

Volume 2: Appendices

Appendix 3

In-combination long list

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Stage 1 and Stage 2 Offshore Long list

Key

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Notes

Projects and plans included are correct as of March 2024, any projects or plans that have become publicly available post this date can not be assumed to have been assessed. This is considered an acceptable timeframe to allow preparation and submission of the planning application and Natura Impact Statement and is standard best practice.

Offshore Stage 1 and Stage 2 In-Combination Effects Matrices
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Project	Developer	Status	Region	Construction Period (orange outline denotes proposed development offshore construction period)													Distance to array area (km)	Distance to ECC (km)	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammal Ecology	Offshore and Intertidal Ornithology	
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033							2034
Oriel	Oriel Windfarm Limited, Parkwind NV, ESB	Pre-planning application	Ireland															16.9	21.6	f	c	c	c
Dublin Array	RWE	Pre-planning application	Ireland															32.9	37.6	e	c	c	c
Codling Wind Park	Fred. Olsen Seawind, EDF Energies	Pre-planning application	Ireland															50.9	56.9	e	c	c	c
Arklow Bank Phase 2	SSE Renewables	Pre-planning application	Ireland															76.4	80.0	e	e	c	c
Arklow Bank Phase 1	GE Energy	Operational	Ireland															88.3	91.3	e	e	a	b
Morgan	EnBW and BP	Pre-planning application	England/Wales															111.5	119.9	e	e	c	c
North Channel Wind 2	North Channel Wind 2	Pre-planning application	Northern Ireland															112.9	120.0	e	e	c	e
Mona	EnBW and BP	Planning application submitted	England/Wales															117.3	124.8	e	e	c	c
Isle of Man (Moor Vannin)	Orsted & Isle of Man Government	Pre-planning application	Isle of Man															118.0	126.5	e	e	c	e
Awel y Môr	RWE Renewables	Consented	England/Wales															131.6	139.5	e	e	c	c
Walney Extension 3	Ørsted	Operational	England/Wales															133.3	141.8	e	e	a	b
North Channel Wind 1	North Channel Wind 1	Pre-planning application	Northern Ireland															135.4	141.7	e	e	c	e
Walney Extension 4	Walney Extension Limited	Operational	England/Wales															138.6	147.0	e	e	a	b
Morecambe	Cobra & Flotation Energy	Pre-planning application	England/Wales															138.9	146.5	e	e	c	c
Gwynt y Mor	RWE	Operational	England/Wales															143.2	151.2	e	e	a	b
Rhyl Flats	RWE Npower	Operational	England/Wales															144.5	152.8	e	e	a	b
Walney 2	Ørsted	Operational	England/Wales															148.3	156.7	e	e	a	b
West of Duddon Sands	Scottish Power Renewables & Ørsted	Operational	England/Wales															153.2	161.5	e	e	a	b
Walney 1	Ørsted	Operational	England/Wales															153.7	162.0	e	e	a	b
North Hoyle	Greencoat	Operational	England/Wales															157.5	165.5	e	e	a	b
Ormonde	Vattenfall	Operational	England/Wales															160.7	169.1	e	e	a	b
Burbo Bank Extension	Ørsted	Operational	England/Wales															163.4	171.1	e	e	a	b
Barrow	Ørsted	Operational	England/Wales															167.7	175.9	e	e	a	b
Burbo Bank	Ørsted	Operational	England/Wales															173.6	181.3	e	e	a	b
Robin Rigg West	E.ON UK	Operational	Scotland															176.7	184.9	e	e	a	b
Robin Rigg East	E.ON UK	Operational	Scotland															178.8	186.9	e	e	a	b
Shearwater One	Shearwater energy limited	Pre-planning application	Scotland															220.3	225.0	e	e	c	e
Erebus Floating Wind Demo	Simply Blue Energy & TotalEnergies	Consented	England/Wales															235.1	239.6	e	e	c	c
Machair	MachairWind SPR Ltd.	Pre-planning application	Scotland															235.2	239.9	e	e	e	e
Valorous	Blue Gem Wind Ltd	Pre-planning application	England/Wales															244.0	248.2	e	e	c	e
Llyr 1	Llyr 1 Cierco Ltd., SBM Offshore N.V.	Pre-planning application	England/Wales															248.8	254.1	e	e	c	e
Llyr 2	Llyr 2 Cierco Ltd., SBM Offshore N.V.	Pre-planning application	England/Wales															251.1	257.4	e	e	c	e
Sceirde Rocks	Fuinneamh Sceirde Teoranta / GIG	Pre-planning application	Ireland															262.3	247.2	e	e	c	e
White Cross	White Cross Flotation Energy plc, COBRA INSTALACIONES Y SERVICIOS, S.A.	Planning application	England/Wales															274.7	280.6	e	e	c	c

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				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033							2034	
Atlantic Marine Energy Test Site	Sustainable Energy Authority of Ireland (SEAI)	Consented	Ireland																277.6	268.0	e	e	c	e
Blyth	Blyth Harbor Wind Ltd	Operational	England/Wales																322.3	330.8	e	e	a	e
Forthwind	Cierco	Consented	Scotland																324.0	332.0	e	e	a	e
Teesside	EDF Energy - Northern Offshore Windfarm Ltd	Operational	England/Wales																324.4	332.9	e	e	a	e
Methil Demo/Levenmouth	ORE Catapult Ltd	Operational	Scotland																325.5	333.5	e	e	a	e
Blyth Demo Phase 1	EDF Energy Renewables	Operational	England/Wales																326.8	335.2	e	e	a	e
Blyth Demonstration Site	EDF Energy Renewables	Consented	England/Wales																330.5	338.9	e	e	a	e
Neart Na Gaoithe	Mainstream Renewable Power	Consented	Scotland																357.9	366.0	e	e	c	e
TwinHub	Hexicon	Consented	England/Wales																358.5	362.5	e	e	c	c
Berwick Bank	Scottish Southern Energy Renewables	Planning application submitted	Scotland																373.3	381.5	e	e	c	e
Inch Cape	Red Rock Power (ICOL)	Under construction	Scotland																377.4	385.4	e	e	c	e
Westermost Rough	Ørsted	Operational	England/Wales																390.8	398.3	e	e	a	e
Seagreen Phase 1	SSE / Seagreen Wind Energy Ltd	Operational	Scotland																396.6	404.7	e	e	c	e
Humber Gateway	E.ON Humber Wind Ltd / Balfour Beatty Investments and Equitix.	Operational	England/Wales																402.1	409.4	e	e	a	e
Inner Dowsing	XccCo	Operational	England/Wales																418.9	426.6	e	e	a	e
Lynn	XccCo	Operational	England/Wales																419.9	427.7	e	e	a	e
Lincs	Ørsted	Operational	England/Wales																420.1	427.7	e	e	a	e
Triton Knoll	Innogy	Operational	England/Wales																432.5	439.9	e	e	a	e
Kincardine	Grupo Cobra	Operational	Scotland																439.3	447.2	e	e	a	e
Race Bank	Ørsted / Macquarie Group	Operational	England/Wales																439.6	447.1	e	e	a	e
Morven	Morven BP E1	Consented	Scotland																444.1	452.2	e	e	c	e
Bowdun	Cluaran Deas Ear DEME E3	Pre-planning applicat	Scotland																449.6	457.6	e	e	c	e
Hornsea Project Four	Ørsted	Consented	England/Wales																449.9	457.9	e	e	c	e
Outer Dowsing	Green Investment Group - Total	Planning application submitted	England/Wales																452.3	459.7	e	e	c	e
Aberdeen (EOWDC)	Vattenfall	Operational	Scotland																453.4	461.2	e	e	a	e
Sheringham Shoal Extension	Equinor	Planning application	England/Wales																459.2	466.8	e	e	c	e
Sheringham Shoal	Equinor	Operational	England/Wales																462.3	469.9	e	e	a	e
Ossian	SSE Renewables-Marubeni-CIP E1	Pre-planning applicat	Scotland																464.5	472.6	e	e	e	e
Dudgeon Extension	Equinor	Planning application submitted	England/Wales																465.7	473.1	e	e	c	e
Dogger Bank South (West)	RWE Renewables	Pre-planning applicat	England/Wales																470.8	479.2	e	e	c	e
Dudgeon	Statoil / Statkraft	Operational	England/Wales																476.3	483.8	e	e	a	e
Hornsea Project Two	Ørsted	Operational	England/Wales																479.7	487.4	e	e	a	e

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				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033							2034
Rampion 2	Rampion 2 OWF	Planning application submitted	England/Wales															484.2	494.2	e	e	c	e
Dogger Bank - Crevke Beck B	SSE / Equinor	Under construction	England/Wales															492.6	501.0	e	e	c	e
Hornsea Project One	Ørsted	Operational	England/Wales															493.7	501.2	e	e	a	e
Bellrock	Bellrock Falck Renewables E1	Pre-planning application	Scotland															494.9	503.1	e	e	c	e
Rampion	E.ON UK	Operational	England/Wales															495.1	505.2	e	e	a	e
Dogger Bank South (East)	RWE Renewables	Pre-planning application	England/Wales															498.8	507.0	e	e	c	e
Dogger Bank - Crevke Beck A	SSE / Equinor	Under construction	England/Wales															499.9	508.3	e	e	c	e
Hywind	Statoil	Operational	Scotland															500.3	508.2	e	e	a	e
Moray West	EDPR	Under construction	Scotland															501.8	508.9	e	e	c	e
BP	BP Alternative Energy Investments	Pre-planning application	Scotland															507.3	515.2	e	e	e	e
Spiorad na Mara	Northland Power N4	Pre-planning application	Scotland															513.3	518.2	e	e	c	e
Moray East	Diamond Green Limited, CTG & Ocean Winds	Operational	Scotland															514.7	522.0	e	e	a	e
Salamander	Simply Blue Energy (Scotland)	Pre-planning application	Scotland															517.2	525.1	e	e	c	e
Gunfleet Sands I	Ørsted	Operational	England/Wales															518.3	527.5	e	e	a	e
Gunfleet Sands Demo	Ørsted	Operational	England/Wales															519.1	528.3	e	e	a	e
Caledonia	Caledonia Offshore Wind Farm Ocean Winds NE4	Pre-planning application	Scotland															519.4	526.8	e	e	c	e
Scroby Sands	E.ON UK	Operational	England/Wales															519.7	527.9	e	e	a	e
Muir Mhòr	Muir Mhòr Fred Olsen, Vattenfall	Pre-planning application	Scotland															519.7	527.8	e	e	c	e
Gunfleet Sands II	Ørsted	Operational	England/Wales															520.1	529.4	e	e	a	e
Kentish Flats Extension	Vattenfall	Operational	England/Wales															522.9	532.3	e	e	a	e
Kentish Flats	Vattenfall	Operational	England/Wales															524.0	533.5	e	e	a	e
Beatrice	Scottish & Southern Energy (SSE) / Repsol / CIP	Operational	Scotland															524.1	531.3	e	e	a	e
Dogger Bank - Teesside B (Sofia)	RWE Renewables UK Limited	Under construction	England/Wales															526.0	534.5	e	e	c	e
Campion	CampionWind Shell Wind Energy SPR E2	Pre-planning application	Scotland															528.1	536.2	e	e	c	e
Hornsea Project Three	Ørsted	Consented	England/Wales															529.4	537.1	e	e	c	e
Parc eolien pose au large de la Normandie (AO4)	EDF and Maple Power	Consented	France															530.5	540.6	e	e	c	e
Centre-Manche 1	EDF and Maple Power	Consented	France															533.6	543.7	e	e	c	e
London Array	Siemens Gamesa Renewable Energy	Operational	England/Wales															536.6	545.9	e	e	a	e
Centre-Manche 2	TBC	Pre-planning application	France															539.6	549.7	e	e	c	e
Cedar	Cerulean Winds	Pre-planning application	Scotland															542.1	550.3	e	e	c	e
Broadshore	Broadshore BlueFloat, Falck Renewables Ltd, NE6	Pre-planning application	Scotland															546.2	553.8	e	e	c	e
Norfolk Vanguard West	RWE (formerly Vattenfall / Scottish Power Renewables)	Consented	England/Wales															548.3	556.0	e	e	c	e
North Falls	North Falls Offshore Wind Farm Limited	Pre-planning application	England/Wales															549.0	557.9	e	e	c	e
Greater Gabbard	Airtricity / Fluor Ltd	Operational	England/Wales															551.2	560.1	e	e	a	e
Green Volt	Flotation Energy	Pre-planning application	Scotland															554.4	562.3	e	e	c	e

