AQUIND Limited

APPENDIX 6.1

Physical Processes Cumulative Assessment Matrix

CONTENTS

APPENDIX 6.1 – PHYSICAL PROCESSES CUMULATIVE ASSESSMENT MATRIX 1

TABLES

Table 1 - Cumulative Assessment Matrix 6

FIGURES

Figure 1 - Projects/plans to be considered for cumulative assessment 2
Figure 2 - Projects/plans to be considered for cumulative assessment (continued) 3
Figure 3 - Projects/plans to be considered for cumulative assessment (continued) 4
Figure 4 - French projects/plans to be considered for cumulative assessment 5

APPENDIX 6.1 – PHYSICAL PROCESSES CUMULATIVE ASSESSMENT MATRIX

1.1.1.1 This document should be read in conjunction with the cumulative effects chapter of the PEIR (Chapter 28 Cumulative Effects).

1.1.1.2 Project/plans shown in Figures 1 to 4 and in Table 1 below have been sourced from interrogation of the Marine Management Organisation's ('MMO') Marine Information System[1]. Further projects and plans have been included from the Planning Inspectorate's ('PINS') Programme of Projects and relevant Local Planning Authority ('LPA') planning portals.

1.1.1.3 This list was compiled on 30 October 2018 and is considered sufficient for undertaking preliminary cumulative effects assessment for the PEIR for the physical environment. The list will be updated during the preparation of the final Environmental Statement to include any more recent projects/plans. Further advice and agreement will be sought from PINs and other key consultees. Further information relating to each item can be obtained through the MMO, PINs website and local planning authority planning portal. Distances are approximate and are measured from the closest point of the project/plan polygon as shown on the MMO Marine Information System (where relevant) to the closest point of the Marine Cable Corridor shapefile (see Figure 3.1 of Chapter 3 – Description of the Proposed Development).

1.1.1.4 The ID number in Table 1 represents the relevant polygon number in Figures 1 to 4, where the project is located. Those projects/plans that have been crossed out in Table 1 are projects/plans that are not included within Stage 1 of the assessment as they have been completed (i.e. there is a distinct temporal interval between the Proposed Development and completion the projects/plans), and there are no enduring impacts which are considered to have potential to result in significant cumulative effects. As such, they are considered no longer relevant and screened out of further consideration. For the sake of completeness however, they remain within the table for consultees to see that they have been considered.

1.1.1.5 Any project identified in the long list of cumulative projects falling within the Zone of Influence (ZoI) for physical processes (~20 km; one tidal excursion) was screened in for further consideration.

[1] MMO. (2018). Marine Information System. [Online]. Available at: http://defra.maps.arcgis.com/apps/webappviewer/index.html?id=3dc94e81a22e41a6ace0bd327af4f346

