involve sound-emitting activities, there is no potential for it to induce the onset of auditory injury. Should any disturbance occur it is predicted to be temporary and is not considered to be significant.	Activities (and vessels) in English and French waters will be co-ordinated.	No
N/A	None	AQUIND Interconnector UXO Clearance	0	1	Falls within ZOI for marine mammals (10 km)	Yes	<p>Timescales and any requirement 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. The 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 also otherwise anticipated that a cumulative assessment would be undertaken including both projects as part of any application for UXO clearance work.</p> <p>Current assumption is that there is no potential for overlap in temporal scope (because the UXO clearance work will precede all other preparation and construction works by a number of months).</p>	<p>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.</p> <p>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.</p> <p>Should a UXO licence be required, it will be subject to the relevant EIA and Habitats Regulations Assessment ('HRA') requirements including the needs to consider cumulative / in combination effects.</p>		No
2	DCO/2013/00006 EN010032	Rampion Offshore Wind Limited, Rampion Wind Farm (fully operational therefore only considered with regard to possible asset management activities)	13.64	1	Falls outwith ZOI for marine mammals (5 km)	No				
3	EN010117	RWE / Rampion Offshore Wind Limited, Rampion Wind Farm Extension	0 (extension area overlaps Proposed Development)	2	Falls within ZOI for marine mammals (10 km)	Yes	Yes.	There may be temporal overlap with the year 1 UXO and boulder clearance work		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?
							<p>Construction of Rampion 2⁴ is currently scheduled to commence in 2026 (with a five-year construction programme as in Section 4.5 of PEIR Chapter 4 The Proposed Development⁵). Therefore, there is potential for overlap in temporal scope in 2026 (indicative commencement of construction of the Proposed Development is 2024).</p>	<p>at Rampion 2 (currently scheduled for 2026).</p> <p>Modelled impact ranges for boulder clearance work are very small (< 100 m; ICOL, 2013⁶) and potential cumulative effects on marine mammals are therefore considered to be nil and not significant.</p> <p>Chapter 4 of Rampion 2's PEIR suggests that UXO surveys have yet to be undertaken ("...detailed geophysical surveys will be carried out pre-construction to provide further detail and to clarify the presence of boulders, UXO and other obstructions on the seabed..."; paragraph 4.3.4) and that, should UXO and boulder clearance work be required, a separate future Marine Licence will be sought (paragraph 4.3.21).</p> <p>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.. Should Rampion 2 require a UXO clearance licence it will be subject to the relevant EIA and HRA requirements</p>		

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.

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

⁶ Appendix 11A: Underwater Noise of the 2013 Inch Cape Offshore Wind Farm Environmental Statement.

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?
								including the need to consider cumulative / in combination effects.		
4		LEMS (Engie), Dieppe - Le Tréport	58.99	1	Falls outwith ZOI for marine mammals (10 km)	No	Latest information states that commissioning is expected in 2023.			
5		Fécamp Offshore Wind Farm - in French EEZ	33.17	3	Falls outwith ZOI for marine mammals (10 km)	No				
6		Cote d'Albatre OWF	42.52	1	Falls outwith ZOI for marine mammals (10 km)	No				
7	MLA/2016/00209/2	NATIONAL GRID IFA2 LTD, IFA2 Electricity Interconnector	0.44	1	Falls within ZOI for marine mammals (10 km)	Yes	Licence exp 2117 with construction completed in 2020. Construction work will therefore be complete before the commencement of construction of the Proposed Development (indicatively 2024). Operational phase surveys may be required.	No. Although this project may involve sound-emitting activities, there is no potential for it to induce the onset of auditory injury. Should any disturbance occur it is predicted to be temporary and is not considered to be significant.		No
8	MLA/2018/00470	NATIONAL GRID IFA 2 LIMITED, IFA2 Interconnector – Unexploded Ordnance Activities – DC cables redline	0.44	1	Falls within ZOI for marine mammals (10 km)	Yes	Licence exp 12/2020 so works will be complete before work on the Proposed Development commences (worse case programme for construction of the Proposed Development is for 2021-2023). No overlap.			No
9	MLA/2018/00470	NATIONAL GRID IFA 2 LIMITED, IFA2 Interconnector – Unexploded Ordnance Activities – AC cables redline	12.84	1	Falls outwith ZOI for marine mammals (10 km)	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.	
10	MLA/2018/00470	NATIONAL GRID IFA 2 LIMITED, IFA2 Interconnector – Unexploded Ordnance Activities – Solent detonation zone	5.53	1	Falls within ZOI for marine mammals (10 km)	Yes	Licence exp 12/2020 so works will be complete before work on the Proposed Development commences (worse case programme for construction of the Proposed Development is for 2021-2023). No overlap.			No
11	MLA/2019/00017	NATIONAL GRID IFA 2 LIMITED, IFA2 Interconnector – Temporary Investigative Trial Pits	12.94	1	Falls outwith ZOI for marine	No			Licence exp 01/2020 so works will be complete before work on the	

Cumulative Projects					Stage 1		Stage 2			
ID No.	Application/ Case Ref.	Applicant and Brief Description	Distance from Project (km)	Tier	Within Zone of influence (ZOI)?	Progress to stage 2?	Overlap in temporal scope?	Scale and nature of development likely to be significant effect?	Other Factors	Progress to Stage 3/4?
					mammals (10 km)				Proposed Development commences (worse case programme for construction of the Proposed Development is for 2021-2023). No overlap.	