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Talisk	Magnora-Technip N3	Pre-planning applicat	Scotland														554.5	559.7	e	e	c	e
East Anglia Two	Scottish Power Renewables	Consented	England/W ales														556.0	563.2	e	e	c	e
Galloper	RWE Npower Renewables	Operational	England/W ales														555.4	564.3	e	e	a	e
Aspen	Cerulean Winds	Pre-planning applicat	Scotland														555.8	563.8	e	e	e	e
Thanet	Vattenfall	Operational	England/W ales														556.8	566.2	e	e	a	e
Pentland Floating	Hexicon AB / COP	Consented	Scotland														557.7	564.4	e	e	c	e
Scaraben	Bluefloat Energy/Renanis Partnership	Pre-planning applicat	Scotland														559.2	566.8	e	e	e	e
Sinclair	Bluefloat Energy/Renanis Partnership	Pre-planning applicat	Scotland														560.4	567.9	e	e	e	e
East Anglia One North	Scottish Power Renewables	Consented	England/W ales														560.5	568.8	e	e	c	e
Havbredey	Northland Power N2	Pre-planning applicat	Scotland														560.7	566.3	e	e	a	e
Dogger Bank C - Teesside A	SSE / Equinor	Under construction	England/W ales														564.0	572.4	e	e	c	e
Five Estuaries	Five Estuaries Offshore Wind Farm Limited	Planning application	England/W ales														564.6	573.4	e	e	c	e
Stromar	Stromar BlueFloat Energy,Falck Renewables Limited,Ørsted A/S NE3	Pre-planning applicat	Scotland														566.4	573.8	e	e	c	e
West of Orkney	West of Orkney Total Energies N1	Pre-planning applicat	Scotland														566.7	573.0	e	e	c	e
Saint-Brieuc	Iberdrola	Under construction	France														567.8	577.3	e	e	c	e
Marram	MaramWind SPR Shell Wind Ltd. NE7	Pre-planning applicat	Scotland														570.6	578.5	e	e	c	e
East Anglia ONE	Scottish Power Renewables	Operational	England/W ales														575.5	584.0	e	e	a	e
Buchan	Floating Energy Allyance Elicio nv, Baywar r.e., BW Ideol NE8	Pre-planning applicat	Scotland														576.8	584.6	e	e	c	e
Norfolk Vanguard East	RWE (formerly Vattenfall / Scottish Power Renewables)	Consented	England/W ales														578.6	586.3	e	e	c	e
East Anglia Three	Scottish Power Renewables	Under construction	England/W ales														582.2	590.1	e	e	c	e
Courseulles-sur-mer	Éolien Maritime France	Under construction	France														582.6	592.6	e	e	c	e
Cenos	Flotation Energy	Pre-planning applicat	Scotland														582.8	591.0	e	e	c	e
Fécamp	Éolien Maritime France	Under construction	France														583.1	593.1	e	e	c	e
Ayre	Cluaran Ear-Thuath NE2	Pre-planning applicat	Scotland														601.6	608.9	e	e	c	e
Harbour Energy South	Harbour Energy	Pre-planning applicat	Scotland														608.6	617.0	e	e	e	e
Dieppe Le Tréport	Ocean Winds	Consented	France														609.1	619.1	e	e	c	e
IJmuiden Ver	TenneT	Pre-planning applicat	Netherland s														613.7	621.7	e	e	c	e
Dunkerque	EDF	Pre-planning applicat	France														614.7	624.1	e	e	c	e
Northwester 2	Parkwind	Operational	Belgium														616.8	625.7	e	e	a	e
Borssele	Orsted	Operational	Netherland s														617.5	626.4	e	e	a	e
Borssele Kavel IV	Blauwwind	Operational	Netherland s														617.5	626.4	e	e	a	e
OWF Borssele IV	Blauwwind	Operational	Netherland s														617.5	626.4	e	e	a	e
Culzean	TotalEnergies E&P UK	Pre-planning applicat	Scotland														620.6	628.7	e	e	e	e
Belwind phase 2 (Nobelwind)	Belwind Offshore Energy	Operational	Belgium														620.7	629.6	e	e	a	e
Belwind phase 1	Belwind Offshore Energy	Operational	Belgium														621.6	630.6	e	e	a	e
Seamade	Otary	Operational	Belgium														624.1	633.0	e	e	a	e
OWF Borssele III	Blauwwind	Operational	Netherland s														628.0	636.9	e	e	a	e

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Northwind	Colruyt Group and Aspiravi Offshore	Operational	Belgium															629.4	638.4	e	e	a	e
Hollandse Kust F	Vattenfall	Under construction	Netherlands															630.4	638.9	e	e	c	e
OWF Borssele I	Orsted	Operational	Netherlands															630.6	639.4	e	e	a	e
Rentel	Otary	Operational	Belgium															631.7	640.7	e	e	a	e
Borssele Kavel V	Blauwwind	Operational	Netherlands															633.2	642.0	e	e	a	e
C-Power (Zone A)	Blue Cluster	Operational	Belgium															633.5	642.5	e	e	a	e
OWF Borssele II	Orsted	Operational	Netherlands															637.2	646.0	e	e	a	e
Harbour Energy North	Harbour Energy	Pre-planning applicat	Scotland															638.3	646.4	e	e	e	e
Norther	Elicio NV, Eneco Wind Belgium SA and Diamond Generating Europe BV	Operational	Belgium															638.4	647.4	e	e	a	e
Hollandse Kust (West)	Ecowende	Consented	Netherlands															646.2	654.5	e	e	e	e
Beech	Cerulean Winds	Pre-planning applicat	Scotland															649.3	657.4	e	e	c	e
Hollandse Kust (Zuid)	Vattenfall	Under construction	Netherlands															670.4	678.5	e	e	c	e
Hollandse Kust (Noord)	Eneco	Operational	Netherlands															675.9	683.8	e	e	c	e
OWF Prinses Amalia	Eneco	Operational	Netherlands															680.7	688.5	e	e	a	e
OWF Luchterduinen	Eneco	Operational	Netherlands															682.0	690.0	e	e	a	e
OWF Egmond aan Zee	Shell	Operational	Netherlands															690.4	698.2	e	e	a	e
Groix et Belle-Île	Eolfi	Operational	France															696.8	704.7	e	e	a	e
Sud de la Bretagne	tbc	Pre-planning applicat	France															706.1	713.6	e	e	c	e
Ten Noorden van de Wadden	TenneT	Pre-planning applicat	Netherlands															728.6	736.4	e	e	c	e
Saint-Nazaire	Éolien Maritime France	Operational	France															745.6	754.3	e	e	a	e
N-9.3	TBC	Pre-planning applicat	Germany															747.8	756.0	e	e	c	e
N-9.1	TBC	Pre-planning applicat	Germany															754.1	762.1	e	e	c	e
N-9.4	TBC	Pre-planning applicat	Germany															756.4	764.6	e	e	c	e
N-6.7	TBC	Pre-planning applicat	Germany															760.1	768.2	e	e	c	e
Deutsche Bucht	Northland Power	Operational	Germany															761.7	769.8	e	e	c	e
N-9.2	TBC	Pre-planning applicat	Germany															765.4	773.6	e	e	c	e
Nordsren III vest	RWE	Pre-planning applicat	Denmark															766.1	774.6	e	e	c	e
ZeeEnergie / Gemini II	Northland Power	Operational	Netherlands															766.8	774.6	e	e	a	e
Veja Mate	Veja Mate Offshore Project	Operational	Germany															767.2	775.2	e	e	a	e
N-6.6	TBC	Pre-planning applicat	Germany															767.5	775.5	e	e	c	e
N-10.2	TBC	Pre-planning applicat	Germany															770.3	778.5	e	e	c	e
BARD Offshore 1	Ocean Breeze Energy	Operational	Germany															774.5	782.5	e	e	c	e
Iles d'Yeu et de Noirmoutier	Eoliennes en Mer des îles d'Yeu et de Noirmoutier	Consented	France															776.2	784.9	e	e	c	e
Buitengaats / Gemini I	northland Power	Operational	Netherlands															778.2	786.0	e	e	a	e
N-10.1	TBC	Pre-planning applicat	Germany															780.8	789.0	e	e	c	e
Arven	Mainstream Renewable Power / OceanWinds	Pre-planning applicat	Scotland															780.9	788.3	e	e	c	e
Borkum Riffgrund 3	Orsted	Under construction	Germany															783.6	791.4	e	e	c	e
N-7.2		Pre-planning applicat	Germany															786.6	794.7	e	e	c	e
EnBW He Dreiht	EnBW	Consented	Germany															787.2	795.2	e	e	c	e

Offshore Stage 1 and Stage 2 In-Combination Effects Matrices
Industry: Offshore Wind

Not yet/no longer operational
Abandoned/Not in use
Construction
Operation and Maintenance
Decommissioning
Unknown/Not defined as of March 2024

Proposed development offshore construction phase

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b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: Screened in to assessment.
c	Potential cumulative impact exists: Screened in to assessment.
d	No temporal overlap: Screened out of assessment.
e	No physical effect-receptor overlap: Screened out of assessment.
f	Low data confidence: Screened out of assessment.
g	No effect-receptor pathway: Screened out of assessment.

Project	Developer	Status	Region	Construction Period (orange outline denotes proposed development offshore construction period)													Distance to array area (km)	Distance to ECC (km)	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammal Ecology	Offshore and Intertidal Ornithology	
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033							2034
Nordsren II vest	Equinor	Pre-planning applicat	Denmark															791.0	799.4	e	e	c	e
Albatros	EnBW	Operational	Germany															791.9	800.1	e	e	a	e
EnBW Hohe See	EnBW	Operational	Germany															795.5	803.7	e	e	a	e
GlobalTech I	Global Tech I Offshore Wind GmbH	Operational	Germany															799.4	807.6	e	e	a	e
Trianel Windpark Borkum Phase 1	Trianel	Operational	Germany															806.2	814.0	e	e	a	e
Trianel Windpark Borkum Phase 2	Trianel	Operational	Germany															806.4	814.2	e	e	a	e
Borkum Riffgrund 2	Orsted	Operational	Germany															807.1	814.9	e	e	a	e
Riffgat	EWE	Operational	Germany															810.4	817.9	e	e	a	e
Borkum Riffgrund 1	Orsted	Operational	Germany															811.6	819.4	e	e	a	e
Merkur Offshore (MEG Offshore 1)	GE Renewable Energy	Operational	Germany															812.2	820.0	e	e	a	e
Alpha Ventus	Deutsche Offshore-Testfeld und Infrastruktur-GmbH & Co. KG	Operational	Germany															818.2	826.0	e	e	a	e
Stoura Wind Farm (Sealtainn)	ESB Asset Development	Pre-planning applicat	Scotland															819.1	826.6	e	e	e	e
Nordsren III		Pre-planning applicat	Denmark															824.6	833.1	e	e	e	e
N-3.6		Pre-planning applicat	Germany															827.9	835.8	e	e	c	e
Nordsee One	GmbH	Operational	Germany															828.5	836.3	e	e	a	e
N-3.5		Pre-planning applicat	Germany															832.1	840.0	e	e	c	e
N-3.8		Pre-planning applicat	Germany															832.8	840.7	e	e	c	e
Sandbank	Vattenfall	Operational	Germany															836.4	844.8	e	e	a	e
Gode Wind 02	Orsted	Operational	Germany															840.7	848.6	e	e	a	e
Gode Wind 01	Orsted	Operational	Germany															840.9	848.8	e	e	a	e
Nordsren I		Pre-planning applicat	Denmark															845.6	854.1	e	e	e	e
N-3.7		Pre-planning applicat	Germany															846.0	853.8	e	e	c	e
Gode Wind 3	Orsted	Consented	Germany															849.2	857.0	e	e	c	e
Jyske Banke	Jyske Bank	Operational	Denmark															851.8	860.3	e	e	a	e
Dan Tysk		Operational	Germany															857.9	866.2	e	e	a	e
Kaskasi II	RWE	Operational	Germany															885.5	893.7	e	e	c	e
Nordsee Ost	RWE	Operational	Germany															885.5	893.6	e	e	a	e
Amrumbank West	E.ON Climate & Renewables	Operational	Germany															885.5	893.7	e	e	a	e
Meerwind Sued/Ost	WindMW	Operational	Germany															885.6	893.7	e	e	a	e
Horns Rev II	Orsted	Operational	Denmark															887.4	895.8	e	e	a	e
Thor	RWE	Pre-planning applicat	Denmark															889.9	898.4	e	e	c	e
Horns Rev III	Vattenfall	Operational	Denmark															890.5	898.9	e	e	a	e
Butendiek	WPD	Operational	Germany															893.6	901.9	e	e	a	e
Sud Atlantique	TBC	Pre-planning applicat	France															897.9	906.8	e	e	e	e
Horns Rev I	Vattenfall	Operational	Denmark															902.3	910.7	e	e	a	e
Vesterhav Syd	Vattenfall	Operational	Denmark															920.6	929.1	e	e	c	e
Nordergruende	WPD	Operational	Germany															922.1	929.8	e	e	a	e
Vesterhav Nord	Vattenfall	Construction	Denmark															936.7	945.2	e	e	c	e
Ronland	Harboere Møllelaug I/S	Operational	Denmark															952.0	960.5	e	e	c	e
Nissum Bredning	Jysk Energy & Nissum Brednings	Operational	Denmark															953.2	961.7	e	e	a	e
Jammerland Bay Nearshore Windfarm	European Energy	Pre-planning applicat	Denmark															1018.8	1027.3	e	e	e	e