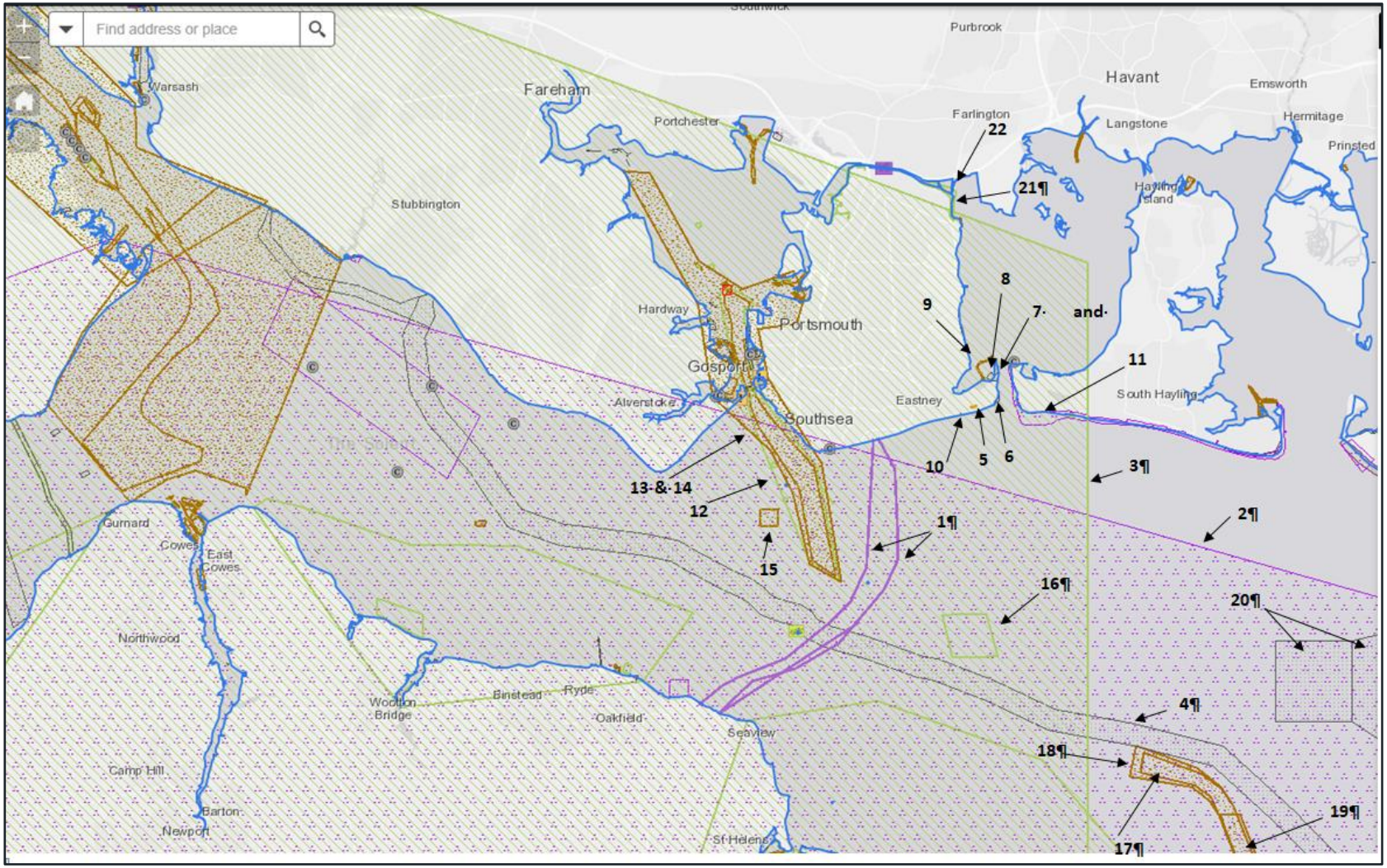

Figure 1 - Projects/plans to be considered for cumulative assessment

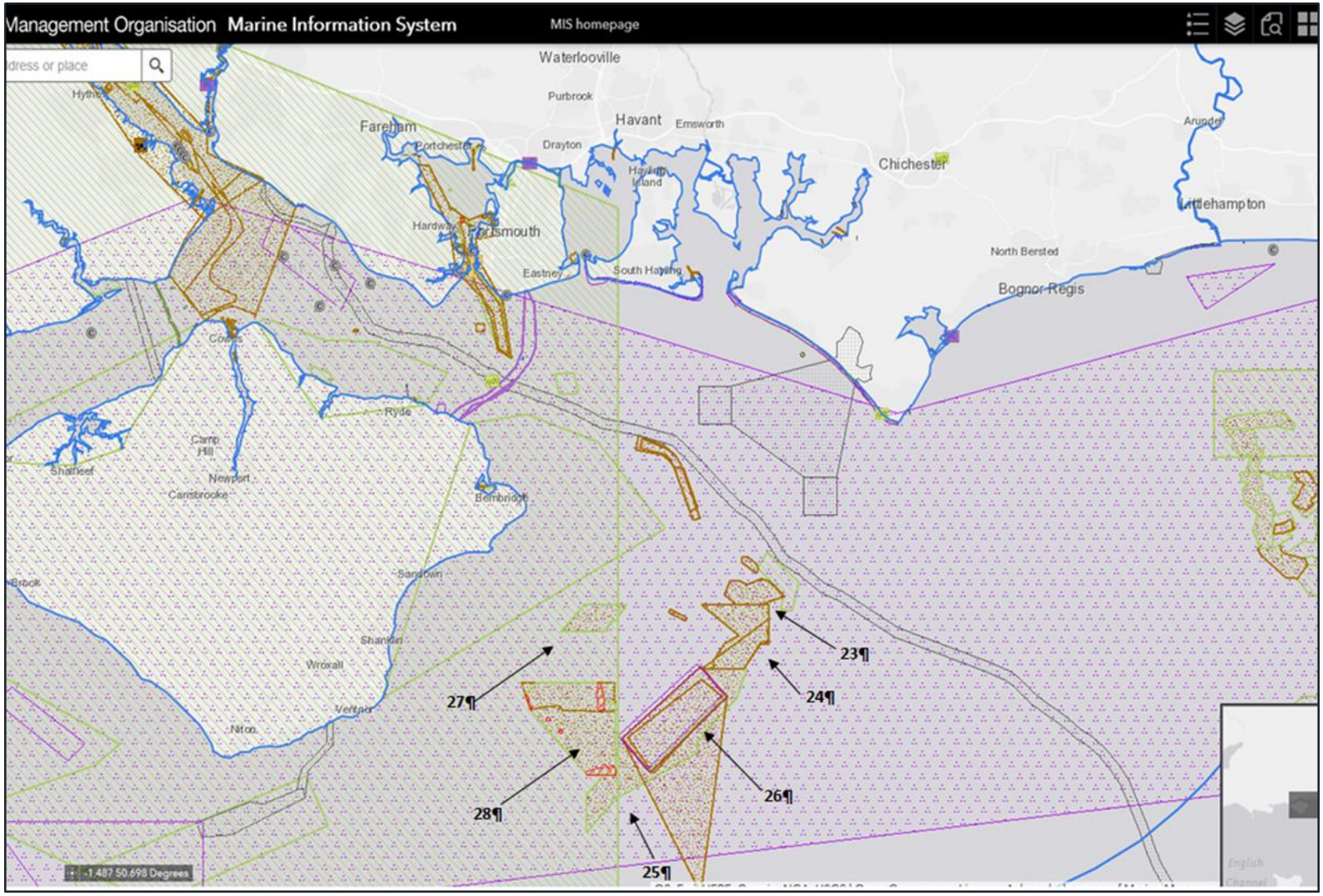

Figure 2 - Projects/plans to be considered for cumulative assessment (continued)

Figure 3 - Projects/plans to be considered for cumulative assessment (continued)