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. Blocks 98/12 and 98/11b were awarded to Corallian Energy Ltd and are the closest blocks. They are greater than 41 km to the west of the Proposed Development	> 41	3	Falls outwith ZOI for marine mammals (10 km)	No				
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	Falls outwith ZOI for marine mammals (5 km)	No	Licence end date 2041			No
B	L/2019/00089/1	CEMEX Marine UK Ltd - Area 1803 Bassurelle Extension, Site BX 464	30.52	1	Falls outwith ZOI for marine mammals (5 km)	No	Licence end date 2041			No
C	MLA/2021/00472 L/2022/00463/1	TARMAC MARINE DREDGING LIMITED - Area 458/464	32.32	1	Falls outwith ZOI for marine mammals (5 km)	No	Licence end date 2043			No
D	MLA/2021/00473 L/2022/00379/1	CEMEX Marine UK Ltd Area 458/464	34.13	1	Falls outwith ZOI for marine mammals (5 km)	No	Licence end date 2043			No
E	MLA/2020/00238 L/2021/00314/1	SEA AGGREGATES LIMITED Area 529	37.16	1	Falls outwith ZOI for marine mammals (5 km)	No	Licence end date 2042			No
F	L/2012/00285/5 09999/92501/5	HANSON AGGREGATES MARINE LIMITED Area 460	59.98	1	Falls outwith ZOI for marine mammals (5 km)	No	Licence end date 2034			No
13	MLA/2012/00302/5	Westminster Gravels Ltd, Marine aggregate dredging licence Area 451 renewal	6.29	1	Falls outwith ZOI for marine	No			Licence exp 2028	

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?
					mammals (5 km)					
14	MLA/2012/00319/6	Volker Dredging Ltd, Area 340 15 Year Marine Licence	12.45	1	Falls outwith ZOI for marine mammals (5 km)	No			Licence exp 2035	
15	MLA/2012/00320/6	Cemex UK Marine Ltd, Area 340 full term licence application	12.45	1	Falls outwith ZOI for marine mammals (5 km)	No			Licence exp 2035	
16	MLA/2012/00374/5	Tarmac Marine Dredging Ltd, Area 351 Full Term Licence Application	3.53	1	Falls within ZOI for marine mammals (5 km)	Yes	Yes. Licence end date 31.12.2035 therefore there is potential for overlap in temporal scope (programme for commencement of construction of the Proposed Development is indicatively 2024).	No. Although this project will involve sound-emitting activities, there is no potential for it to induce the onset of auditory injury. Should any disturbance occur it is predicted to be temporary and is not considered to be significant.		No
17	MLA/2012/00375/4	Volker Dredging Ltd, Area 351 Full Term Licence Application	3.53	1	Falls within ZOI for marine mammals (5 km)	Yes	Yes. Licence end date 31.12.2035 therefore there is potential for overlap in temporal scope (programme for commencement of construction of the Proposed Development is indicatively 2024).	No. Although this project will involve sound-emitting activities, there is no potential for it to induce the onset of auditory injury. Should any disturbance occur it is predicted to be temporary and is not considered to be significant.		No
18	MLA/2014/00306/1	Tarmac Marine Dredging Limited, Area 396/1 Inner Owers	7.25	1	Falls outwith ZOI for marine mammals (5 km)	No			Licence exp 2030	
19	MLA/2014/00306/1	Tarmac Marine Dredging Limited, Area 396/2 Inner Owers	10.76	1	Falls outwith ZOI for marine mammals (5 km)	No			Licence exp 2030	
20	MLA/2014/00307/1	Hanson Aggregates Marine Limited, Area 435/1	7.33	1	Falls outwith ZOI for marine mammals (5 km)	No			Licence exp 2037	
21	MLA/2014/00307/1	Hanson Aggregates Marine Limited, Area 435/2	9.01	1	Falls outwith ZOI for marine mammals (5 km)	No			Licence exp 2037	
22	34276/081209/5	DEME Building Materials NV, Aggregate Extraction Area 478	4.39	1	Falls within ZOI for marine	Yes	Yes.	No.		No

Cumulative Projects					Stage 1		Stage 2			
ID No.	Application/ Case Ref.	Applicant and Brief Description	Distance from Project (km)	Tier	Within Zone of influence (ZOI)?	Progress to stage 2?	Overlap in temporal scope?	Scale and nature of development likely to be significant effect?	Other Factors	Progress to Stage 3/4?
					mammals (5 km)		Licence end date April 15, 2024 therefore there is potential for overlap in temporal scope (worse case programme for construction of the Proposed Development is for 2021-2023).	Although this project will involve sound-emitting activities, there is no potential for it to induce the onset of auditory injury. Should any disturbance occur it is predicted to be temporary and is not considered to be significant.		