Offshore Stage 1 and Stage 2 In-Combination Effects Matrices
Industry: Aggregates

	Not yet/no longer operational
	Abandoned/Not in use
	Construction
	Operation and Maintenance
	Decommissioning
	Unknown/Not defined as of March 2024

Proposed development offshore construction phase

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e	No physical effect-receptor overlap: Screened out of assessment.
f	Low data confidence: Screened out of assessment.
g	No effect-receptor pathway: Screened out of assessment.

Area	Area number	Company	Status of Development	Construction Period (orange outline denotes proposed development offshore construction period)													Distance to array area (km)	Distance to ECC (km)	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammal Ecology	Offshore and Intertidal Ornithology	
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033							2034
Liverpool Bay	457	Westminster Gravels Ltd	Closed															145.5	152.9	e	e	a	TC
Liverpool Bay	1808	Hanson Aggregates Marine Ltd	Closed															152.9	160.5	e	e	a	TC
Hilbre Swash	393	Mersey Sand Suppliers	Open															153.6	161.4	e	e	a	TC
Nobel Banks	476	Llanelli Sand Dredging Ltd	Open															245.9	254.9	e	e	a	TC
North Middle Ground	455	Severn Sands Ltd	Open															305.7	315.7	e	e	a	TC
North Bristol Deep	1602	Hanson Aggregates Marine Ltd	Open															306.5	316.5	e	e	a	TC
North Bristol Deep	1602	Tarmac Marine Ltd	Open															306.5	316.5	e	e	a	TC
Culver Extension	526	Cemex UK Marine Ltd	Open															307.0	316.9	e	e	a	TC
Culver Extension	526	Hanson Aggregates Marine Ltd	Open															307.0	316.9	e	e	a	TC
Culver Extension	526	Tarmac Marine Ltd	Open															307.0	316.9	e	e	a	TC
North Bristol Deep	1601	Hanson Aggregates Marine Ltd	Open															307.0	317.0	e	e	a	TC
North Bristol Deep	1601	Tarmac Marine Ltd	Open															307.0	317.0	e	e	a	TC
North Middle Ground	459	Severn Sands Ltd	Open															307.2	317.2	e	e	a	TC

Offshore Stage 1 and Stage 2 In-Combination Effects Matrices
Industry - Alternative Offshore Renewable Energy (Wave/Tidal)

Proposed development offshore construction phase

Not yet/no longer operational
Abandoned/Not in use
Construction
Operation and Maintenance
Decommissioning
Unknown/Not defined as of March 2024

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c	Potential cumulative impact exists: Screened in to assessment.
d	No temporal overlap: Screened out of assessment.
e	No physical effect-receptor overlap: Screened out of assessment.
f	Low data confidence: Screened out of assessment.
g	No effect-receptor pathway: Screened out of assessment.

Project	Developer	Type	Status	Construction Period (orange outline denotes proposed development offshore construction period)													Distance to array area (km)	Distance to ECC (km)	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammal Ecology	Offshore and Intertidal Ornithology	
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033							2034
Strangford Lough	Minesto UK Limited	Tidal	Operational															73.3	80.4	e	e	a	gs
Holyhead Deep	Minesto UK Limited	Tidal	Operational															75.6	75.6	e	e	a	gs
Holyhead Deep 0.5MW Site	Minesto UK Limited	Tidal	Operational															76.5	86.1	e	e	a	gs
West Anglesey Demonstration Zone	Menter Môn Morlais Limited	Tidal	Under construction															78.3	87.7	e	e	c	gs
Mull of Galloway	Atlantis Resources Ltd	Tidal	Lease withdrawn															118.8	126.8	e	e	d	gs
North Wales Tidal Energy	North Wales Tidal Energy & Coastal Protection (NWTE)	Tidal	Pre-planning application															135.1	143.6	e	e	d	gs
Northern Tidal Power Gateways/Morecambe Bay Tidal Lagoon	North West Energy Squared	Tidal	Pre-planning application															180.3	188.6	e	e	d	gs
Wyre Barrage	Wyre Tidal Energy	Tidal	Pre-planning application															188.0	195.9	e	e	e	gs
West Cumbrian Tidal Lagoon	Tidal Lagoon Power Ltd	Tidal	Pre-planning application															188.0	196.3	e	e	e	gs
Mersey Tidal Power	Mersey Tidal Power	Tidal	Pre-planning application															192.0	200.1	e	e	c	gs
Fair Head Phase 1	Fair Head Tidal Energy Park Ltd	Tidal	Planning application submitted															199.7	204.8	e	e	a	gs
Fair Head Phase 2	Fair Head Tidal Energy Park Ltd	Tidal	Planning application submitted															199.7	204.8	e	e	c	gs
Milford Haven Estuary (META Phase 2) - Dale Roads	Pembrokeshire Coastal Forum Community Interest Company	Tidal	Operational															215.5	223.3	e	e	a	gs
Wave Dragon Project - Milla Fjord Site	Wave Dragon Wales Ltd	Wave	Pre-planning application															217.7	225.2	e	e	d	gs
West Islay Tidal Energy Park	Bluepower	Tidal	Consented															218.8	223.5	e	e	a	gs
Milford Haven Estuary (META Phase 2) - Warrior Way	Pembrokeshire Coastal Forum Community Interest Company	Tidal	Operational															219.9	228.4	e	e	c	gs
Milford Haven Estuary (META Phase 2) - East Pickard Bay	Pembrokeshire Coastal Forum Community Interest Company	Tidal	Operational															220.7	228.5	e	e	c	gs
Sound of Islay	Previously ScottishPower Renewables UK Ltd, now Atlantis (2016 purchase)	Tidal	Consented															230.8	236.0	e	e	d	gs
Oran na Mara	Oran na Mara Ltd	Tidal	Pre-planning application															235.3	240.6	e	e	d	gs
Pembrokeshire Demonstration Zone	Celtic Sea Power Ltd	Wave	Pre-planning application															242.0	249.1	e	e	d	gs
WestWave Demonstration Project	ESB	Wave	Pre-planning application															266.3	256.7	e	e	e	gs
Connel	Sustainable Marine Energy Ltd	Tidal	Decommissioning															302.5	308.7	e	e	c	gs
Severn Barrage	REUK Renewable Energy UK	Tidal	Pre-planning application															304.1	314.1	e	e	d	gs
Cardiff Bay Tidal Lagoon	Cardiff Tidal Lagoon	Tidal	Pre-planning application															306.9	316.9	e	e	c	gs
Newport Tidal Lagoon	Tidal Lagoon Power Ltd	Tidal	Withdrawn															306.9	316.9	e	e	e	gs
West Somerset Tidal Lagoon	Longbay Seapower	Tidal	Pre-planning application															311.0	320.8	e	e	c	gs
Bridgewater Bay Tidal Lagoon	Tidal Lagoon Power Ltd	Tidal	Pre-planning application															324.5	334.5	e	e	d	gs
Isle of Muck	Albatern WaveNET Albatern and Marine Harvest Scotland	Wave	Operational															337.3	348.0	e	e	a	gs
Wave Hub	Wave Hub Ltd.	Wave	Operational															365.4	369.9	e	e	a	gs
Falmouth Bay Test Site (FaBTest)	Falmouth Harbour Commissioners	Wave	Operational															391.6	397.9	e	e	a	gs
Portland Bill	Marine Current Turbines Limited	Tidal	Pre-planning application															415.6	425.5	e	e	e	gs
Perpetuus Tidal Energy Centre (PTEC)	Isle of Wight Council	Tidal	Consented															459.8	469.8	e	e	c	gs

Offshore Stage 1 and Stage 2 In-Combination Effects Matrices
Industry - Alternative Offshore Renewable Energy (Wave/Tidal)

Not yet/no longer operational
Abandoned/Not in use
Construction
Operation and Maintenance
Decommissioning
Unknown/Not defined as of March 2024

Proposed development offshore construction phase

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c	Potential cumulative impact exists: Screened in to assessment.
d	No temporal overlap: Screened out of assessment.
e	No physical effect-receptor overlap: Screened out of assessment.
f	Low data confidence: Screened out of assessment.
g	No effect-receptor pathway: Screened out of assessment.

Construction Period (orange outline denotes proposed development offshore construction period)

Project	Developer	Type	Status	Construction Period (orange outline denotes proposed development offshore construction period)												Distance to array area (km)	Distance to ECC (km)	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammal Ecology	Offshore and Intertidal Ornithology			
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032							2033	2034	
Raz Blanchard	SIMEC Atlantic	Tidal	In planning																510.0	519.8	e	e	a	ja
Inner Sound	MeyGen Limited	Tidal	Operational																571.5	578.5	e	e	a	ja
Ness of Duncansby	Orbital Projects 6 Limited	Tidal	Pre-planning application																573.2	580.2	e	e	d	ja
EMEC Scapa Flow	The European Marine Energy	Wave	Operational																599.3	606.4	e	e	c	ja
EMEC Bilia Croo	The European Marine Energy	Wave	Operational																599.6	606.4	e	e	c	ja
Deer Sound	Orbital Marine Power (Orkney)	Tidal	Operational																610.1	617.2	e	e	c	ja
EMEC Shapinsay Sound	The European Marine Energy	Tidal	Operational																612.5	619.5	e	e	a	ja
EMEC Fall of Warness	The European Marine Energy	Tidal	Operational																627.4	634.4	e	e	a	ja
Morlais Orbital O2	Orbital Marine Power	Tidal	Consented																627.8	634.9	e	e	c	ja
Westray South	Orbital Projects 5 Limited	Tidal	Pre-planning application																629.9	636.9	e	e	c	ja
Yell Sound Array	Nova Innovation Ltd	Tidal	Pre-planning application																801.6	808.8	e	e	e	ja

Offshore Stage 1 and Stage 2 In-Combination Effects Matrices
Industry - Subsea Cables

Proposed development offshore construction phase

	Not yet/no longer operational
	Abandoned/Not in use
	Construction
	Operation and Maintenance
	Decommissioning
	Unknown/Not defined as of March 2024

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c	Potential cumulative impact exists: Screened in to assessment.
d	No temporal overlap: Screened out of assessment.
e	No physical effect-receptor overlap: Screened out of assessment.
f	Low data confidence: Screened out of assessment.
g	No effect-receptor pathway: Screened out of assessment.