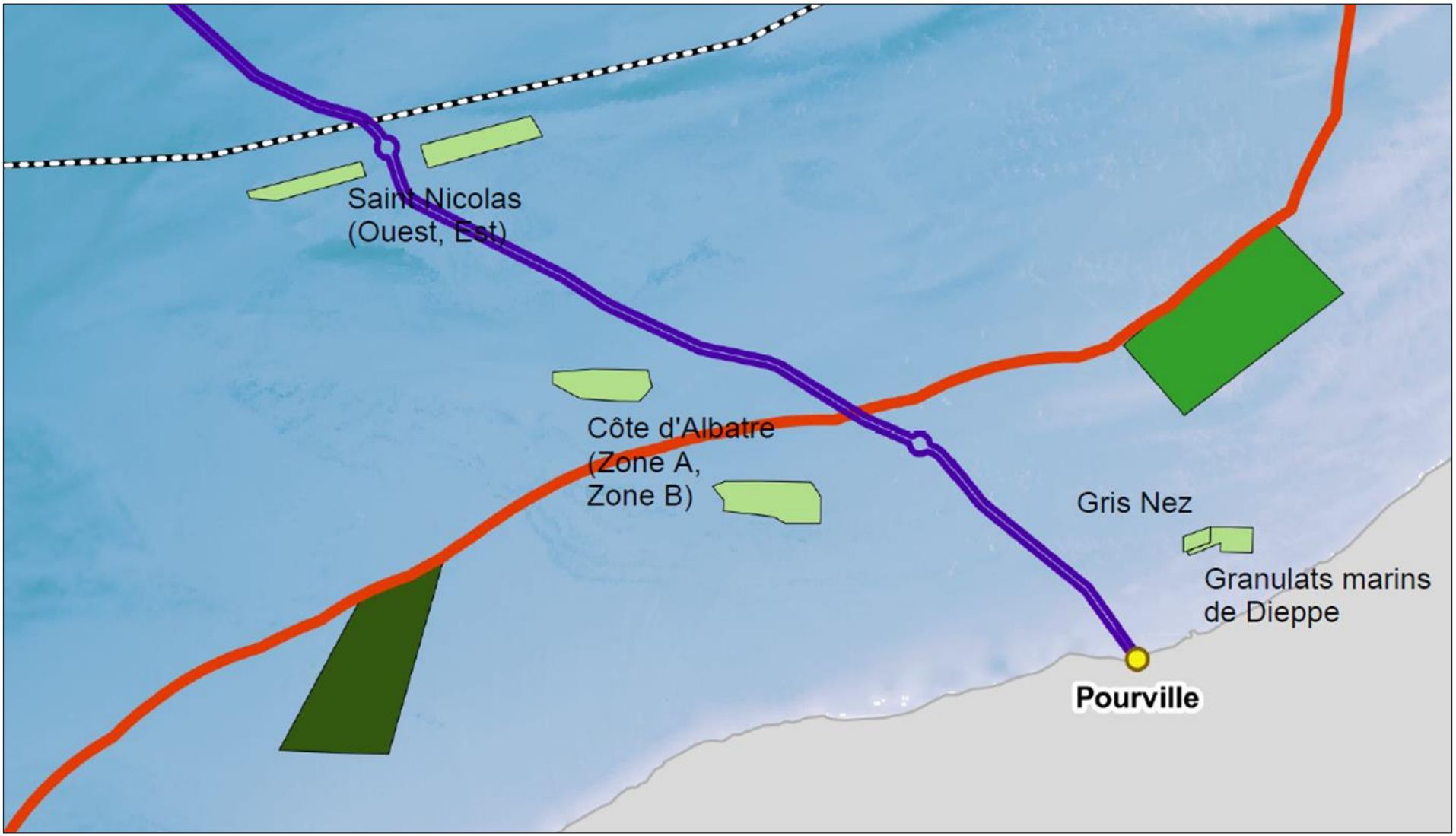

Figure 4 - French projects/plans to be considered for cumulative assessment

Table 1 Cumulative Assessment Matrix

Projects/Plans					Stage 1		Stage 2			
ID No.	**Application / Case Ref.**	**Applicant and Brief Description**	**Distance from Project**	**Tier**	**Within Zone of influence (ZoI)?**	**Progress to stage 2?**	**Overlap in temporal scope?**	**Scale and nature of development likely to be significant effect?**	**Other Factors**	**Progress to Stage 3/4?**
~~1.~~	~~MLA/2014/00019/4~~	~~BT Fibre Optic – Decommissioning/Construction of new works.~~					~~No - Licence end date 30.09.2016~~			
~~2.~~	~~MLA/2012/00223~~	~~Environment Agency - Tracer Deposit Area~~					~~No - Licence end date 26.06.2015~~			
3.	MLA/2017/00473/1	Blue Seas Protection Charity - licence for removal ghost fishing and abandoned fishing nets, metals and plastics.	0 km	1	Yes	Yes	Licence end date November 2018	No	No temporal overlap	No
4.	MLA/2016/00209/1	National Grid - IFA2 HDVC Interconnector from France to the UK. UK landfall at Lee-on-the-Solent	0.4 km	1	Yes	Yes	Licence end date January 2117	Yes		Yes
~~5.~~	~~MLA/2014/00200~~	~~Qinetic Group – Emergency Works Fraser Range Sea Wall Repairs Southsea /Eastney~~					~~No - Licence expired 30.09 2014~~			

Projects/Plans					Stage 1		Stage 2			
ID No.	**Application / Case Ref.**	**Applicant and Brief Description**	**Distance from Project**	**Tier**	**Within Zone of influence (ZoI)?**	**Progress to stage 2?**	**Overlap in temporal scope?**	**Scale and nature of development likely to be significant effect?**	**Other Factors**	**Progress to Stage 3/4?**
6.	MLA/2016/00064/3	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.	c. 0.16 km in entrance to Langstone Harbour	1	Yes	Yes	Licence end date 31.10.2017	No	No temporal overlap	No
	16/00255/FUL (Portsmouth City Council T&CPA application)			1	Yes	Yes	Submitted (Terrestrial planning work to start 2019)	No – the Proposed development has no intertidal activity. No Cumulative impact		No
7.	MLA/2018/00044/1	Eastney Cruising Association - Gabion repairs.	c.0.64 km	1	Yes	Yes	Licence end date 22.01.2019	No	No temporal overlap	No
7a.	MLA/2017/00041/1 - Regional Licence for Low Impact Maintenance Works	RNLI East Division - Portsmouth Lifeboat Station. 10 year maintenance licence for 1. Maintenance to Moorings 2. Maintenance to Pontoon Berths 3. Minor beach re-profiling works 4. Maintenance to Lifeboat Station Boathouses, slipways & launch ramps 5. Maintenance Activities associated with safety of lifeboat launch and	c. 0.98 km	1	Yes	Yes	Licence end date 31.05.2027	No – small scale maintenance and repair activities. Potential for limited interaction with cable installation activities (e.g. dredging,		No

Projects/Plans					Stage 1		Stage 2			
ID No.	**Application / Case Ref.**	**Applicant and Brief Description**	**Distance from Project**	**Tier**	**Within Zone of influence (ZoI)?**	**Progress to stage 2?**	**Overlap in temporal scope?**	**Scale and nature of development likely to be significant effect?**	**Other Factors**	**Progress to Stage 3/4?**
		recovery 6. Maintenance to beach lifeguard units 7. Navigational Dredging						trenching) but interaction of short duration and no significant impacts anticipated.		
8.	~~MLA/2012/00067~~ ~~Pontoon berth holds two~~	~~Pontoon C extension, Eastney lake~~					~~No - Licence end date 30.09.2013~~			
9.	MLA/2015/00216/1	Premier Marinas (Southsea) Ltd - Southsea Marina Maintenance Dredging of Marina Entrance - three campaigns over a ten-year licence period.	Dredging activities: c.0.66 km Disposal activities: c.7.94 km	1	Yes	Yes	Licence end date 16.11.2025	No – small scale maintenance and repair activities. Potential for limited interaction with cable installation activities (e.g. dredging, trenching) but interaction of short duration and no significant		No

Projects/Plans					Stage 1		Stage 2			
ID No.	**Application / Case Ref.**	**Applicant and Brief Description**	**Distance from Project**	**Tier**	**Within Zone of influence (ZoI)?**	**Progress to stage 2?**	**Overlap in temporal scope?**	**Scale and nature of development likely to be significant effect?**	**Other Factors**	**Progress to Stage 3/4?**
								impacts anticipated.		
~~10.~~	~~MLA/2017/00310~~	~~Beasley Christopher Ltd - Maintenance of existing works. surface water outfall at Melville Road.~~					~~No - Licence end date 06.08.2018~~		~~n/a~~	~~No~~
11.	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.	c. 0.58 km	1	Yes	Yes	Licence end date September 2027	No – the Proposed development has no beach or intertidal activity planned. No Cumulative impact		No
~~12.~~	~~MLA/2011/00185/1~~	~~Westminster Dredging Company Ltd - Site Investigation for Capital Dredging Works, Portsmouth.~~					~~No - Licence end date 22.11.2012~~			
~~13.~~	~~MLA/2013/00342/4~~	~~Defence Infrastructure Organisation (DIO) - Dredging of the Portsmouth~~					~~No - Licence end date~~			