23	34328/090206/8	Volker Dredging Ltd, Aggregate Extraction Area 461	1.95	1	Falls within ZOI for marine mammals (5 km)	Yes	Yes. Licence end date 2042 therefore there is potential for overlap in temporal scope (programme for commencement of construction of the Proposed Development is indicatively 2024).	No. Although this project will involve sound-emitting activities, there is no potential for it to induce the onset of auditory injury. Should any disturbance occur it is predicted to be temporary and is not considered to be significant..		No
24	34400/090416/12	HANSON AGGREGATES MARINE LTD, Aggregate Extraction Area 475	6.37	1	Falls outwith ZOI for marine mammals (5 km)	No			Licence end 2021.	
25	34400/090416/12	HANSON AGGREGATES MARINE LTD, Aggregate Extraction Areas 473, 474 East, West and Central 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.	22.18	1	Falls outwith ZOI for marine mammals (5 km)	No			Licence end date 2041	
26	MLA/2012/00195/5	TARMAC MARINE DREDGING LIMITED, Aggregate dredging Area 395 licence renewal – Area 395/2	2.64	1	Falls within ZOI for marine mammals (5 km)	Yes	Yes. Licence end date 2027 therefore there is potential for overlap in temporal scope (programme for commencement of construction of the Proposed Development is indicatively 2024).	No. Although this project will involve sound-emitting activities, there is no potential for it to induce the onset of auditory injury. Should any disturbance occur it is predicted to be temporary and is not considered to be significant.		No
27	MLA/2012/00197/6	AGGREGATE INDUSTRIES UK LIMITED, Aggregate dredging Area 395 licence renewal – Area 395/1	2.34	1	Falls within ZOI for marine mammals (5 km)	Yes	Yes. Licence exp 2034 therefore there is potential for overlap in temporal scope (programme for commencement of construction of the Proposed Development is indicatively 2024).	No. Although this project will involve sound-emitting activities, there is no potential for it to induce the onset of auditory injury. Should any disturbance		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?
								occur it is predicted to be temporary and is not considered to be significant.		
28	MLA/2015/00431/1	TARMAC MARINE DREDGING LIMITED, Area 488	10.51	1	Falls outwith ZOI for marine mammals (5 km)	No			Licence exp 2037. Licence restrictions mean that work can only be undertaken between 01/04 and 30/06	
29	MLA/2015/00432/1	CEMEX UK MARINE LIMITED, Area 453	12.21	1	Falls outwith ZOI for marine mammals (5 km)	No			Licence exp 2037. Licence restrictions mean that work can only be undertaken between 01/04 and 30/06 in Zone A and between 01/04 and 31/07 in Zone B	
30	MLA/2017/00227	HANSON AGGREGATES MARINE LIMITED, Marine Aggregate Extraction at Area 372/1	8.66	1	Falls outwith ZOI for marine mammals (5 km)	No			Licence exp 2029	
31	MLA/2011/00302/1	CEMEX UK MARINE LIMITED, Area 407	22.48	1	Falls outwith ZOI for marine mammals (5 km)	No			Licence exp 2034	
32		Saint – Nicolas West French Aggregate area	2.88	1	Falls within ZOI for marine mammals (5 km)	Yes	Yes. Licence issued 2013 for 30 years therefore there is potential for overlap in temporal scope (programme for commencement of construction of the Proposed Development is indicatively 2024).	No. Although this project will involve sound-emitting activities, there is no potential for it to induce the onset of auditory injury. Should any disturbance occur it is predicted to be temporary and is not considered to be significant.		No
33		Saint – Nicolas East French Aggregate area	4.16	1	Falls within ZOI for marine mammals (5 km)	Yes	Yes. Licence issued 2013 for 30 years therefore there is potential for overlap in temporal scope (programme for commencement of construction of the Proposed Development is indicatively 2024).	No. Although this project will involve sound-emitting activities, there is no potential for it to induce the onset of auditory injury. Should any disturbance occur it is predicted to be temporary and is not considered to be significant.		No
34		Cote d'Albatre Zone B French Aggregate area	23.37	1	Falls outwith ZOI for marine mammals (5 km)	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?
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	Falls within ZOI for marine mammals (5 km)	Yes	Yes. Licence end date is 2032 therefore there is potential for overlap in temporal scope (programme for commencement of construction of the Proposed Development is indicatively 2024).	No. Although this project will involve sound-emitting activities, there is no potential for it to induce the onset of auditory injury. Should any disturbance occur it is predicted to be temporary and is not considered to be significant.		No
B	MLA/2021/00080	Boatfolk Marinas Ltd Haslar Marine Maintenance Dredging	5.38	1	Falls outwith ZOI for marine mammals (5 km)	No	Licence end date 2031			
C	MLA/2021/00530	RRNSA Moorings Ltd. NSA Moorings Maintenance Dredging	5.33	1	Falls outwith ZOI for marine mammals (5 km)	No	Licence end date 2032			
D	MLA/2016/00341 /3	BP OIL UK Ltd. Hamble Jetty maintenance dredging	21.24	1	Falls outwith ZOI for marine mammals (5 km)	No	Licence end date 2027			
35	Multiple case references	NAB Tower Disposal Site (WI060)	7.97	1	Falls outwith ZOI for marine mammals (5 km)	No			Various licences dispose here at various times in the year.	