Name	Company	Type	Status	Construction Period (orange outline denotes proposed development offshore construction period)													Distance to array area (km)	Distance to ECC (km)	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammal Ecology	Offshore and Intertidal Ornithology	
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033							2034
Havingsten Telecoms Cable (CeltixConnect-2)	Aqua Comms	Telecom	Active															0.7	9.7	e	b	a	FC
Rockabill Telecoms Cable	euNetworks	Telecom	Active															4.9	13.0	e	b	a	FC
East West Interconnector	Eirgrid Interconnector Ltd	Power	Active															5.0	11.4	e	b	a	FC
Hibernia 'C'	Hibernia Atlantic	Telecom	Active															7.7	17.0	e	b	a	FC
Sirius South	Virgin Media	Telecom	Active															9.4	18.7	e	b	a	FC
BT-TE1	BT	Telecom	Disused															11.0	19.7	e	e	a	FC
CeltixConnect - Sea Fibre Networks	aquacomms	Telecom	Active															11.3	20.1	e	b	c	FC
Zayo Emerald Bridge One	Zayo	Telecom	Active															12.1	20.2	e	b	a	FC
ESAT 2	BT	Telecom	Active															14.4	24.2	e	b	a	FC
Hibernia Atlantic	Hibernia Atlantic	Telecom	Active															28.9	26.7	e	b	a	FC
Mares Connect	Foresight Group's energy transition fund, Foresight Energy Infrastructure Partners and Etchea Energy	Power	Proposed															33.2	41.5	e	c	c	FC
Western HVDC Link	National Grid and Scottish Power	Power	Active															54.1	62.6	e	b	a	FC
Hibernia 'A'	Hibernia Atlantic	Telecom	Active															56.0	64.5	e	b	a	FC
Manx-N.Ireland	BT	Telecom	Active															64.2	71.7	e	b	a	FC
Lanis 2	Vodafone	Telecom	Active															84.3	92.3	e	b	a	FC
Arklow Phase 1 Power Cable	SSE	Power	Active															87.6	89.8	e	b	a	FC
Lanis 1	Vodafone	Telecom	Active															92.8	101.3	e	b	a	FC
Scotland-N.Ireland 1	BT	Telecom	Active															99.8	106.6	e	b	a	FC
IOM/UK Interconnector	Manx Electricity Authority	Power	Active															101.5	110.0	e	e	a	FC
Sirius North	Virgin Media	Telecom	Active															103.3	109.0	e	e	a	FC
BT-MT1	BT	Telecom	Active															105.7	114.2	e	e	a	FC
Lanis 3	Vodafone	Telecom	Active															112.0	118.2	e	e	a	FC
LirlC	Unknown	Power	Proposed															112.0	118.2	e	e	c	FC
Moyle Interconnector South	Moyle Interconnector Ltd	Power	Active															122.1	128.3	e	e	a	FC
Moyle Interconnector South	Moyle Interconnector Ltd	Power	Active															122.4	128.5	e	e	a	FC
Scotland-NI 2	BT	Telecom	Active															125.5	131.4	e	e	a	FC
Walney Extension OFTO	Diamond Transmission Pa	Wind Export	Active/In Operation															138.1	146.5	e	e	a	FC
UK-Ireland 2 Crossing	CenturyLink	Telecom	Active															138.2	136.2	e	e	a	FC
Rhyl Flats	Rhyl Flats Wind Farm Lim	Wind Export	Active/In Operation															146.2	154.5	e	e	a	FC
Gwynt y Mor OFTO	Gwynt-y-Môr OFTO plc	Wind Export	Active/In Operation															148.9	157.0	e	e	a	FC
Walney 2 OFTO	Blue Transmission Walney	Wind Export	Active/In Operation															155.0	163.4	e	e	a	FC
North Hoyle	North Hoyle Wind Farm L	Wind Export	Active/In Operation															157.9	166.4	e	e	a	FC
Burbo Bank Extension OFTO	Diamond Transmission Pa	Wind Export	Active/In Operation															158.5	166.8	e	e	a	FC
Walney 1 OFTO	Blue Transmission Walney	Wind Export	Active/In Operation															158.6	166.9	e	e	a	FC
West of Duddon Sands OFTO	WoDS Transmission Plc	Wind Export	Active/In Operation															162.7	170.9	e	e	a	FC
Ormonde OFTO	TC Ormonde OFTO Limite	Wind Export	Active/In Operation															164.2	172.5	e	e	a	FC
UK-Ireland Crossing 1	CenturyLink	Telecom	Active															165.3	162.1	e	e	a	FC
ESAT 1	BT	Telecom	Active															166.5	162.9	e	e	a	FC
Celtic	BT	Telecom	Disused															166.6	163.0	e	e	d	FC
Solas	Vodafone	Telecom	Active															166.6	163.0	e	e	a	FC
Barrow OFTO	TC Barrow OFTO Limited	Wind Export	Active/In Operation															171.8	180.0	e	e	a	FC
Greenlink Interconnector	Eirgrid	Power	In Construction															172.4	166.8	e	e	c	FC
Burbo Bank	Ørsted Burbo (UK) Limite	Wind Export	Active/In Operation															176.7	184.5	e	e	a	FC
Robin Rigg OFTO	TC Robin Rigg OFTO Lim	Wind Export	Active/In Operation															179.9	188.1	e	e	a	FC
BT-HIE Seg1.5	BT	Telecom	Active															192.7	199.0	e	e	a	FC
Arran - Holy Island	SSEN	Power	Active															202.6	209.5	e	e	a	FC
BT-HIE Seg1.8	BT	Telecom	Active															205.0	211.0	e	e	a	FC
Carradale Arran South	SSEN	Power	Active															206.9	213.3	e	e	a	FC
Carradale Arran North	SSEN	Power	Active															207.2	213.5	e	e	a	FC
Aquacomms AE Connect Cable	aquacomms	Telecom	Active															215.0	206.6	e	e	a	FC
BT-HIE Seg1.6	BT	Telecom	Active															215.3	222.1	e	e	a	FC
Designated Area for cable route Wind T&D Site	Unknown	Wind Export	Lease Marine															216.4	224.1	e	e	d	FC

Offshore Stage 1 and Stage 2 In-Combination Effects Matrices
Industry - Subsea Cables

Proposed development offshore construction phase

	Not yet/no longer operational
	Abandoned/Not in use
	Construction
	Operation and Maintenance
	Decommissioning
	Unknown/Not defined as of March 2024

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e	No physical effect-receptor overlap: Screened out of assessment.
f	Low data confidence: Screened out of assessment.
g	No effect-receptor pathway: Screened out of assessment.

Name	Company	Type	Status	Construction Period (orange outline denotes proposed development offshore construction period)													Distance to array area (km)	Distance to ECC (km)	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammal Ecology	Offshore and Intertidal Ornithology	
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033							2034
Erebus/Valorous Potential Cable Route	Total / Simply Blue	Power	Proposed															218.0	225.8	e	e	c	
Kintyre to Hunterston 1 South	SSEN	Power	Active															218.3	224.7	e	e	a	
Kintyre to Hunterston 1 North	SSEN	Power	Active															218.9	225.3	e	e	a	
Bridgend - Islay	SSEN	Power	Active															225.1	230.0	e	e	a	
BT-HIE Seg1.2	BT	Telecom	Active															228.8	235.7	e	e	a	
Celtic Interconnector	RTE / EIRGRID	Power	In Construction															229.3	219.6	e	e	c	
Bute - Cumbrae Centre 2	SSEN	Power	Active															229.9	236.8	e	e	a	
Jura-Islay	SSEN	Power	Active															230.2	235.5	e	e	a	
Bute - Cumbrae North	SSEN	Power	Active															231.5	238.4	e	e	a	
Bute - Cumbrae 2	SSEN	Power	Active															232.3	239.2	e	e	a	
BT-HIE Seg1.9	BT	Telecom	Active															232.8	238.3	e	e	a	
BT-HIE Seg1.7	BT	Telecom	Active															233.9	239.2	e	e	a	
BT-HIE Seg1.1	BT	Telecom	Active															235.0	241.9	e	e	a	
BT HIE Seg1.3	BT	Telecom	Active															240.3	247.0	e	e	a	
Kames Bute South	SSEN	Power	Active															241.4	248.0	e	e	a	
Islay-Colonsay	SSEN	Power	Active															241.9	247.2	e	e	a	
Bute Ardyne South SSE	SSEN	Power	Active															242.3	249.0	e	e	a	
Bute Ardyne North SSE	SSEN	Power	Active															242.4	249.1	e	e	a	
Tata Atlantic North	Tata Communications	Telecom	Active															242.7	247.2	e	e	a	
Gemini North	Vodafone	Telecom	Disused															246.8	250.8	e	e	d	
Havfrue	aquacomms	Telecom	Active															249.9	237.7	e	e	a	
BT-HIE Seg1.4	BT	Telecom	Active															254.0	260.4	e	e	a	
Otter Ferry	SSEN	Power	Active															254.0	260.4	e	e	a	
Mainland - Jura	SSEN	Power	Disused															254.1	260.1	e	e	d	
Swansea/Brean	Vodafone	Telecom	Active															254.2	263.7	e	e	a	
TAT 11	Vodafone	Telecom	Disused															254.3	263.8	e	e	d	
PTAT	CWC	Telecom	Disused															256.7	258.3	e	e	d	
Hibernia Express	Hibernia Express	Telecom	Active															257.4	259.5	e	e	a	
TGN W.Europe UK-Portugal	Tata Communications	Telecom	Active															260.4	262.3	e	e	a	
Seil - Easdale (SSE)	SSEN	Power	Active															283.3	289.2	e	e	a	
PTAT Irish Branch	CWC	Telecom	Disused															284.0	273.1	e	e	d	
XLinks	Xlinks		Proposed															287.1	295.2	e	e	c	
Tata Atlantic South	Tata Communications	Telecom	Active															289.0	297.1	e	e	a	
Apollo North	Vodafone	Telecom	Active															289.2	291.3	e	e	a	
Tata W.Europe	Tata Communications	Telecom	Active															291.8	299.7	e	e	a	
Mainland Kerrera 2 (SSE)	SSEN	Power	Active															294.3	300.3	e	e	a	
Mainland Kerrera South Live (SSE)	SSEN	Power	Active															294.3	300.3	e	e	a	
Mainland Kerrera North Live (SSE)	SSEN	Power	Active															294.9	300.9	e	e	a	
Kerrera - Mull 2 (SSE)	SSEN	Power	Active															295.4	301.4	e	e	a	
Kerrera - Mull Replacement (SSE)	SSEN	Power	Active															296.6	302.6	e	e	a	
BT HIE Seg 1.11	BT	Telecom	Active															299.8	305.8	e	e	a	
Lochaline - Mull (SSE)	SSEN	Power	Active															307.7	313.4	e	e	a	
Seagreen Phase 1 OFTO AFL	SeaGreen A&B Wind Ener	Wind Export	Agreement/Option for Lease															308.1	316.1	e	e	d	
Inch Cape OFTO	Inch Cape Offshore Ltd	Wind Export	Agreement/Option for Lease															308.2	316.2	e	e	d	
Yellow	CenturyLink	Telecom	Active															310.2	313.0	e	e	a	
BT - HIE Seg 1.17	BT	Telecom	Active															311.0	315.7	e	e	a	
Mainland - Lismore (SSE)	SSEN	Power	Active															313.4	319.5	e	e	a	
Coll - Tiree (SSE)	SSEN	Power	Active															316.0	320.7	e	e	a	
TAT14	BT	Telecom	Disused															316.8	322.4	e	e	d	
Loch a'Choire Outer (SSE)	SSEN	Power	Active															318.6	324.6	e	e	a	
Loch a'Choire Inner (SSE)	SSEN	Power	Active															318.6	324.7	e	e	a	
Mull - Coll (SSE)	SSEN	Power	Active															318.7	323.9	e	e	a	
Mull - Coll AB (SSE)	SSEN	Power	Active															318.8	323.9	e	e	a	

Offshore Stage 1 and Stage 2 In-Combination Effects Matrices
Industry - Subsea Cables

Proposed development offshore construction phase

	Not yet/no longer operational
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	Construction
	Operation and Maintenance
	Decommissioning
	Unknown/Not defined as of March 2024

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f	Low data confidence: Screened out of assessment.
g	No effect-receptor pathway: Screened out of assessment.