Projects/Plans					Stage 1		Stage 2			
ID No.	**Application / Case Ref.**	**Applicant and Brief Description**	**Distance from Project**	**Tier**	**Within Zone of influence (ZoI)?**	**Progress to stage 2?**	**Overlap in temporal scope?**	**Scale and nature of development likely to be significant effect?**	**Other Factors**	**Progress to Stage 3/4?**
		~~Harbour and approach channel, and disposal.~~					~~17.06.2018~~			
14.	MLA/2017/00478	DIO - HMNB Portsmouth Maintenance Dredging and Disposal. Dredging of the Portsmouth Harbour and approach channel using trailing suction hopper dredger (TSHD), and disposal.. Ten year licence with a total disposal quantity of approximately 2,300,000 tonnes.	Dredging activities: c. 3.42 km Disposal activities: c.7.94 km	1	Yes	Yes	Licence end date 27.07.2028	No – No potential for dredge plume interaction with the disposal activities associated with the Proposed Development and this Project's disposal at Nab Tower to the west of the marine cable corridor. Previous studies (for Rampion OWF have shown little chance of substantial interaction between plumes. Given the general		No

Projects/Plans					Stage 1		Stage 2			
ID No.	**Application / Case Ref.**	**Applicant and Brief Description**	**Distance from Project**	**Tier**	**Within Zone of influence (ZoI)?**	**Progress to stage 2?**	**Overlap in temporal scope?**	**Scale and nature of development likely to be significant effect?**	**Other Factors**	**Progress to Stage 3/4?**
								easterly movement of sediments in this area and designation for material to be disposed within the disposal area no interaction is expected.		
15.	MLA/2017/00381	Mary Rose Trust - Annual visual inspection of Mary Rose site and removal of sediments required to locate our reference point on the mooring block.	c.4.64 km	1	Yes	Yes	Licence end date 18.09.2018 – not sure if this will be applied for in subsequent years if this is an annual inspection.	No – No potential for significant cumulative impacts due to small scale of operation	Currently no temporal overlap anticipated	No

Projects/Plans					Stage 1		Stage 2			
ID No.	**Application / Case Ref.**	**Applicant and Brief Description**	**Distance from Project**	**Tier**	**Within Zone of influence (ZoI)?**	**Progress to stage 2?**	**Overlap in temporal scope?**	**Scale and nature of development likely to be significant effect?**	**Other Factors**	**Progress to Stage 3/4?**
16.	MLA/2017/00014	Maritime Archaeology Sea Trust - HMS Invincible Project. Excavation of an internationally significant part of military heritage, to archaeologically excavate, record, conserve and display the remains of the HMS INVINCIBLE.	c.1.13 km	1	Yes	Yes	Licence end date 30.04.2020	No –highly localised dredging with hand held equipment. No potential for significant cumulative impacts		No
~~17.~~	~~34302/090114/11~~	~~Associated British Ports – Southampton. Dredged Material Disposal at to ensure the safe navigation of commercial vessels within the harbour area.~~		~~1?~~			~~Licence end date 28.02.2018~~			
18.	MLA/2014/00592/1	Associated British Ports – ABP Southampton - Navigational Maintenance Dredge. This application is a renewal of the Port's Navigational Maintenance Dredge licence to maintain safe navigation of the harbour and its approaches.	Dredging activities: c.1.43 km Disposal activities: c.7.94 km	1	Yes	Yes	Licence end date 31.10.2025	No. Navigation channel is already routinely dredged so no significant cumulative effects predicted. Disposal will be within Nab Tower disposal ground, and any additional		

Projects/Plans					Stage 1		Stage 2			
ID No.	**Application / Case Ref.**	**Applicant and Brief Description**	**Distance from Project**	**Tier**	**Within Zone of influence (ZoI)?**	**Progress to stage 2?**	**Overlap in temporal scope?**	**Scale and nature of development likely to be significant effect?**	**Other Factors**	**Progress to Stage 3/4?**
								sediment that may interact with this area is not considered to lead to potentially significant impacts due to the areas status as designated disposal area for sediments.		
~~19.~~	~~MLA/2012/00326/2~~	~~Esso Petroleum Company – Esso Fawley Marine Terminal Maintenance Dredging and Disposal. Renewal Nab Channel Dredged Material Disposal (Source Site).~~					~~No - Licence end date 7.11.2015~~			
~~20.~~	~~MLA/2011/00051/6~~	~~EA - Medmerry Managed Realignment (MMR) scheme. The flood defence scheme including construction of inland flood banks.~~					~~No - Licence end date 01.08.2014~~			
21.	MLA/2014/00506/1	The Eastern Solent Coastal Partnership - North Portsea CFERM Scheme - Phase 1 works.	c.4.36 km	1	Yes	Yes	Licence end date 31.10.2016	No	No temporal overlap	No

Projects/Plans					Stage 1		Stage 2			
ID No.	**Application / Case Ref.**	**Applicant and Brief Description**	**Distance from Project**	**Tier**	**Within Zone of influence (ZoI)?**	**Progress to stage 2?**	**Overlap in temporal scope?**	**Scale and nature of development likely to be significant effect?**	**Other Factors**	**Progress to Stage 3/4?**
	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).		1	Yes	Yes	Planning decision for approval in February 2015. Development to be begun within 3 years.	No – the Proposed development has no beach or intertidal activity planned. No Cumulative impact		No
~~22.~~	~~MLA/2017/00005~~	~~Portsmouth City Council - The A2030 Eastern Road Water Maintenance Works. The bridge crosses over the tidal waters of Langstone Harbour, connecting the A2030 from the mainland at Farlington to Portsea Island.~~					~~Licence end date 12.10.2018~~			
23.	MLA/2012/00195/5 Aggregate dredging Area 395 licence renewal	Tarmac Marine Dredging Ltd. - To obtain a Marine Licence to allow aggregate dredging operations at Area 395 in the outer approaches to the Solent to continue.	c. c.2.34 km	1	Yes	Yes	Licence end date 31.08.2027	No – the additional activities undertaken as part of the Proposed Development will not		No

Projects/Plans					Stage 1		Stage 2			
ID No.	**Application / Case Ref.**	**Applicant and Brief Description**	**Distance from Project**	**Tier**	**Within Zone of influence (ZoI)?**	**Progress to stage 2?**	**Overlap in temporal scope?**	**Scale and nature of development likely to be significant effect?**	**Other Factors**	**Progress to Stage 3/4?**
								significantly add to the impact of the large volume of dredging activity that will be ongoing within the licenced aggregate extraction area		
24.	MLA/2012/00374/5 Area 351 Full Term Licence Application MLA/2012/00375/4 Area 351 Full Term Licence Application	Tarmac Marine Dredging Ltd/Volker Dredging Ltd The purpose of this application is to obtain a marine licence that will permit continued marine aggregate extraction at Area 351, east of the Isle of Wight.	c.3.23 km	1	Yes	Yes	Licence end date 31.12.2035	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.		No