36	Multiple case references	Treloar Hole Disposal Site (WI046)	5.7	1	Falls outwith ZOI for marine mammals (5 km)	No			This is a smaller area than the NAB Tower disposal site and is located in the entrance area to Chichester Harbour. Various licences dispose here at various times in the year.	
37	MLA/2017/00174/1	PORTSMOUTH CITY COUNCIL, Portsmouth International Ferry Port – Berth 2 Deepening	5.4	1	Falls outwith ZOI for marine mammals (5 km)	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).	

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?
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	Falls outwith ZOI for marine mammals (5 km)	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).	
39	MLA/2013/00371/2	COWES YACHT HAVEN, Maintenance Dredging 2014 – South Basin	18.19	1	Falls outwith ZOI for marine mammals (5 km)	No				
40	MLA/2013/00371/2	COWES YACHT HAVEN, Maintenance Dredging 2015 – North Basin	18.24	1	Falls outwith ZOI for marine mammals (5 km)	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	Falls outwith ZOI for marine mammals (5 km)	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	Falls outwith ZOI for marine mammals (5 km)	No				
43	MLA/2018/00167	PREMIER MARINAS (GOSPORT) LIMITED, Gosport Marina – Endeavour Quay Link Pontoon Dredge – Keel Pocket	5.91	1	Falls outwith ZOI for marine mammals (5 km)	No				
44	MLA/2018/00167	PREMIER MARINAS (GOSPORT) LIMITED, Gosport Marina – Endeavour Quay Link Pontoon Dredge – Link Pontoon	5.53	1	Falls outwith ZOI for marine mammals (5 km)	No				
45	MLA/2016/00433/1	KENDALL BROS. (PORTSMOUTH) LIMITED, Maintenance Dredging at Kendall's Wharf	5.21	1	Falls outwith ZOI for marine mammals (5 km)	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).	
46	MLA/2016/00255/2	DEAN & REDDYHOFF LIMITED, Haslar Marina Maintenance Dredge	5.7	1	Falls outwith ZOI for marine mammals (5 km)	No				
47	MLA/2015/00426/2	THORNHAM MARINA LIMITED, Thornham Marine Maintenance Dredge	10.31	1	Falls outwith ZOI for marine	No			Licence exp 2022 with dredging occurring at	

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?
					mammals (5 km)				any time. Licence restrictions mean that the licence holder can only dispose to Treloar Hole between 01/10 and 30/04.	
48	MLA/2016/00195/1	CASTLE MARINAS LIMITED, Birdham Pool—Basin Dredge, Revetment and Pontoons—Basin Dredge	11.78	1	Falls outwith ZOI for marine mammals (5 km)	No			Licence exp 2022. Licence restrictions mean that they cannot undertake work during freezing conditions under a Winter Wildfowling Ban.	
49	MLA/2013/00321/3	PREMIER MARINAS (HAMBLE) LIMITED, Swanwick Marina Maintenance Dredge & Lifting Dock	21.67	1	Falls outwith ZOI for marine mammals (5 km)	No				
50	MLA/2013/00216/4	HOME AND COMMUNITIES AGENCY, Cowes Outer Harbour Project Dredge disposal renewal—fairway dredge area	18.06	1	Falls outwith ZOI for marine mammals (5 km)	No				
51	MLA/2013/00216/4	HOME AND COMMUNITIES AGENCY, Cowes Outer Harbour Project Dredge disposal renewal—Mooring field dredge area	18.02	1	Falls outwith ZOI for marine mammals (5 km)	No				
52	MLA/2013/00216/4	HOME AND COMMUNITIES AGENCY, Cowes Outer Harbour Project Dredge disposal renewal—Eastern Channel Dredge Area	17.87	1	Falls outwith ZOI for marine mammals (5 km)	No				
53	MLA/2013/00216/4	HOME AND COMMUNITIES AGENCY, Cowes Outer Harbour Project Dredge disposal renewal—Marina Basin Dredge Area	17.83	1	Falls outwith ZOI for marine mammals (5 km)	No				
54	MLA/2013/00216/4	HOME AND COMMUNITIES AGENCY, Cowes Outer Harbour Project Dredge disposal renewal—No1 Buoy Bank Dredge Area	18.51	1	Falls outwith ZOI for marine mammals (5 km)	No				
55	MLA/2013/00216/4	HOME AND COMMUNITIES AGENCY, Cowes Outer Harbour Project Dredge disposal renewal—No1 Buoy Bank West	18.60	1	Falls outwith ZOI for marine mammals (5 km)	No				
56	MLA/2013/00216/4	HOME AND COMMUNITIES AGENCY, Cowes Outer Harbour Project Dredge disposal renewal—Trinity Landing	18.40	1	Falls outwith ZOI for marine mammals (5 km)	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?