Name	Company	Type	Status	Construction Period (orange outline denotes proposed development offshore construction period)													Distance to array area (km)	Distance to ECC (km)	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammal Ecology	Offshore and Intertidal Ornithology	
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033							2034
Mull - Calve Island (SSE)	SSEN	Power	Active															319.0	324.5	e	e	a	
BT HIE Seg 1.10	BT	Telecom	Active															319.9	325.3	e	e	a	
Amitie	Unknown	Telecom	Active															320.2	326.7	e	e	a	
Globacom One	GLOBALCOM LTD	Telecom	Active															320.7	328.3	e	e	a	
Blyth Demo Phase 1	Blyth Offshore Demonstration	Wind Export	Active/In Operation															321.8	330.2	e	e	a	
TAT 8	BT	Telecom	Disused															322.9	328.0	e	e	d	
Europe India Gateway	Vodafone	Telecom	Active															323.4	329.7	e	e	a	
Neart na Gaoithe OFTO	Neart Na Gaoithe Offshore	Wind Export	Lease Marine															332.2	340.3	e	e	c	
Corran Narrows South Cable (SSE)	SSEN	Power	Active															333.3	339.6	e	e	a	
Corran Narrows Mid Cable (SSE)	SSEN	Power	Active															333.4	339.6	e	e	a	
BT HIE Seg 1.12	BT	Telecom	Active															334.2	340.4	e	e	a	
Loch Eil Narrows (SSE)	SSEN	Power	Active															347.2	353.5	e	e	a	
TwinHub	Hexicon AB	Power	In Development															360.8	364.4	e	e	c	
Wave Hub	Wave Hub Limited	Wind Export	Active/In Operation															362.2	366.2	e	e	a	
BT HIE - Seg 1.16	BT	Telecom	Active															363.3	369.0	e	e	a	
Barra - Vatersay (SSE)	SSEN	Power	Active															370.0	374.7	e	e	a	
TAT 14	BT	Telecom	Disused															375.7	383.0	e	e	d	
BT HIE - Seg 1.18B	BT	Telecom	Active															376.1	380.8	e	e	a	
Eriskay - Barra 1	SSE	Power	Active															376.3	381.0	e	e	a	
Eriskay - Barra 2	SSE	Power	Active															377.5	382.2	e	e	a	
Flag Atlantic North	Reliance Globalcom	Telecom	Active															380.2	381.6	e	e	a	
BT HIE - Seg 1.18A	BT	Telecom	Active															381.6	386.3	e	e	a	
South Uist - Eriskay (SSE)	SSE	Power	Active															382.3	386.9	e	e	a	
TAT 12	BT	Telecom	Active															382.7	384.6	e	e	a	
Isle of Scilly - Western Power Distribution	Unknown	Power	Active															390.1	393.3	e	e	a	
Lochalsh (SSE)	SSEN	Power	Active															390.8	396.7	e	e	a	
Atlantic Crossing 1	Century Link	Telecom	Active															391.3	394.6	e	e	a	
Kyle - Skye 2 (SOUTH) (SSE)	SSEN	Power	Active															391.8	397.6	e	e	a	
Kyle - Skye East (SSE)	SSEN	Power	Active															391.9	397.6	e	e	a	
Kyle - Skye West (SSE)	SSEN	Power	Active															392.0	397.8	e	e	a	
Skye - Scalpay (SSE)	SSEN	Power	Active															392.0	397.5	e	e	a	
UK/CH.Islands 7	BT / Guernsey Telecoms	Telecom	Active															395.8	405.1	e	e	a	
FLAG Atlantic Interlink	Global Cloud Xchange	Telecom	Active															396.0	399.6	e	e	a	
TAT12-13	BT	Telecom	Active															396.0	399.6	e	e	a	
FLAG	Global Cloud Xchange	Telecom	Active															396.0	399.6	e	e	a	
Rioja 1	BT	Telecom	Disused															396.0	399.6	e	e	d	
HUGO	Vodafone	Telecom	Active															396.0	399.6	e	e	a	
Rioja 2	BT	Telecom	Disused															396.0	399.6	e	e	d	
BT IOS1	BT	Telecom	Active															396.1	399.7	e	e	a	
Liberty	Jersey Telecoms	Telecom	Active															396.2	405.5	e	e	a	
Loch sligaghan - Skye 2 (SSE)	SSEN	Power	Active															397.1	402.5	e	e	a	
Skye Raasay (SSE)	SSEN	Power	Active															399.4	404.8	e	e	a	
SEA-ME WE 3	BT	Telecom	Disused															402.6	408.1	e	e	d	
UK-CH.Islands 8	BT / Jersey Telecoms	Telecom	Active															402.6	408.2	e	e	a	
SEA-ME-WE3	BT	Telecom	Active															402.7	408.2	e	e	a	
UK- Spain 4	BT	Telecom	Disused															403.5	409.1	e	e	d	
Skye - S Uist	SSE	Power	Active															409.7	414.4	e	e	a	
BT - HIE Seg 1.15	BT	Telecom	Active															411.9	416.6	e	e	a	
Gemini South	Vodafone	Telecom	Disused															414.4	417.1	e	e	d	
Lynn	Lynn Wind Farm Limited	Wind Export	Active/In Operation															414.6	422.3	e	e	a	
TAT 9	BT	Telecom	Disused															420.0	424.5	e	e	d	
North Uist - Benbecula West	SSE	Power	Active															425.1	429.7	e	e	a	
North Uist - Benbecula East	SSE	Power	Active															425.1	429.8	e	e	a	
North Uist - Benbecula Centre 2	SSE	Power	Active															425.1	429.8	e	e	a	
North Uist - Benbecula Centre	SSE	Power	Active															425.6	430.3	e	e	a	

Offshore Stage 1 and Stage 2 In-Combination Effects Matrices
Industry - Subsea Cables

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Name	Company	Type	Status	Construction Period (orange outline denotes proposed development offshore construction period)													Distance to array area (km)	Distance to ECC (km)	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammal Ecology	Offshore and Intertidal Ornithology	
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033							2034
Skye - Uist Skye Shore End (SSE)	SSEN	Power	Active															426.5	431.4	e	e	a	FC
Skye - Harris (SSE)	SSEN	Power	Active															426.5	431.5	e	e	a	FC
BT - HIE Seg 1.14	BT	Telecom	Active															435.7	440.4	e	e	a	FC
North Uist - Berneray	SSEN	Power	Active															447.1	451.8	e	e	a	FC
Designated Area for cable route Aberdeen Offshore W/F	Unknown	Wind Export	Lease Marine															454.6	462.4	e	e	a	FC
Western Isles Link	SSE	Power	Proposed															457.4	463.5	e	e	d	FC
Harris - Scalpay 2 (SSE)	SSEN	Power	Active															462.3	467.3	e	e	a	FC
Harris - Scalpay 1 (SSE)	SSEN	Power	Active															462.8	467.7	e	e	a	FC
BT - HIE Seg 1.13	BT	Telecom	Active															466.7	472.6	e	e	a	FC
Designated Area for cable route Beatrice Substation	Unknown	Wind Export	Lease Marine															470.9	478.3	e	e	d	FC
Designated Area for cable route Buchan Deep Demo	Unknown	Wind Export	Lease Marine															476.2	484.0	e	e	d	FC
SHEFA 2	Faroese Telecom	Telecom	Active															483.6	491.1	e	e	a	FC
Laxay Kershader (SSE)	SSEN	Power	Active															485.3	490.4	e	e	a	FC
Apollo South	Vodafone	Telecom	Active															502.4	504.6	e	e	a	FC
TAT 14(K)	Telia Carrier	Telecom	Disused															509.4	504.9	e	e	d	FC
Flag Atlantic South	Global Cloud Xchange	Telecom	Active															512.4	516.2	e	e	a	FC
IceLink (Interco Iceland-UK)	Unknown	Power	Proposed															537.2	543.6	e	e	d	FC
Atlantic Super Connection	Unknown	Power	Proposed															543.6	550.0	e	e	d	FC
Orkney Caithness	SSE	Power	Proposed															551.4	558.2	e	e	d	FC
Orkney Interconnector	Unknown	Power	Proposed															553.0	559.7	e	e	c	FC
Shetland HVDC Link	Unknown	Power	Proposed															553.3	560.4	e	e	c	FC
Pentland Firth New	SSE	Power	Active															560.9	567.8	e	e	a	FC
Farice	Farice ehf	Telecom	Active															561.1	568.0	e	e	a	FC
Peatland Firth East (SSE)	SSEN	Power	Active															561.5	568.5	e	e	a	FC
Pentland Firth West (SSE)	SSEN	Power	Active															561.7	568.6	e	e	a	FC
Northern Lights (BT)	BT	Telecom	Active															563.1	570.0	e	e	a	FC
HOY Flotta (SSE)	SSEN	Power	Active															589.1	596.0	e	e	a	FC
Shefa 2 (Faroese Telecom)	Faroese Telecom	Telecom	Active															595.1	602.2	e	e	a	FC
Mainland - Orkney Hoy (SSE)	SSEN	Power	Active															595.5	602.4	e	e	a	FC
Hoy - Orkney 2 (SSE)	SSEN	Power	Active															595.5	602.4	e	e	a	FC
Hoy - Orney 3 (SSE)	SSEN	Power	Active															595.6	602.5	e	e	a	FC
Hoy - Orkney 1 (SSE)	SSEN	Power	Active															595.6	602.5	e	e	a	FC
Mainland - Orkney - Hoy North (SSE)	SSEN	Power	Active															595.6	602.5	e	e	a	FC
Mainland Orkney - Graemsay (SSE)	SSEN	Power	Active															599.0	605.9	e	e	a	FC
Holm of Grimbister (SSE)	SSEN	Power	Active															609.2	616.1	e	e	a	FC
Orkney Mainland - Shapinsay (SSE)	SSEN	Power	Active															612.9	619.9	e	e	a	FC
Shapinsay - Stronsay (SSE)	SSEN	Power	Active															618.7	625.7	e	e	a	FC
Rousay - Orkney Mainland (SSE)	SSEN	Power	Active															621.4	628.4	e	e	a	FC
Rousay - Orkney Mainland (Disused (SSE))	SSEN	Power	Disused															621.5	628.4	e	e	d	FC
BT - HIE SEG 1.19	BT	Telecom	Active															621.6	628.6	e	e	a	FC
Rousay - Wyre (SSE)	SSEN	Power	Active															623.6	630.6	e	e	a	FC
Rousay - Egilsay	SSEN	Power	Active															626.7	633.6	e	e	a	FC
Rousay - Westray (SSE)	SSE	Power	Active															629.9	636.9	e	e	a	FC
Rousay Westray	SSE	Power	Disused															629.9	636.9	e	e	d	FC
Sanday to Stronsay (SSE)	SSEN	Power	Active															632.7	639.8	e	e	a	FC
Stronsay - Sanday (SSE)	SSEN	Power	Disused															632.9	640.0	e	e	d	FC
Eday - Westray	SSE	Power	Active															633.5	640.5	e	e	a	FC
Eday - Westray Disused	SSE	Power	Disused															633.5	640.6	e	e	d	FC
Eday - Sanday (SSE)	SSEN	Power	Active															635.1	642.1	e	e	a	FC
Westray - Papa Westray (SSE)	SSEN	Power	Active															643.7	650.6	e	e	a	FC

Offshore Stage 1 and Stage 2 In-Combination Effects Matrices
Industry - Subsea Cables

Proposed development offshore construction phase

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	Decommissioning
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f	Low data confidence: Screened out of assessment.
g	No effect-receptor pathway: Screened out of assessment.