Projects/Plans					Stage 1		Stage 2			
ID No.	**Application / Case Ref.**	**Applicant and Brief Description**	**Distance from Project**	**Tier**	**Within Zone of influence (ZoI)?**	**Progress to stage 2?**	**Overlap in temporal scope?**	**Scale and nature of development likely to be significant effect?**	**Other Factors**	**Progress to Stage 3/4?**
25.	MLA/2012/00302/5 Marine aggregate dredging licence Area 451 renewal	Westminster Gravels Ltd. - Marine aggregate dredging licence Area 451 renewal	c.6.28 km	1	Yes	Yes	Licence end date 31.03.2028	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.		No
26.	MLA/2013/00216/3 Disposal of dredged material	Home and Communities Agency, Cowes Outer Harbour Project Dredge disposal renewal Licence ref: L/2013/00306/3	Dredging activities: c.17.82 km Disposal activities: c.7.94 km	1	Yes	Yes	Licence end date: 01.01.2024	No – the addition of the activities undertaken as part of the Proposed Development will not		No

Projects/Plans					Stage 1		Stage 2			
ID No.	**Application / Case Ref.**	**Applicant and Brief Description**	**Distance from Project**	**Tier**	**Within Zone of influence (ZoI)?**	**Progress to stage 2?**	**Overlap in temporal scope?**	**Scale and nature of development likely to be significant effect?**	**Other Factors**	**Progress to Stage 3/4?**
	MLA/2013/00321/3 Navigational dredging (maintenance)	Premier Marinas (Hamble) Ltd, Swanwick Marina Maintenance Dredge & Lifting Dock Licence ref: L/2013/00343/2	Dredging activities: c.21.04 km Disposal activities: c.7.94 km	1	Yes	Yes	Licence end date: 21.10.2023	significantly add to the impact of the dredging activities that will be ongoing at each of these sites. Disposal will be within Nab Tower disposal ground, and any additional sediment that may interact with this area is not considered to lead to potentially significant impacts due to the areas status as designated disposal area for sediments.		No
	MLA/2013/00371/1 Disposal of dredged material	Cowes Yacht Haven, Maintenance Dredging 2014 Licence ref: L/2014/00061/1	Dredging activities: c.18.18 km Disposal activities: c.7.94 km	1	Yes	Yes	Licence end date: 05.03.2020		Dredging activities over 18 km away from proposed development	No
	MLA/2013/00485/3 Disposal of dredged material	Premier Marinas Ltd, Chichester Marina Approach Channel Licence ref: L/2014/00154/3	Dredging activities: c.12.09 km Disposal activities: c.5.58 km	1	Yes	Yes	Licence end date: 29.02.2024			

Projects/Plans					Stage 1		Stage 2			
ID No.	**Application / Case Ref.**	**Applicant and Brief Description**	**Distance from Project**	**Tier**	**Within Zone of influence (ZoI)?**	**Progress to stage 2?**	**Overlap in temporal scope?**	**Scale and nature of development likely to be significant effect?**	**Other Factors**	**Progress to Stage 3/4?**
	MLA/2014/00004/5 Disposal of dredged material	Marina Developments Ltd, Sparkes Marina Maintenance dredging Licence ref: L/2014/00144/4	Dredging activities: c.5.53 km Disposal activities: c.7.94 km	1	Yes	Yes	Licence end date: 30.04.2024			No
	MLA/2014/00208/1 Disposal of dredged material	Marina Developments Ltd, Shamrock Quay - Maintenance Dredging Licence ref: L/2014/00407/1	Dredging activities: c.27.45 km Disposal activities: c.7.94 km	1	Yes	Yes	Licence end date: 02.12.2024		Dredging activities over 27 km away from proposed development	No
	MLA/2014/00210/2 Disposal of dredged material	Marina Developments Ltd, Ocean Village Marina – maintenance dredging Licence ref: L/2014/00388/2	Dredging activities: c.27.36 km Disposal activities: c.7.94 km				Licence end date: 30.11.2024		Dredging activities over 27 km away from proposed development	No

Projects/Plans					Stage 1		Stage 2			
ID No.	**Application / Case Ref.**	**Applicant and Brief Description**	**Distance from Project**	**Tier**	**Within Zone of influence (ZoI)?**	**Progress to stage 2?**	**Overlap in temporal scope?**	**Scale and nature of development likely to be significant effect?**	**Other Factors**	**Progress to Stage 3/4?**
	MLA/2014/00288/1 Disposal of dredged material	Marina Developments Ltd, Northney Marina – maintenance dredging Licence ref: L/2014/00368/1	Dredging activities: c.6.8 km Disposal activities: c.7.94 km	1	Yes	Yes	Licence end date: 20.12.2024			No
	MLA/2014/00392/5, Disposal of dredged material	Premier Marinas Ltd, Gosport Marina Maintenance Dredge Licence ref: MLA/2014/00392/5	Dredging activities: c.5.5 km Disposal activities: c.7.94 km	1	Yes	Yes	Licence end date: 16.11.2024			No
	MLA/2015/00285/1 Disposal of dredged material	Marina Developments Ltd, Hythe Marina Village (Approach Channel) - Maintenance Dredging Licence ref: L/2015/00355/1	Dredging activities: c.27.19 km Disposal activities: c.7.94 km	1	Yes	Yes	Licence end date: 30.04.2026		Dredging activities over 27 km away from proposed development	No
	MLA/2014/00420/1,	Premier Marinas Ltd,	Dredging activities:	1	Yes	Yes	Licence end date:			No

Projects/Plans					Stage 1		Stage 2			
ID No.	**Application / Case Ref.**	**Applicant and Brief Description**	**Distance from Project**	**Tier**	**Within Zone of influence (ZoI)?**	**Progress to stage 2?**	**Overlap in temporal scope?**	**Scale and nature of development likely to be significant effect?**	**Other Factors**	**Progress to Stage 3/4?**
	Disposal of dredged material	Port Solent Approach Channel Dredge Licence ref: L/2015/00066/1	c. 7.15 km Disposal activities: c.7.94 km				08.03.2025			
	MLA/2014/00592/1, Disposal of dredged material	Associated British Ports, Southampton, ABP Southampton – Maintenance Dredge Licence Licence ref: L/2015/00330/1	Dredging activities: c.1.42 km Disposal activities: c.7.94 km	1	Yes	Yes	Licence end date: 31.10.2025			No
	MLA/2015/00216/1, Disposal of dredged material	Premier Marinas (Southsea) Ltd, Southsea Marina Maintenance Dredge of Marina Entrance Licence ref: L/2015/00402/1	Dredging activities: c.0.66 km Disposal activities: c.7.94 km	1	Yes	Yes	Licence end date: 16.11.2025			No
	MLA/2015/00284/1	Marina Developments Ltd, Saxon Wharf – maintenance dredging	Dredging activities:	1	Yes	Yes	Licence end date:			No