57	MLA/2013/00216/4	HOME-AND-COMMUNITIES-AGENCY, Cowes Outer Harbour Project Dredge disposal renewal – Red Jet Terminal	18.27	1	Falls outwith ZOI for marine mammals (5 km)	No				
58	MLA/2013/00216/4	HOME-AND-COMMUNITIES-AGENCY, Cowes Outer Harbour Project Dredge disposal renewal – Marina Entrance	18.03	1	Falls outwith ZOI for marine mammals (5 km)	No				
59	MLA/2013/00485/3	PREMIER MARINAS LIMITED, Chichester Marina Approach Channel dredging	12.88	1	Falls outwith ZOI for marine mammals (5 km)	No				
60	MLA/2014/00004/5	MARINA DEVELOPMENTS LIMITED, SPARKES MARINA MAINTENANCE DREDGING	5.53	1	Falls outwith ZOI for marine mammals (5 km)	No				
61	MLA/2014/00392/6	PREMIER MARINAS LIMITED, Gosport Marina Maintenance Dredge	5.89	1	Falls outwith ZOI for marine mammals (5 km)	No				
62	MLA/2014/00288/1	MARINA DEVELOPMENTS LIMITED, Northney Marina - Maintenance Dredging	7.49	1	Falls outwith ZOI for marine mammals (5 km)	No				
63	MLA/2014/00420/2	PREMIER MARINAS LIMITED, Port Solent Approach Channel Dredge	7.98	1	Falls outwith ZOI for marine mammals (5 km)	No				
64	MLA/2014/00592/3	ABP Southampton - Maintenance Dredge Licence – Solent Approaches	15.25	1	Falls outwith ZOI for marine mammals (5 km)	No				
65	MLA/2014/00592/2	ABP Southampton - Maintenance Dredge Licence – Nab Channel	1.48	1	Falls within ZOI for marine mammals (5 km)	Yes	Yes. Licence end date is 31 October 2025 therefore there is potential for overlap in temporal scope (programme for commencement of construction of the Proposed Development is indicatively 2024).	No. Although this project will involve sound-emitting activities, there is no potential for it to induce the onset of auditory injury. Should any disturbance occur it is predicted to be temporary and is not considered to be significant.		No
66	MLA/2015/00216/1	PREMIER MARINAS (SOUTHSEA) LIMITED, Southsea Marina Maintenance Dredge of Marina Entrance	1.66	1	Falls within ZOI for marine mammals (5 km)	Yes	Yes. Licence exp 2025 with dredging being undertaken in years 1, 5 and 10 i.e. 2015, 2020 & 2025 therefore there is potential for overlap in temporal scope. Programme for	No. Although this project will involve sound-emitting activities, there is no potential for it to induce the onset of auditory injury.		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..	Should any disturbance occur it is predicted to be temporary and is not considered to be significant.		
67	MLA/2016/00025/2	ESSO PETROLEUM COMPANY LIMITED, Esso Fawley Marine Terminal Maintenance Dredging and Disposal Licence Renewal	20.66	1	Falls outwith ZOI for marine mammals (5 km)	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	Falls outwith ZOI for marine mammals (5 km)	No			Licence exp 2026 with dredging being undertaken every 3yrs from 2016 i.e. 2016, 2019, 2022, 2025.	
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	Falls outwith ZOI for marine mammals (5 km)	No				
70	MLA/2016/00093/2	COWES HARBOUR COMMISSION, Maintenance Dredge of the area in and around Shepard's Wharf Marina and Town Quay (Cowes) – Shepard's Wharf Marina Zone 1	18.08	1	Falls outwith ZOI for marine mammals (5 km)	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	Falls outwith ZOI for marine mammals (5 km)	No				
72	MLA/2016/00098	ROYAL YACHT SQUADRON, RYS Jubilee Haven Maintenance dredging	18.51	1	Falls outwith ZOI for marine mammals (5 km)	No				
73	MLA/2016/00507/1	TARMAC LIMITED, Bedhampton Approach Channel and Berth Maintenance Dredge – Outer Area	6.94	1	Falls outwith ZOI for marine mammals (5 km)	No				
74	MLA/2016/00507/1	TARMAC LIMITED, Bedhampton Approach Channel and Berth Maintenance Dredge – inner area	7.51	1	Falls outwith ZOI for marine mammals (5 km)	No			Licence exp 2027 with dredging being undertaken every 2yrs from 2016	
75	MLA/2016/00484	ROYAL NAVAL SAILING ASSOCIATION, RNSA – Hornet Capital Dredge	5.84	1	Falls outwith ZOI for marine mammals (5 km)	No				
76	MLA/2016/00484	ROYAL NAVAL SAILING ASSOCIATION, RNSA – Alliance Pontoon Maintenance Dredge	5.82	1	Falls outwith ZOI for marine mammals (5 km)	No			Licence exp 2027	
77	MLA/2016/00484	ROYAL NAVAL SAILING ASSOCIATION, RNSA - Haslar Maintenance Dredge	5.8	1	Falls outwith ZOI for marine	No			Licence exp 2027	

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?