Name	Company	Type	Status	Construction Period (orange outline denotes proposed development offshore construction period)													Distance to array area (km)	Distance to ECC (km)	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammal Ecology	Offshore and Intertidal Ornithology	
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033							2034
Sanday - North Ronaldsay (SSE)	SSEN	Power	Active															651.6	658.7	e	e	a	jc
Atlantic Crossing 1 (AC1) Seg A	CenturyLink	Telecom	Active															679.4	685.4	e	e	a	jc
TAT 10B West Section	Deutsche Telekom AG	Telecom	Disused															691.9	698.5	e	e	d	jc
Quad 204 FPSO (Power from Shore)	Unknown	Power	Proposed															746.5	753.6	e	e	d	jc
Cambo (FPSO (Power from Shore)	Unknown	Power	Proposed															747.3	754.4	e	e	d	jc
Rosebank FPSO (Power from Shore)	Unknown	Power	Proposed															747.7	754.8	e	e	c	jc
Clair Oil Field (Power from Shore)	Unknown	Power	Proposed															756.9	764.1	e	e	d	jc
Clift Sound (SSE)	SSEN	Power	Active															758.6	765.9	e	e	a	jc
Shetland - Papa Stour (SSE)	SSEN	Power	Active															772.3	779.4	e	e	a	jc
Papa Stour - Shetland (SSE)	SSEN	Power	Disused															772.3	779.4	e	e	d	jc
CANTAT-3	Faroese Telecom	Telecom	Active															777.7	786.2	e	e	a	jc
Magnus field (Power from Shore)	Unknown	Power	Proposed															782.5	789.8	e	e	d	jc
DANICE SEG1 (Farice EHF)	Farice ehf	Telecom	Active															796.0	804.4	e	e	a	jc
Shetland - Yell 1 (SSE)	SSEN	Power	Active															798.8	806.0	e	e	a	jc
Shetland - Yell 2 (SSE)	SSEN	Power	Active															798.9	806.1	e	e	a	jc

Offshore Stage 1 and Stage 2 In-Combination Effects Matrices
Industry: Oil and Gas Pipelines

	Not yet/no longer operational
	Abandoned/Not in use
	Construction
	Operation and Maintenance
	Decommissioning
	Unknown/Not defined as of March 2024

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c	Potential cumulative impact exists: Screened in to assessment.
d	No temporal overlap: Screened out of assessment.
e	No physical effect-receptor overlap: Screened out of assessment.
f	Low data confidence: Screened out of assessment.
g	No effect-receptor pathway: Screened out of assessment.

Pipeline name	Infrastructure Type	Representative group	Construction Period (orange outline denotes proposed development offshore construction period)														Distance to array area (km)	Distance to ECC (km)	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammal Ecology	Offshore and Intertidal Ornithology	
			2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034							
INTERCONNECTOR 2 SCOTLAND TO IRELAND IC2	PIPELINE	GAS NETWORKS IRELAND																0.5	2.7	e	a	a	
INTERCONNECTOR 1 SCOTLAND TO IRELAND IC1	PIPELINE	GAS NETWORKS IRELAND																4.2	10.6	e	a	a	
ISLE OF MAN CONTROL UMBILICAL (IOMCU)	UMBILICAL	GAS NETWORKS IRELAND																98.4	106.6	e	a	a	
ISLE OF MAN SPUR (IOMS)	PIPELINE	GAS NETWORKS IRELAND																98.9	107.0	e	a	a	
BELFAST LOUGH CROSSING (BLC)	PIPELINE	MUTUAL ENERGY LIMITED																98.9	104.8	e	a	a	
LARNE LOUGH CROSSING (LLC)	PIPELINE	MUTUAL ENERGY LIMITED																121.1	127.1	e	e	a	
SCOTLAND TO N IRELAND PIPELINE (SNIP)	PIPELINE	MUTUAL ENERGY LIMITED																123.1	129.1	e	e	a	
MILLOM PLEM TO MILLOM WEST	PIPELINE	HARBOUR ENERGY PLC																134.3	142.7	e	e	a	
MILLOM WEST TO MILLOM PLEM	PIPELINE	HARBOUR ENERGY PLC																134.3	142.7	e	e	a	
MILLOM PLEM TO MILLOM WELLHEAD Q1	UMBILICAL	HARBOUR ENERGY PLC																139.6	147.9	e	e	a	
MILLOM WELLHEAD Q1 TO MILLOM PLEM	PIPELINE	HARBOUR ENERGY PLC																139.6	147.9	e	e	a	
MILLOM PLEM TO MILLOM WELLHEAD Q3 CHEM	UMBILICAL	HARBOUR ENERGY PLC																139.6	147.9	e	e	a	
MILLOM WELLHEAD Q3 TO MILLOM PLEM	PIPELINE	HARBOUR ENERGY PLC																139.6	147.9	e	e	a	
MILLOM WELLHEAD Q2 TO MILLOM PLEM	PIPELINE	HARBOUR ENERGY PLC																139.6	147.9	e	e	a	
MILLOM PLEM TO MILLOM WELLHEAD Q2 CHEM	UMBILICAL	HARBOUR ENERGY PLC																139.6	147.9	e	e	a	
MILLOM PLEM TO DPPA	PIPELINE	HARBOUR ENERGY PLC																139.6	147.9	e	e	a	
MORECAMBE DPPA TO MILLOM PLEM	UMBILICAL	HARBOUR ENERGY PLC																139.6	147.9	e	e	a	
WELLHEAD R2 TO DALTON PLEM	PIPELINE	HARBOUR ENERGY PLC																140.6	148.6	e	e	a	
DALTON PLEM TO DALTON WELLHEAD R2	UMBILICAL	HARBOUR ENERGY PLC																140.6	148.6	e	e	a	
DALTON PLEM TO DALTON WELLHEAD R1	UMBILICAL	HARBOUR ENERGY PLC																140.8	148.9	e	e	a	
DALTON WELLHEAD R1 TO DALTON PLEM	PIPELINE	HARBOUR ENERGY PLC																140.8	148.9	e	e	a	
MORECAMBE DPPA TO DALTON PLEM	UMBILICAL	HARBOUR ENERGY PLC																140.8	148.9	e	e	a	
DALTON PLEM TO DPPA	PIPELINE	HARBOUR ENERGY PLC																140.9	148.9	e	e	a	
CONWY TO DOUGLAS OIL EXPORT	PIPELINE	ENI UK LIMITED																143.0	150.4	e	e	a	
DOUGLAS TO CONWY CONDENSATE INJECTION	PIPELINE	ENI UK LIMITED																143.0	150.4	e	e	a	
DOUGLAS TO CONWY UMBILICAL	UMBILICAL	ENI UK LIMITED																143.0	150.4	e	e	a	
DOUGLAS TO CONWY WATER INJECTION	PIPELINE	ENI UK LIMITED																143.0	150.4	e	e	a	
CALDER TO RIVERS ONSHORE TERMINAL	PIPELINE	HARBOUR ENERGY PLC																143.9	151.5	e	e	a	
RIVERS ONSHORE TERMINAL TO CALDER	PIPELINE	HARBOUR ENERGY PLC																143.9	151.5	e	e	a	
RHYL-DPPA IMPORT PRODUCTION FLEX PIPE	PIPELINE	SPIRIT ENERGY																145.0	153.3	e	e	a	
RHYL-DPPA CONTROL/CHEM INJ UMBILICAL	UMBILICAL	SPIRIT ENERGY																145.1	153.3	e	e	a	
NMT METHANOL	PIPELINE	SPIRIT ENERGY																145.1	153.3	e	e	a	
NMT TRUNKLINE	PIPELINE	SPIRIT ENERGY																145.1	153.3	e	e	a	
MORECAMBE CPP1 TO DP8	PIPELINE	SPIRIT ENERGY																147.1	155.1	e	e	a	
MORECAMBE DP8 TO CPP1	PIPELINE	SPIRIT ENERGY																147.2	155.2	e	e	a	
MORECAMBE CPP1 TO DP6	PIPELINE	SPIRIT ENERGY																147.3	155.1	e	e	a	
MORECAMBE DP6 TO CPP1	PIPELINE	SPIRIT ENERGY																147.3	155.2	e	e	a	
DOUGLAS TO CACM	PIPELINE	ENI UK LIMITED																149.2	156.8	e	e	a	
DOUGLAS TO HAMILTON NORTH	PIPELINE	ENI UK LIMITED																149.3	156.8	e	e	a	
HAMILTON NORTH TO DOUGLAS GAS LINE	PIPELINE	ENI UK LIMITED																149.3	156.8	e	e	a	
LENNOX TO DOUGLAS GAS LINE	PIPELINE	ENI UK LIMITED																149.3	156.9	e	e	a	
LENNOX TO DOUGLAS OIL LINE	PIPELINE	ENI UK LIMITED																149.4	156.9	e	e	a	
DOUGLAS TO LENNOX CHEM LINE	PIPELINE	ENI UK LIMITED																149.4	157.0	e	e	a	
MORECAMBE CPP1 TO DP4	PIPELINE	SPIRIT ENERGY																149.4	157.2	e	e	a	
DOUGLAS TO LENNOX CHEM LINE	PIPELINE	ENI UK LIMITED																149.5	157.0	e	e	a	
DOUGLAS TO LENNOX GAS LINE	PIPELINE	ENI UK LIMITED																149.5	157.0	e	e	a	
MORECAMBE DP4 TO CPP1	PIPELINE	SPIRIT ENERGY																149.5	157.2	e	e	a	
MORECAMBE CPP1 TO DP3	PIPELINE	SPIRIT ENERGY																149.5	157.2	e	e	a	
HAMILTON TO DOUGLAS GAS LINE	PIPELINE	ENI UK LIMITED																149.5	157.0	e	e	a	
SMT TRUNKLINE	PIPELINE	SPIRIT ENERGY																149.5	157.2	e	e	a	
DOUGLAS TO HAMILTON	PIPELINE	ENI UK LIMITED																149.5	157.1	e	e	a	
MORECAMBE DP3 TO CPP1	PIPELINE	SPIRIT ENERGY																149.5	157.2	e	e	a	
MORECAMBE DP1 TO BAINS	UMBILICAL	SPIRIT ENERGY																149.6	157.3	e	e	a	
BAINS TO MORECAMBE DP1	PIPELINE	SPIRIT ENERGY																149.6	157.3	e	e	a	
DOUGLAS TO LENNOX GAS LINE (PL1036A)	PIPELINE	ENI UK LIMITED																149.6	157.2	e	e	a	
DD-POA GAS EXPORT	PIPELINE	ENI UK LIMITED																149.7	157.3	e	e	a	
POA-DD CONDENSATE	PIPELINE	ENI UK LIMITED																149.7	157.4	e	e	a	
POA-DD METHANOL	PIPELINE	ENI UK LIMITED																149.7	157.4	e	e	a	
HAMILTON EAST UMBILICAL	UMBILICAL	ENI UK LIMITED																155.8	163.2	e	e	a	
HAMILTON EAST PIPELINE	PIPELINE	ENI UK LIMITED																155.8	163.2	e	e	a	
TOLMOUNT 20 INCH GAS EXPORT PIPELINE	PIPELINE	KELLAS MIDSTREAM																393.6	400.9	e	e	a	