Projects/Plans					Stage 1		Stage 2			
ID No.	**Application / Case Ref.**	**Applicant and Brief Description**	**Distance from Project**	**Tier**	**Within Zone of influence (ZoI)?**	**Progress to stage 2?**	**Overlap in temporal scope?**	**Scale and nature of development likely to be significant effect?**	**Other Factors**	**Progress to Stage 3/4?**
	Disposal of dredged material	Licence ref: L/2016/00279/1	c.27.58 km Disposal activities: c.36.11 km				13.10.2026			
	MLA/2015/00287 Disposal of dredged material	Marina Developments Ltd, Port Hamble Marina - Maintenance Dredging Licence ref: L/2015/00381	Dredging activities: c.20.84 km Disposal activities: c.7.94 km	1	Yes	Yes	Licence end date: 31.03.2026		Dredging activities over 20 km away from proposed development	No
	MLA/2015/00331 Disposal of dredged material	Lafarge Tarmac Ltd, Burnley Wharf Silt Disposal Licence ref: L/2015/00416	c.7.94 km	1	Yes	Yes	Licence end date: 02.12.2025			No
	MLA/2015/00426/1 Disposal of dredged material	Thornham Marina Ltd, Thornham Marine Maintenance Dredge Licence ref: L/2016/00007/1	Dredging activities: c.9.86 km	1	Yes	Yes	Licence end date: 12.01.2019			No

Projects/Plans					Stage 1		Stage 2			
ID No.	**Application / Case Ref.**	**Applicant and Brief Description**	**Distance from Project**	**Tier**	**Within Zone of influence (ZoI)?**	**Progress to stage 2?**	**Overlap in temporal scope?**	**Scale and nature of development likely to be significant effect?**	**Other Factors**	**Progress to Stage 3/4?**
			Disposal activities: c.5.58 km							
	MLA/2016/00025/2 Disposal of dredged material	Esso Petroleum Company Ltd, Esso Fawley Marine Terminal Maintenance Dredging and Disposal Licence Renewal Licence ref: L/2016/00108/2	Dredging activities: c.20.26 km Disposal activities: c.7.94 km	1	Yes	Yes	Licence end date: 14.04.2026			No
	MLA/2016/00036/1 Disposal of dredged material	Portsmouth Naval Base Property Trust, Portsmouth Heritage Pontoon and HMS Warrior Dredging and Construction Works, Licence ref: L/2016/00101/1	Dredging activities: c.5.05 km Disposal activities: c.7.94 km	1	Yes	Yes	Licence end date: 01.05.2020	No- Licence timeframes will not overlap		No
	MLA/2016/00093/2	Cowes Harbour Commission, Maintenance Dredge of the area in and around Shepards Wharf Marina and Town Quay (Cowes)	Dredging activities: c.18.04 km	1	Yes	Yes	Licence end date: 29.06.2026	No – the addition of the activities undertaken as part of the	Dredging activities over 18 km away from	No

Projects/Plans					Stage 1		Stage 2			
ID No.	**Application / Case Ref.**	**Applicant and Brief Description**	**Distance from Project**	**Tier**	**Within Zone of influence (ZoI)?**	**Progress to stage 2?**	**Overlap in temporal scope?**	**Scale and nature of development likely to be significant effect?**	**Other Factors**	**Progress to Stage 3/4?**
	Disposal of dredged material	Licence ref: L/2016/00191/2	Disposal activities: c.7.94 km					Proposed Development will not significantly add to the impact of the dredge activity that will be ongoing at these sites. Disposal will be within Nab Tower disposal ground, and any additional sediment that may interact with this area is not considered to lead to potentially significant impacts due to the areas status as designated disposal area for sediments.	propose d develop ment	
	MLA/2016/0 0098 Disposal of dredged material	Royal Yacht Squadron, RYS Jubilee Haven Licence ref: L/2016/00132	Dredging activities: c.18.47 km Disposal activities: c.7.94 km	1	Yes	Yes	Licence end date: 06.06.20 26		Dredging activities over 18 km away from propose d develop ment	No
	MLA/2016/0 0215 Disposal of dredged material	Marina Developments Ltd, Mercury Yacht Harbour Licence ref: L/2016/00323	Dredging activities: c.21.13 km Disposal activities: c.7.94 km	1	Yes	Yes	Licence end date: 13.10.20 26		Dredging activities over 21 km away from propose d develop ment	No
	MLA/2016/0 0216/1	Marina Developments Ltd, Hamble Point Marina - Maintenance Dredging	Dredging activities: c.20.39 km	1	Yes	Yes	Licence end date: 13.10.20 26		Dredging activities over 20 km away	No

Projects/Plans					Stage 1		Stage 2			
ID No.	**Application / Case Ref.**	**Applicant and Brief Description**	**Distance from Project**	**Tier**	**Within Zone of influence (ZoI)?**	**Progress to stage 2?**	**Overlap in temporal scope?**	**Scale and nature of development likely to be significant effect?**	**Other Factors**	**Progress to Stage 3/4?**
	Disposal of dredged material	Licence ref: L/2016/00318/1	Disposal activities: c.7.94 km						from proposed development	
	MLA/2016/00255/2 Disposal of dredged material	Dean & Reddyoff Ltd, Haslar Marina Maintenance Dredge Licence ref: L/2016/00274/1	Dredging activities: c.5.83 km Disposal activities: c.7.94 km	1	Yes	Yes	Licence end date: 11.09.2021			No
	MLA/2016/00341/3 Disposal of dredged material	BP Oil (UK) Ltd, BP Oil UK Ltd - Hamble jetty and approaches Maintenance Dredging Licence ref: L/2017/00105/2	Dredging activities: c.21.23 km Disposal activities: c.7.94 km	1	Yes	Yes	Licence end date: 03.04.2027			No
	MLA/2016/00355/1	Kendall Bros. (Portsmouth) Ltd, Kendalls wharf aggregate washings silt disposal	c.7.94 km	1	Yes	Yes	Licence end date: 29.11.2019			No