					mammals (5 km)					
78	MLA/2017/00105	GOSPORT FERRY LIMITED, Gosport Ferry Clarence Wharf Maintenance Dredging	6.35	1	Falls outwith ZOI for marine mammals (5 km)	No				
79	MLA/2016/00446/1	COWES CORINTHIAN YACHT CLUB LIMITED, CCYC Marina maintenance dredge	18.19	1	Falls outwith ZOI for marine mammals (5 km)	No				
80	MLA/2017/00308	TRAFALGAR WHARF LIMITED, Trafalgar Wharf Approach Channel dredging	8.73	1	Falls outwith ZOI for marine mammals (5 km)	No				
81	MLA/2017/00478	DEFENCE INFRASTRUCTURE OGRANISATION, HMNB Portsmouth Maintenance Dredging and Disposal	3.47	1	Falls within ZOI for marine mammals (5 km)	Yes	Yes. Licence end date: 27.07.2028 therefore there is potential for overlap in temporal scope (programme for commencement of construction of the Proposed Development is indicatively 2024).	No. Although this project will involve sound-emitting activities, there is no potential for it to induce the onset of auditory injury. Should any disturbance occur it is predicted to be temporary and is not considered to be significant.		No
82	MLA/2017/00377	ISLE OF WIGHT COUNCIL, Maintenance dredging, Ryde Harbour, Isle of Wight – harbour entrance	9.03	1	Falls outwith ZOI for marine mammals (5 km)	No			Licence exp 2028 with dredging being undertaken annually in March/April.	
83	MLA/2017/00377	ISLE OF WIGHT COUNCIL, Maintenance dredging, Ryde Harbour, Isle of Wight – harbour arm	8.99	1	Falls outwith ZOI for marine mammals (5 km)	No			Licence exp 2028 with dredging being undertaken annually in Mid/Late May.	
84	MLA/2018/00285/1	SOUTHAMPTON ISLE OF WIGHT AND SOUTH OF ENGLAND ROYAL MAIL STEAM PACKET COMPANY LIMITED, East Cowes Lay-By Berth	17.96	1	Falls outwith ZOI for marine mammals (5 km)	No			Licence exp 2028 with dredging on an as and when basis.	
85	MLA/2016/00058/1	HILL HEAD SAILING CLUB, Hill Head Harbour Channel Maintenance dredging	15.09	1	Falls outwith ZOI for marine mammals (5 km)	No			Licence exp 2032 with dredging being undertaken on a 3yr cycle from 2017 i.e. 2020, 2023, 2026, 2029, 2032. The worst case for the Proposed Development is 2021 – 2023 so there is potential for overlap with the 2023 campaign.	

Cumulative Projects					Stage 1		Stage 2			
ID No.	Application/ Case Ref.	Applicant and Brief Description	Distance from Project (km)	Tier	Within Zone of influence (ZOI)?	Progress to stage 2?	Overlap in temporal scope?	Scale and nature of development likely to be significant effect?	Other Factors	Progress to Stage 3/4?
									Licence restrictions mean that dredging cannot occur during 01/10 – 31/03 and 01/03 – 30/04.	
86	MLA/2013/00451 (application refused)	KENDALL BROS. (PORTSMOUTH) LIMITED, Kendall's Wharf extension and capital dredge (application refused)	5.33		Falls outwith ZOI for marine mammals (5 km)	No	Application refused therefore project not considered.			
87	MLA/2019/00064	ATHENA RACING LIMITED, INEOS Dredging and pontoon installation, Camber Dock, Portsmouth	5.18	1	Falls outwith ZOI for marine mammals (5 km)	No			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.	
Coastal Projects – Figure 29.5										
A	MLA/2017/00330 and MLA/2021/00272	PLANNING FLOOD DEFENCE TRUST Pagham Harbour Flood Defence	10.92	1	Falls outwith ZOI for marine mammals (10 km)	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	Falls within ZOI for marine mammals (10 km)	Yes	Yes. Licence end date is 2027 therefore there is potential for overlap in temporal scope (programme for commencement of construction of the Proposed Development is indicatively 2024).	No. Although this project may involve sound-emitting activities, there is no potential for it to induce the onset of auditory injury. Should any disturbance occur it is predicted to be temporary and is not considered to be significant.		No
C	MLA/2020/00376 /1 and L/2021/00409/1	Haslar Marina additional pontoon berths (50 in number)	5.37	1	Falls within ZOI for marine mammals (10 km)	Yes	Yes. Licence end date is Dec 2024 therefore there is potential for overlap in temporal scope (programme for commencement of construction of the Proposed Development is indicatively Q4 2024).	No. Although this project may involve sound-emitting activities, there is no potential for it to induce the onset of auditory injury. Should any		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?
								disturbance occur it is predicted to be temporary and is not considered to be significant.		