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			2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034							
TOLMOUNT 3 INCH METHANOL PIPELINE	PIPELINE	KELLAS MIDSTREAM																393.6	400.9	e	e	a	g
P/C TEE TO FLOTTA	PIPELINE	REPSOL SINOPEC RESOURCES																591.0	597.9	e	e	a	g
ABIGAIL MANIFOLD TO STELLA MANIFOLD	PIPELINE	ITHACA ENERGY																597.8	606.1	e	e	d	g
30 IN SIRGE GAS EXPORT	PIPELINE	PX GROUP																662.3	670.0	e	e	a	g
LANCASTER EPS CONTROL UMBILICAL	UMBILICAL	HURRICANE ENERGY																726.1	732.5	e	e	a	g
LANCASTER EPS PRODUCTION FLOWLINE 2	PIPELINE	HURRICANE ENERGY																726.1	732.5	e	e	a	g
LANCASTER EPS PRODUCTION FLOWLINE 1	PIPELINE	HURRICANE ENERGY																726.1	732.5	e	e	a	g
FOINAVEN F7 ABANDONED STUB	PIPELINE	BP EXPLORATION																735.9	742.1	e	e	a	g
FOINAVEN EAST WI WELL TO DC2A	UMBILICAL	BP EXPLORATION																737.3	743.6	e	e	a	g
FOINAVEN WEST WI TO DC2A	UMBILICAL	BP EXPLORATION																740.7	746.9	e	e	a	g
SCHIEHALLION FPSO TO WEST DC	PIPELINE	BP EXPLORATION																740.7	747.0	e	e	a	g
FOINAVEN DC2A TO DC2 WEST	PIPELINE	BP EXPLORATION																740.7	747.0	e	e	a	g
SCHIEHALLION WEST TO FPSO WI	PIPELINE	BP EXPLORATION																740.7	747.0	e	e	a	g
UFS-15805	PIPELINE	BP EXPLORATION																740.8	747.1	e	e	a	g
SCHIEHALLION WEST TO FPSO PROD FLOWLINE	PIPELINE	BP EXPLORATION																740.8	747.2	e	e	a	g
SCHIEHALLION FPSO TO CENTRAL CONTROL UMB	UMBILICAL	BP EXPLORATION																741.3	747.7	e	e	a	g
SCHIEHALLION CENTRAL TO FPSO WI	PIPELINE	BP EXPLORATION																741.5	747.8	e	e	a	g
SCHIEHALLION C CENTRAL TO FPSO	PIPELINE	BP EXPLORATION																741.5	747.8	e	e	a	g
SCHIEHALLION A CENTRAL TO FPSO	PIPELINE	BP EXPLORATION																741.5	747.8	e	e	a	g
PLU3192	UMBILICAL	BP EXPLORATION																741.5	747.8	e	e	a	g
SCHIEHALLION CENTRAL TO FPSO GAS LIFT	PIPELINE	BP EXPLORATION																741.5	747.9	e	e	a	g
SCHIEHALLION CENTRAL TO FPSO OIL PROD	PIPELINE	BP EXPLORATION																741.5	747.9	e	e	a	g
PRODUCTION B CEN-FPSO	PIPELINE	BP EXPLORATION																741.5	747.9	e	e	a	g
UFS-15403	PIPELINE	BP EXPLORATION																741.5	747.9	e	e	a	g
PL3246	PIPELINE	BP EXPLORATION																741.5	747.9	e	e	a	g
UFS-18705	PIPELINE	BP EXPLORATION																741.6	747.9	e	e	a	g
SCHIEHALLION FPSO TO CENTRAL GAS LIFT	PIPELINE	BP EXPLORATION																741.6	747.9	e	e	a	g
PL3244	PIPELINE	BP EXPLORATION																741.6	747.9	e	e	a	g
PL3241	PIPELINE	BP EXPLORATION																741.6	748.0	e	e	a	g
SCHIEHALLION CENTRAL TO FPSO (U191921)	UMBILICAL	BP EXPLORATION																741.6	748.0	e	e	a	g
PL3243	PIPELINE	BP EXPLORATION																741.6	748.0	e	e	a	g
UUM-19701	PIPELINE	BP EXPLORATION																743.0	749.4	e	e	a	g
UUM-19102	PIPELINE	BP EXPLORATION																743.0	749.4	e	e	a	g
U101 - DUTA D30 TO ALLIGIN (UUM-14701)	UMBILICAL	BP EXPLORATION																743.1	749.4	e	e	a	g
SCHIEHALLION FPSO TO NORTHWEST CTRL UMB	UMBILICAL	BP EXPLORATION																743.1	749.4	e	e	a	g
SCHIEHALLION FPSO INFIELD (U193921)	UMBILICAL	BP EXPLORATION																743.3	749.7	e	e	a	g
SCHIEHALLION FPSO INFIELD (U190921)	UMBILICAL	BP EXPLORATION																743.5	749.9	e	e	a	g
UUM-19202	PIPELINE	BP EXPLORATION																743.6	749.9	e	e	a	g
SCHIEHALLION FPSO TO NORTHWEST WI	PIPELINE	BP EXPLORATION																743.6	749.9	e	e	a	g
SCHIEHALLION LOYAL TO FPSO GAS LIFT	PIPELINE	BP EXPLORATION																743.6	750.0	e	e	a	g
UFS-11007	PIPELINE	BP EXPLORATION																743.8	750.1	e	e	a	g
UFS-11016	PIPELINE	BP EXPLORATION																743.8	750.1	e	e	a	g
SCHIEHALLION NORTH TO FPSO WI	PIPELINE	BP EXPLORATION																743.8	750.2	e	e	a	g
SCHIEHALLION NORTHWEST TO FPSO	PIPELINE	BP EXPLORATION																743.8	750.2	e	e	a	g
SCHIEHALLION LOYAL TO FPSO OIL PROD TEST	PIPELINE	BP EXPLORATION																743.8	750.2	e	e	a	g
SCHIEHALLION LOYAL TO FPSO OIL PROD	PIPELINE	BP EXPLORATION																743.9	750.2	e	e	a	g
SCHIEHALLION NORTH TO FPSO (U195921)	UMBILICAL	BP EXPLORATION																743.9	750.2	e	e	a	g
PL3506	PIPELINE	BP EXPLORATION																743.9	750.3	e	e	a	g
SCHIEHALLION FPSO TO NORTHWEST GAS LIFT	PIPELINE	BP EXPLORATION																743.9	750.3	e	e	a	g
UFS-16305	PIPELINE	BP EXPLORATION																744.0	750.3	e	e	a	g
UUM-19501	UMBILICAL	BP EXPLORATION																744.0	750.3	e	e	a	g
PL3507	PIPELINE	BP EXPLORATION																744.0	750.3	e	e	a	g
L103 - NORTH WEST TO ALLIGIN (UFS-14601)	PIPELINE	BP EXPLORATION																744.2	750.5	e	e	a	g
L102 - NORTH WEST TO ALLIGIN (UFS-14501)	PIPELINE	BP EXPLORATION																744.2	750.5	e	e	a	g
L101 - ALLIGIN TO LOYAL (UFS-14404)	PIPELINE	BP EXPLORATION																744.3	750.6	e	e	a	g
UUM-13301	UMBILICAL	BP EXPLORATION																744.7	751.0	e	e	a	g
PLU3504	UMBILICAL	BP EXPLORATION																744.7	751.0	e	e	a	g
SCHIEHALLION LOYAL TO NORTH WI	PIPELINE	BP EXPLORATION																745.3	751.7	e	e	a	g
SCHIEHALLION LOYAL TO NORTH (U195922)	UMBILICAL	BP EXPLORATION																745.4	751.7	e	e	a	g
CLAIR GAS EXPORT	PIPELINE	BP EXPLORATION																791.1	798.0	e	e	a	g

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			2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034							
PL3184 CLAIR RIDGE 6INCH GAS EXPORT	PIPELINE	BP EXPLORATION																791.1	798.0	e	e	a	
NINIAN SHORT WATER CROSSING (PL10)	PIPELINE	ENQUEST PLC																793.6	800.8	e	e	a	
CORMORANT A TO SULLOM VOE	PIPELINE	TAQA EUROPA B.V.																796.6	803.8	e	e	a	
CLAIR TO SULLOM VOE	PIPELINE	BP EXPLORATION																798.2	805.0	e	e	a	
PL3183 CLAIR RIDGE BUNDLE	PIPELINE	BP EXPLORATION																798.4	805.2	e	e	a	
EOS	PIPELINE	ENQUEST PLC																798.6	805.8	e	e	a	
LAGGAN-TORMORE 2" SERVICE LINE	PIPELINE	TOTALENERGIES UPSTREAM UK LIMITED																799.2	806.3	e	e	a	
LAGGAN-TORMORE 8" MEG LINE	PIPELINE	TOTALENERGIES UPSTREAM UK LIMITED																799.2	806.3	e	e	a	
LAGGAN-TORMORE 18" FLOWLINE 2	PIPELINE	TOTALENERGIES UPSTREAM UK LIMITED																799.2	806.3	e	e	a	
LAGGAN-TORMORE 18" FLOWLINE 1	PIPELINE	TOTALENERGIES UPSTREAM UK LIMITED																799.2	806.3	e	e	a	
LAGGAN-TORMORE UMBILICAL	UMBILICAL	TOTALENERGIES UPSTREAM UK LIMITED																799.2	806.3	e	e	a	
EDRADOUR UMBILICAL (from LAGGAN)	UMBILICAL	TOTALENERGIES UPSTREAM UK LIMITED																820.6	827.2	e	e	a	
EDRADOUR 2" SERVICE LINE	PIPELINE	TOTALENERGIES UPSTREAM UK LIMITED																821.9	828.7	e	e	a	
EDRADOUR 6" MEG PIPELINE	PIPELINE	TOTALENERGIES UPSTREAM UK LIMITED																821.9	828.7	e	e	a	
EDRADOUR 12" PRODUCTION PIPELINE	PIPELINE	TOTALENERGIES UPSTREAM UK LIMITED																822.0	828.7	e	e	a	
GLENLIVET 12" PRODUCTION PIPELINE	PIPELINE	TOTALENERGIES UPSTREAM UK LIMITED																822.0	828.7	e	e	a	
GLENLIVET UMBILICAL (from EDRADOUR)	UMBILICAL	TOTALENERGIES UPSTREAM UK LIMITED																828.9	835.7	e	e	a	
GLENLIVET 2" SERVICE LINE	PIPELINE	TOTALENERGIES UPSTREAM UK LIMITED																828.9	835.8	e	e	a	
GLENLIVET 6" MEG PIPELINE	PIPELINE	TOTALENERGIES UPSTREAM UK LIMITED																828.9	835.8	e	e	a	
STAFFA OIL PIPELINE	PIPELINE	CNR INTERNATIONAL																899.8	907.5	e	e	a	
LYELL TEST PIPELINE PLATFORM SPOOLS	PIPELINE	CNR INTERNATIONAL																899.8	907.5	e	e	a	
CONTROL UMBILICAL UF	UMBILICAL	CNR INTERNATIONAL																899.9	907.6	e	e	a	
STAFFA PIPELINE	PIPELINE	CNR INTERNATIONAL																900.0	907.6	e	e	a	
CHEMICAL UMBILICAL JUMPER TO LYELL WELL B1(BC)	UMBILICAL	CNR INTERNATIONAL																903.4	911.0	e	e	a	
GAS LIFT JUMPER TO LYELL WELL B1(BC)	PIPELINE	CNR INTERNATIONAL																903.4	911.0	e	e	a	
POWER UMBILICAL JUMPER TO LYELL WELL B1(BC)	UMBILICAL	CNR INTERNATIONAL																903.4	911.0	e	e	a	
CHEMICAL UMBILICAL JUMPER TO LYELL WELL B2(BA)	UMBILICAL	CNR INTERNATIONAL																903.4	911.0	e	e	a	
GAS LIFT JUMPER TO LYELL WELL B2(BA)	PIPELINE	CNR INTERNATIONAL																903.4	911.0	e	e	a	
POWER UMBILICAL JUMPER TO LYELL WELL B2(BA)	UMBILICAL	CNR INTERNATIONAL																903.4	911.0	e	e	a	
LYELL WELL B1(BC) PRODUCTION JUMPER	PIPELINE	CNR INTERNATIONAL																903.4	911.0	e	e	a	
LYELL WELL B2(BA) PRODUCTION JUMPER	PIPELINE	CNR INTERNATIONAL																903.4	911.0	e	e	a	
CHEMICAL UMBILICAL JUMPER TO LYELL WELL B4(BD)	UMBILICAL	CNR INTERNATIONAL																903.4	911.0	e	e	a	
GAS LIFT JUMPER TO LYELL WELL B4(BD)	PIPELINE	CNR INTERNATIONAL																903.4	911.0	e	e	a	
POWER UMBILICAL JUMPER TO LYELL WELL B4(BD)	UMBILICAL	CNR INTERNATIONAL																903.4	911.0	e	e	a	
LYELL WELL B4(BD) PRODUCTION JUMPER	PIPELINE	CNR INTERNATIONAL																903.4	911.0	e	e	a	
LYELL METHANOL INJECTION SPOOLS (MANIFOLD B TO MANIFOLD A)	PIPELINE	CNR INTERNATIONAL																903.5	911.1	e	e	a	
MANIFOLD A TO MANIFOLD B SERVICE UMBILICAL	UMBILICAL	CNR INTERNATIONAL																903.5	911.1	e	e	a	
LYELL PRODUCTION MANIFOLD B TO MANIFOLD A	PIPELINE	CNR INTERNATIONAL																903.5	911.1	e	e	a	