Projects/Plans					Stage 1		Stage 2			
ID No.	**Application / Case Ref.**	**Applicant and Brief Description**	**Distance from Project**	**Tier**	**Within Zone of influence (ZoI)?**	**Progress to stage 2?**	**Overlap in temporal scope?**	**Scale and nature of development likely to be significant effect?**	**Other Factors**	**Progress to Stage 3/4?**
	Disposal of dredged material	Licence ref: L/2016/00347/1								
	MLA/2016/00421 Disposal of dredged material	Southampton International Boat Show Ltd, Southampton Boat Show Maintenance Dredge Licence ref: L/2017/00058	Dredging activities: c.28.81 km Disposal activities: c.7.94 km	1	Yes	Yes	Licence end date: 26.02.2027		Dredging activities over 28 km away from proposed development	No
	MLA/2016/00433/1 Disposal of dredged material	Kendall Bros (Southampton) Ltd, Maintenance Dredging at Kendalls Wharf Licence ref: L/2017/00466/1	Dredging activities: c.4.22 km Disposal activities: c.7.94 km	1	Yes	Yes	Licence end date: 30.11.2020			No
	MLA/2016/00446 Disposal of dredged material	Cowes Corinthian Yacht Club Ltd, CCYC Marina maintenance dredge Licence ref: L/2017/00246	Dredging activities: c.18.2 km	1	Yes	Yes	Licence end date: 24.07.2027		Dredging activities over 18 km away from propose	No

Projects/Plans					Stage 1		Stage 2			
ID No.	**Application / Case Ref.**	**Applicant and Brief Description**	**Distance from Project**	**Tier**	**Within Zone of influence (ZoI)?**	**Progress to stage 2?**	**Overlap in temporal scope?**	**Scale and nature of development likely to be significant effect?**	**Other Factors**	**Progress to Stage 3/4?**
			Disposal activities: c.7.94 km						d develop ment	
	MLA/2016/00471 Disposal of dredged material	Emsworth Yacht Harbour Ltd, Emsworth Yacht Harbour Maintenance Dredge Licence ref: L/2017/00052	Dredging activities: c.9.36 km Disposal activities: c.5.58 km	1	Yes	Yes	Licence end date: 30.04.2019	No – No temporal overlap		No
	MLA/2016/00484 Disposal of dredged material	Royal Naval Sailing Association, RNSA - Alliance, Haslar Pontoon & Hornet Licence ref: L/2017/00106	Dredging activities: c.5.53 km Disposal activities: c.7.94 km	1	Yes	Yes	Licence end date: 27.04.2027	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 these sites.		No
	MLA/2016/00501	Oceanic Estates Ltd, Hythe Marine Park Maintenance Dredge Licence ref: L/2017/00116	Dredging activities: c.26.02 km	1	Yes	Yes	Licence end date: 25.04.2027		Dredging activities over 26 km away from	No

Projects/Plans					Stage 1		Stage 2			
ID No.	**Application / Case Ref.**	**Applicant and Brief Description**	**Distance from Project**	**Tier**	**Within Zone of influence (ZoI)?**	**Progress to stage 2?**	**Overlap in temporal scope?**	**Scale and nature of development likely to be significant effect?**	**Other Factors**	**Progress to Stage 3/4?**
	Disposal of dredged material		Disposal activities: c.7.94 km					Disposal will be within Nab Tower disposal ground, and any additional sediment that may interact with this area is not considered to lead to potentially significant impacts due to the areas status as designated disposal area for sediments.	propose d develop ment	
	MLA/2016/00507/1 Disposal of dredged material	Tarmac Ltd, Bedhampton Approach Channel and Berth Maintenance Dredge Licence ref: L/2017/00084/1	Dredging activities: c.6.02 km Disposal activities: c.7.94 km	1	Yes	Yes	Licence end date: 16.03.2027			No
	MLA/2016/00509 Disposal of dredged material	Cemex UK, Leamouth Wharf Silt Disposal Licence ref: L/2017/00090	c.7.94 km	1	Yes	Yes	Licence end date: 28.02.2027			No
	MLA/2017/00094 Disposal of dredged material	Raymond Brown Aggregates, Marchwood Wharf - Silt Disposal Licence ref: L/2017/00201	c.7.94 km	1	Yes	Yes	Licence end date: 16.11.2027			No
	MLA/2017/00095/1	Tarmac Trading Ltd,	c.7.94 km	1	Yes	Yes	Licence end date:			No

Projects/Plans					Stage 1		Stage 2			
ID No.	**Application / Case Ref.**	**Applicant and Brief Description**	**Distance from Project**	**Tier**	**Within Zone of influence (ZoI)?**	**Progress to stage 2?**	**Overlap in temporal scope?**	**Scale and nature of development likely to be significant effect?**	**Other Factors**	**Progress to Stage 3/4?**
	Disposal of dredged material	Bedhampton Silt Disposal Licence ref: L/2017/00197/1					09.10.2027			
	MLA/2017/00105 Disposal of dredged material	Gosport Ferry Ltd, Gosport Ferry Clarence Wharf Maintenance Dredging Licence ref: L/2017/00148	Dredging activities: c.5.93 km Disposal activities: c.7.94 km	1	Yes	Yes	Licence end date: 02.07.2027			No
	MLA/2017/00174 Disposal of dredged material	Portsmouth City Council, RE: Portsmouth International Ferry Port - Berth 2 Deepening Licence ref: L/2018/00029	Dredging activities: c.4.66 km Disposal activities: c.7.94 km	1	Yes	Yes	Licence end date: 17.01.2019	No – There is no temporal overlap		No
	MLA/2017/00308 Disposal of dredged material	Trafalgar Wharf Ltd, Trafalgar Wharf Approach Channel Licence ref: L/2017/00406	Dredging activities: c.7.86 km	1	Yes	Yes	Licence end date: 31.10.2027	No – the addition of the activities undertaken as part of the		No

Projects/Plans					Stage 1		Stage 2			
ID No.	**Application / Case Ref.**	**Applicant and Brief Description**	**Distance from Project**	**Tier**	**Within Zone of influence (ZoI)?**	**Progress to stage 2?**	**Overlap in temporal scope?**	**Scale and nature of development likely to be significant effect?**	**Other Factors**	**Progress to Stage 3/4?**
			Disposal activities: c.7.94 km					Proposed Development will not significantly add to the impact of the maintenance dredge activity that will be ongoing at these sites. Disposal will be within Nab Tower disposal ground, and any additional sediment that may interact with this area is not considered to lead to potentially significant impacts due to the areas status as designated disposal area for sediments.		
	MLA/2017/00478 Disposal of dredged material	Defence Infrastructure Organisation, HMNB Portsmouth Maintenance Dredging and Disposal Licence ref: L/2018/00293	Dredging activities: c.3.42 km Disposal activities: c.7.94 km	1	Yes	Yes	Licence end date: 27.07.2028			No
	MLA/2018/00082 Disposal of dredged material	Beaulieu Enterprises Ltd, Buckler's Hard Maintenance Dredge Licence ref: L/2018/00279	Dredging activities: c.26.81 km Disposal activities: c.7.94 km	1	Yes	Yes	Licence end date: 29.09.2028			No
	MLA/2018/00133	Chichester Harbour Conservancy, Bosham Quay Dredge Licence ref: L/2018/00215	Dredging activities: c.12.71 km	1	Yes	Yes	Licence end date: 30.04.2019			No