88	MLA/2016/00195/1	CASTLE MARINAS LIMITED, Birdham Pool—Basin Dredge, Revetment and pontoons—Revetment and pontoon construction	11.78	1	Falls outwith ZOI for marine mammals (10 km)	No	Licence exp 2022. Licence restrictions mean that they cannot undertake work during freezing conditions under a Winter Wildfowling Ban.			
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	Falls within ZOI for marine mammals (10 km)	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
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	Falls within ZOI for marine mammals (10 km)	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	Falls outwith ZOI for marine mammals (5 km)	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).	
92	MLA/2018/00419	SOUTHERN WATER LIMITED, Outfall jetting at Gilkicker lagoon	6.95	1	Falls outwith ZOI for marine mammals (5 km)	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).	
93	MLA/2019/00024	SOUTHERN WATER LIMITED, Jetting at 46 Sea Lane	18.99	1	Falls outwith ZOI for marine mammals (5 km)	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	

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 for 2021-2023). No overlap.	
94*	MLA/2015/00446	COWES WEEK LIMITED, Racing marks in the Solent — Position 1	15.96	1	Falls outwith ZOI for marine mammals (5 km)	No			Licence exp 2026	
95*	MLA/2015/00446	COWES WEEK LIMITED, Racing marks in the Solent — Position 2	13.17	1	Falls outwith ZOI for marine mammals (5 km)	No			Licence exp 2026	
96*	MLA/2015/00446	COWES WEEK LIMITED, Racing marks in the Solent — Position 3	13.61	1	Falls outwith ZOI for marine mammals (5 km)	No			Licence exp 2026	
97*	MLA/2015/00446	COWES WEEK LIMITED, Racing marks in the Solent — Position 4	11.14	1	Falls outwith ZOI for marine mammals (5 km)	No			Licence exp 2026	
98	MLA/2018/00028	SUSTAINABLE SEAWEED LIMITED, Nearshore Seaweed Cultivation of Native Species	19.38	1	Falls outwith ZOI for marine mammals (5 km)	No			Application submitted to the MMO and has yet to be decided.	
99*	MLA/2019/00183	I & G CONTRACTORS LIMITED, Removal of old gas pipe in Pagham Harbour	12	1	Falls outwith ZOI for marine mammals (10 km)	No			Application submitted to the MMO and has yet to be decided.	
100	MLA/2015/00301 (application refused)	NJP ENVIRONMENTAL LIMITED, National Grid — Chilling Ceiling End Compound (application refused)	18.98		Falls outwith ZOI for marine mammals (10 km)	No			Application refused by the MMO therefore project not considered.	
101*	MLA/2018/00447	Mr Stephen Beill, Mooring a Houseboat in Bembridge Harbour	8.6	1	Falls outwith ZOI for marine mammals (5 km)	No			Licence end date 2035	
102	MLA/2017/00174/1	PORTSMOUTH CITY COUNCIL, Portsmouth International Ferry Port — Berth 2 Deepening — Scour Mattress East removal and installation	5.42		Falls within ZOI for marine mammals (10 km)	Yes	No. Licence exp 08/2019 so works will be complete before work on the Proposed Development commences (worse case programme for construction of the Proposed Development is for 2021-2023). No overlap.			No
103	MLA/2017/00174/1	PORTSMOUTH CITY COUNCIL, Portsmouth International Ferry Port — Berth 2 Deepening — Scour Mattress West removal and installation	5.49		Falls within ZOI for marine mammals (10 km)	Yes	No. Licence exp 08/2019 so works will be complete before work on the Proposed Development commences (worse case programme for construction of the Proposed Development is for 2021-2023). No overlap.			No

Cumulative Projects					Stage 1		Stage 2			
ID No.	Application/ Case Ref.	Applicant and Brief Description	Distance from Project (km)	Tier	Within Zone of influence (ZOI)?	Progress to stage 2?	Overlap in temporal scope?	Scale and nature of development likely to be significant effect?	Other Factors	Progress to Stage 3/4?