Projects/Plans					Stage 1		Stage 2			
ID No.	**Application / Case Ref.**	**Applicant and Brief Description**	**Distance from Project**	**Tier**	**Within Zone of influence (ZoI)?**	**Progress to stage 2?**	**Overlap in temporal scope?**	**Scale and nature of development likely to be significant effect?**	**Other Factors**	**Progress to Stage 3/4?**
	Disposal of dredged material		Disposal activities: c.5.58 km							
	MLA/2018/00167 Disposal of dredged material	Premier Marinas (Gosport) Ltd, Gosport Marina - Endeavour Quay Link Pontoon Dredge Licence ref: L/2018/00261	Dredging activities: c.5.51 km Disposal activities: c.7.94 km	1	Yes	Yes	Licence end date: 31.08.2020			
27.	MLA/2017/00227	Hansen aggregates Marine Ltd. - Aggregate Extraction Area 372/1.	c. 8.63 km	1	Yes	Yes	Licence end date 21.01.2029	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		No

Projects/Plans					Stage 1		Stage 2			
ID No.	**Application / Case Ref.**	**Applicant and Brief Description**	**Distance from Project**	**Tier**	**Within Zone of influence (ZoI)?**	**Progress to stage 2?**	**Overlap in temporal scope?**	**Scale and nature of development likely to be significant effect?**	**Other Factors**	**Progress to Stage 3/4?**
								within the licenced aggregate extraction area.		
28.	MLA/2012/00320/6	Volker Dredging Ltd/Cemex UK marine Ltd - Area 340 full term licence application.	c. 12.44 km	1	Yes	Yes	Licence end date 31.08.2035	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.		No
29		Oil and Gas Authority (OGA) 31st Offshore Licensing Round	OGA blocks overlap	3	The AQUIND marine cable corridor is	Yes	Blocks not yet awarded.	No – Activities likely limited to survey at this stage. No potential for		

Projects/Plans					Stage 1		Stage 2			
ID No.	**Application / Case Ref.**	**Applicant and Brief Description**	**Distance from Project**	**Tier**	**Within Zone of influence (ZoI)?**	**Progress to stage 2?**	**Overlap in temporal scope?**	**Scale and nature of development likely to be significant effect?**	**Other Factors**	**Progress to Stage 3/4?**
					intersected by blocks 99/12, 99/12 and 99/14			significant cumulative impact		
30.	NSIP application EN010024	Navitus Bay Wind Park – the project has been refused in 2015, and the developer has chosen not to appeal the decision of the minister. We will monitor future developments of this project and include cumulative impacts assessments where appropriate.	c.53 km	3	No	No	None	No		No
31.	NSIP application EN010032	Rampion Wind Farm - is currently in the commissioning and testing phase and is expected to be fully operational by late 2018. The Project will only be considered with regard to any possible asset management activities where relevant.	c.6.92 km	3	Yes	Yes	None	No - no temporal overlap construction periods		No
32	None	AQUIND Interconnector in French EEZ and French territorial waters.	0 km	2	Yes	Yes		Yes		Yes
33.		Fécamp Offshore Wind Farm - in French EEZ	c.33.18 km	3	No	No				No

Projects/Plans					Stage 1		Stage 2			
ID No.	**Application / Case Ref.**	**Applicant and Brief Description**	**Distance from Project**	**Tier**	**Within Zone of influence (ZoI)?**	**Progress to stage 2?**	**Overlap in temporal scope?**	**Scale and nature of development likely to be significant effect?**	**Other Factors**	**Progress to Stage 3/4?**
34.		Dieppe Le Tréport Offshore Wind Farm - in French EEZ	c.59.01 km	3	No	No				No
35	L/2012/00057/5	DEME Building Materials NV Aggregate Extraction Area 478	c. 4.1 km	1	Yes	Yes	Licence end date April 15, 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.		No
36*	L/2012/00215/12	HANSON AGGREGATES MARINE LTD, Aggregate Extraction Areas 473, 474, 475	c. 6.37 km	1	Yes	Yes	Licence end date November 5, 2021	No – the additional activities undertaken as part of the Proposed Development		No

Projects/Plans					Stage 1		Stage 2			
ID No.	**Application / Case Ref.**	**Applicant and Brief Description**	**Distance from Project**	**Tier**	**Within Zone of influence (ZoI)?**	**Progress to stage 2?**	**Overlap in temporal scope?**	**Scale and nature of development likely to be significant effect?**	**Other Factors**	**Progress to Stage 3/4?**
								will not significantly add to the impact of the large volume of dredging activity that will be ongoing within the licenced aggregate extraction area.		
37	L/2014/00195/7	Volker Dredging Ltd Aggregate Extraction Area 461	c.1.93 km	1	Yes	Yes	Licence end date September 5, 2021	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		No

Projects/Plans					Stage 1		Stage 2			
ID No.	**Application / Case Ref.**	**Applicant and Brief Description**	**Distance from Project**	**Tier**	**Within Zone of influence (ZoI)?**	**Progress to stage 2?**	**Overlap in temporal scope?**	**Scale and nature of development likely to be significant effect?**	**Other Factors**	**Progress to Stage 3/4?**
								aggregate extraction area.		
38		Granulats de Dieppe aggregate site – in French EEZ	c.69.36 km	1	No	No	Licence issued 2010 for 30 years	Extraction only 600 000 tons the first 15 years 800 000 tons the 15 last years		No
39		Gris Nez aggregate site - in French EEZ	c.68.63 km	1	No	No	Licence issued 2013 for 30 years	Extraction only 270 000 m3/years		No
40		Cote d'Albatre aggregate site - in French EEZ	c.23.38 km	1	No	No	Licence issued 2011 for 30 years	Extraction only 3 000 000 tons/ year		No
41		Saint Nicolas aggregate site - in French EEZ	c.2.88 km	1	Yes	Yes	Licence issued 2013 for 30 years	No – the additional activities undertaken as part of the Proposed Development will not significantly add to the impact of		No

Projects/Plans					Stage 1		Stage 2			
ID No.	**Application / Case Ref.**	**Applicant and Brief Description**	**Distance from Project**	**Tier**	**Within Zone of influence (ZoI)?**	**Progress to stage 2?**	**Overlap in temporal scope?**	**Scale and nature of development likely to be significant effect?**	**Other Factors**	**Progress to Stage 3/4?**
								the large volume of dredging activity that will be ongoing within the licenced aggregate extraction area.		