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	Falls within ZOI for marine mammals (10 km)	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.			No
105	MLA/2016/00490	PORTSMOUTH SAILING CLUB, Portsmouth Sailing Club Camber Dock Works	5.21	1	Falls within ZOI for marine mammals (10 km)	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.			No
106	MLA/2017/00014	MARITIME ARCHAEOLOGY SEA TRUST, HMS Invincible Project—rescue excavation of the Wreck	1.16	1	Falls within ZOI for marine mammals (10 km)	Yes	No. Licence end date 30.04.2020 therefore no overlap in temporal scope (worse case programme for construction of the Proposed Development is for 2021-2023).			No
107	MLA/2016/00392	TRAFALGAR WHARF LIMITED, Trafalgar Wharf Dry Stack Pontoons – extension of the existing pontoon	9.03	1	Falls within ZOI for marine mammals (10 km)	Yes	Yes. Work will be undertaken on an as and when basis until 2029. Licence restrictions mean that they cannot undertake piling between 01/11 and 15/03	No. Although this project may involve sound-emitting activities, there is no potential for it to induce the onset of auditory injury. Should any disturbance occur it is predicted to be temporary and is not considered to be significant.		No
108	MLA/2016/00436/2	PORTSMOUTH CITY COUNCIL, North Portsea Island Flood and Coastal Erosion Scheme Phase 3—Tipner Lake	6.10		Falls within ZOI for marine mammals (10 km)	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.			No
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	Falls within ZOI for marine mammals (10 km)	Yes	No. Licence exp 02/2020 so works will be complete before work on the Proposed Development commences (worse case programme for construction of the Proposed Development is for 2021-2023). No overlap.			No
110	MLA/2019/00095	Rampion Offshore Wind Farm - pre-emptive Export Cable Repairs	18.37	1	Falls outwith ZOI for marine mammals (10 km)	No			Work will be carried out on as and when basis until 2040.	
111	MLA/2019/00120	Rampion—recovery of various materials/debris	18.77	1	Falls outwith ZOI for marine mammals (10 km)	No			Work will be carried out on as and when basis until 2020 so works will be complete before work on the Proposed	

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 commences.	
112	MLA/2018/00395	MINSTED PROPERTIES LLP, Dolphin Quay – Quay (Flood) Wall Replacement and Removal of Existing	10.25	1	Falls outwith ZOI for marine mammals (10 km)	No			Licence exp 2023	
113	MLA/2014/00476/1	Warship Hazardous Prize Project Group, Archaeological investigation of Hazardous Prize 1706 - a protected wreck at risk	6.30	1	Falls within ZOI for marine mammals (10 km)	Yes	Yes. Licence exp 2046, scaffolding will be installed in March and taken out in Sept of any given year	No. Although this project may involve sound-emitting activities, there is no potential for it to induce the onset of auditory injury. Should any disturbance occur it is predicted to be temporary and is not considered to be significant.		No
114	MLA/2018/00094	Greene King Retailing Ltd, The Folly Pontoon replacement, River Medina, IoW	17.72		Falls outwith ZOI for marine mammals (10 km)	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.	
115	MLA/2018/00146	JPC Demolition LLP, Demolition of Little Susie and Xoron – demolition of derelict houseboats in Bembridge Harbour, IoW	8.63		Falls within ZOI for marine mammals (10 km)	Yes	No. Licence exp 08/2019 so works will be complete before work on the Proposed Development commences (worse case programme for construction of the Proposed Development is for 2021-2023). No overlap.			No
116	MLA/2017/00104	Eastern Solent Coastal Partnership - South Hayling Beach Management Plan (2017-2022) Implementation. Maintaining Eastoke beach height / profile through beach nourishment. As this is an ongoing activity works are generally programmed to take place in early March and / or September each year. Each beach management campaign is expected to last for 2-4 weeks.	0.90	1	Falls within ZOI for marine mammals (5 km)	Yes	Yes. Licence end date September 2027 therefore there is potential for overlap in temporal scope (programme for commencement of construction of the Proposed Development is indicatively 2024).	No. This project does not involve significant sound-emitting activities in the marine environment which have the potential to induce the onset of auditory injury or disturb marine mammals.		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	1.96	1	Falls within ZOI for marine mammals (5 km)	Yes	Yes. Licence end date 31.05.2027 therefore there is potential for overlap in temporal scope (programme for commencement of construction of the Proposed Development is indicatively 2024).	No. Although this project may involve sound-emitting activities, there is no potential for it to induce the onset of auditory injury. Should any disturbance occur it is predicted to be		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?
		6. Maintenance to beach lifeguard units 7. Navigational Dredging						temporary and is not considered to be significant.		
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	On land therefore outwith ZOI for marine mammals	No			Construction complete	
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	On land therefore outwith ZOI for marine mammals	No			Construction complete	
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	Falls within ZOI for marine mammals (5 km)	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. Although this project may involve sound-emitting activities, there is no potential for it to induce the onset of auditory injury. Should any disturbance occur it is predicted to be temporary and is not considered to be significant.		No
121	Fraser Range 19/00420/FUL Portsmouth City Council T&CPA application MLA/2019/00249	The development has been submitted and is under consultation. It consists of a part demolition, redevelopment and conversion of existing structures, construction of new buildings to create 108 apartments and 25 houses, change of use of North Cape House to a single self-build residential unit (total 134 dwellings) access road, parking and landscaping works. The marine works specifically involve the creation of a rock revetment and improvements to the existing seawall.	0	1	Falls within ZOI for marine mammals (5 km)	Yes	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.	No. Although this project may involve sound-emitting activities, there is no potential for it to induce the onset of auditory injury. Should any disturbance occur it is predicted to be temporary and is not considered to be significant.	The marine licence application for the marine works has been withdrawn.	No