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LYELL PRODUCTION MANIFOLD B TO MULTIPHASE BOOSTER PUMP	PIPELINE	CNR INTERNATIONAL																903.5	911.1	e	e	a	g
LYELL PRODUCTION MANIFOLD B TO METERING SKID	PIPELINE	CNR INTERNATIONAL																903.5	911.1	e	e	a	g
LYELL MULTIPHASE BOOSTER PUMP TO MANIFOLD B UMBILICAL	UMBILICAL	CNR INTERNATIONAL																903.5	911.1	e	e	a	g
LYELL TEST PIPELINE MANIFOLD SPOOLS	PIPELINE	CNR INTERNATIONAL																903.5	911.1	e	e	a	g
MAGNUS TO NINIAN	PIPELINE	ENQUEST PLC																905.2	912.8	e	e	a	g
CORMORANT A - P1 ROCK DUMP	ROCK DUMP	TAQA EUROPA B.V.																910.6	918.2	e	e	a	g
TERN - CLADHAN MANIFOLD CONTROL UMBILICAL	UMBILICAL	TAQA EUROPA B.V.																914.4	921.9	e	e	a	g
TERN - CLADHAN MANIFOLD CONTROL UMBILICAL	ROCK DUMP	TAQA EUROPA B.V.																914.4	921.9	e	e	a	g
10 INCH CLADHAN PRODUCTION PIPELINE	PIPELINE	TAQA EUROPA B.V.																914.4	921.9	e	e	a	g
10 INCH CLADHAN PRODUCTION PIPELINE	ROCK DUMP	TAQA EUROPA B.V.																914.4	921.9	e	e	a	g
10 INCH CLADHAN WATER INJECTION PIPELINE	PIPELINE	TAQA EUROPA B.V.																914.4	921.9	e	e	a	g
10 INCH CLADHAN WATER INJECTION PIPELINE	ROCK DUMP	TAQA EUROPA B.V.																914.4	921.9	e	e	a	g
4 INCH CLADHAN GAS LIFT PIPELINE	PIPELINE	TAQA EUROPA B.V.																914.5	921.9	e	e	a	g
4 INCH CLADHAN GAS LIFT PIPELINE	ROCK DUMP	TAQA EUROPA B.V.																914.5	921.9	e	e	a	g
CORMORANT P1 WELL TO CORMORANT A LINE B	ROCK DUMP	TAQA EUROPA B.V.																916.9	924.4	e	e	a	g
CORMORANT P1 WELL TO CORMORANT A LINE B	PIPELINE	TAQA EUROPA B.V.																916.9	924.4	e	e	a	g
CORMORANT A TO P1 WELL E UMB	ROCK DUMP	TAQA EUROPA B.V.																917.0	924.5	e	e	a	g
CORMORANT A TO P1 WELL E UMB	UMBILICAL	TAQA EUROPA B.V.																917.0	924.5	e	e	a	g
CORMORANT P1 WELL TO CORMORANT A LINE A	ROCK DUMP	TAQA EUROPA B.V.																917.1	924.6	e	e	a	g
CORMORANT P1 WELL TO CORMORANT A LINE A	PIPELINE	TAQA EUROPA B.V.																917.1	924.6	e	e	a	g
CORMORANT A TO P1 WELL M/H UMB	ROCK DUMP	TAQA EUROPA B.V.																917.1	924.6	e	e	a	g
CORMORANT A TO P1 WELL M/H UMB	UMBILICAL	TAQA EUROPA B.V.																917.1	924.6	e	e	a	g
CORMORANT P1 WELL TO CORMORANT A	PIPELINE	TAQA EUROPA B.V.																917.2	924.8	e	e	a	g
DUNLIN OIL EXPORT	PIPELINE	FAIRFIELD ENERGY LIMITED																918.1	925.6	e	e	a	g
DUNLIN OIL EXPORT	ROCK DUMP	FAIRFIELD ENERGY LIMITED																918.1	925.6	e	e	a	g
WESTERN ISLES GAS PIPELINE	PIPELINE	KOREA NATIONAL OIL CORPORATION																920.2	927.7	e	e	a	g
TERN TO HUDSON CHEM INJ (PL1023.26)	UMBILICAL	TAQA EUROPA B.V.																923.2	930.6	e	e	a	g
TERN TO HUDSON CHEM INJ (PL1023.27)	UMBILICAL	TAQA EUROPA B.V.																923.2	930.6	e	e	a	g
TERN TO HUDSON CHEM INJ (PL1023)	PIPELINE	TAQA EUROPA B.V.																923.2	930.6	e	e	a	g
TERN TO HUDSON GAS LINE	PIPELINE	TAQA EUROPA B.V.																923.2	930.7	e	e	a	g
HUDSON MANIFOLD GAS LIFT L2	PIPELINE	TAQA EUROPA B.V.																923.2	930.7	e	e	a	g
HUDSON MANIFOLD PRODUCTION L2 (PL1025)	PIPELINE	TAQA EUROPA B.V.																923.2	930.7	e	e	a	g
HUDSON MANIFOLD GAS LIFT L1	PIPELINE	TAQA EUROPA B.V.																923.2	930.7	e	e	a	g
HUDSON MANIFOLD PRODUCTION L1 (PL1024)	PIPELINE	TAQA EUROPA B.V.																923.2	930.7	e	e	a	g
HUDSON L2 TO MANIFOLD	PIPELINE	TAQA EUROPA B.V.																923.2	930.7	e	e	a	g
TERN TO HUDSON LINE (PL1020)	PIPELINE	TAQA EUROPA B.V.																923.2	930.7	e	e	a	g
HUDSON L1 TO MANIFOLD	PIPELINE	TAQA EUROPA B.V.																923.2	930.7	e	e	a	g
TERN TO HUDSON (PL1019)	PIPELINE	TAQA EUROPA B.V.																923.2	930.7	e	e	a	g
HUDSON P2 TO TERN	PIPELINE	TAQA EUROPA B.V.																923.3	930.7	e	e	a	g
TERN TO HUDSON LINE	PIPELINE	TAQA EUROPA B.V.																923.3	930.7	e	e	a	g
TERN TO HUDSON (PL1018)	PIPELINE	TAQA EUROPA B.V.																923.3	930.7	e	e	a	g
HUDSON P1 TO TERN	PIPELINE	TAQA EUROPA B.V.																923.3	930.7	e	e	a	g
TERN TO HUDSON (PL1021)	PIPELINE	TAQA EUROPA B.V.																923.3	930.7	e	e	a	g
HUDSON MANIFOLD PRODUCTION L2 (PL1025A)	PIPELINE	TAQA EUROPA B.V.																923.3	930.7	e	e	a	g
HUDSON MANIFOLD PRODUCTION L1 (PL1024A)	PIPELINE	TAQA EUROPA B.V.																923.3	930.7	e	e	a	g
TERN TO HUDSON WI	PIPELINE	TAQA EUROPA B.V.																923.3	930.7	e	e	a	g
NW HUTTON TO NWH SSV UMB	UMBILICAL	BP EXPLORATION																924.3	931.8	e	e	a	g
MAGNUS TO BRENT A (NLGP)	PIPELINE	ENQUEST PLC																927.2	934.8	e	e	a	g
TERN A TO NORTH CORMORANT	PIPELINE	TAQA EUROPA B.V.																930.2	937.7	e	e	a	g
NORTH CORMORANT TO TERN A	PIPELINE	TAQA EUROPA B.V.																930.2	937.7	e	e	a	g
NORTH CORMORANT TO TERN A	ROCK DUMP	TAQA EUROPA B.V.																930.2	937.7	e	e	a	g
KESTREL P1 TO TERN SSV	PIPELINE	TAQA EUROPA B.V.																930.3	937.7	e	e	a	g
TERN A TO KESTREL GAS LINE	PIPELINE	TAQA EUROPA B.V.																930.3	937.7	e	e	a	g

Offshore Stage 1 and Stage 2 In-Combination Effects Matrices
Industry: Oil and Gas Pipelines

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			2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034							
KESTREL CHEMICAL INJECTION LINE	UMBILICAL	TAQA EUROPA B.V.																930.3	937.7	e	e	a	
TERN TO EIDER (REPLACEMENT)	ROCK DUMP	TAQA EUROPA B.V.																930.3	937.8	e	e	a	
TERN TO EIDER (REPLACEMENT)	PIPELINE	TAQA EUROPA B.V.																930.3	937.8	e	e	a	
TERN A TO EIDER A (NOT IN USE)	PIPELINE	TAQA EUROPA B.V.																930.4	937.8	e	e	a	
CAUSEWAY WATER INJECTION (WI) NCP TO WI	PIPELINE	ITHACA ENERGY																932.8	940.3	e	e	a	
EIDER A TO NORTH CORMORANT	PIPELINE	TAQA EUROPA B.V.																932.9	940.4	e	e	a	
CAUSEWAY MAIN CONTROL FROM NCP TO P1	UMBILICAL	ITHACA ENERGY																932.9	940.4	e	e	a	
CAUSEWAY P1 TO NORTH CORMORANT PLATFORM	PIPELINE	ITHACA ENERGY																932.9	940.4	e	e	a	
NORTH CORMORANT TO EIDER A	UMBILICAL	TAQA EUROPA B.V.																932.9	940.4	e	e	a	
4" GAS LIFT BRENT C - PENGUINS DC2	PIPELINE	SHELL PLC																935.0	942.6	e	e	a	
CONTROL UMBILICAL BRENT C - SSIV	UMBILICAL	SHELL PLC																935.0	942.6	e	e	a	
16" GAS RISER BASE MANIFOLD TOWHEAD - N0513 (PL1902) TIE-IN	PIPELINE	SHELL PLC																935.1	942.7	e	e	a	
KESTREL P1 TO KESTREL P2 OIL JUMPER	PIPELINE	TAQA EUROPA B.V.																936.7	944.2	e	e	a	
KESTREL P1 TO KESTREL P2 UMB	UMBILICAL	TAQA EUROPA B.V.																936.7	944.2	e	e	a	
KESTREL P1 TO KESTREL P2 GAS LIFT	PIPELINE	TAQA EUROPA B.V.																936.7	944.2	e	e	a	
KESTREL P2 TO KESTREL W1	UMBILICAL	TAQA EUROPA B.V.																936.7	944.2	e	e	a	
FALCON TO KESTREL 6INCH PRODUCTION LINE	PIPELINE	TAQA EUROPA B.V.																936.7	944.2	e	e	a	
FALCON TO KESTREL 4INCH GAS LIFT LINE	PIPELINE	TAQA EUROPA B.V.																936.7	944.2	e	e	a	
FALCON TO KESTREL CONTROL UMBILICAL	UMBILICAL	TAQA EUROPA B.V.																936.7	944.2	e	e	a	
TERN EIDER WI TEE TO KESTREL W1	PIPELINE	TAQA EUROPA B.V.																936.8	944.3	e	e	a	
FIONN P2 AND P1 PIPELINE TEE	PIPELINE	ITHACA ENERGY																938.9	946.4	e	e	a	
CAUSEWAY INFIELD CONTROL FROM P1 TO WI	UMBILICAL	ITHACA ENERGY																942.5	950.1	e	e	a	
PL3132 10INCH WI EIDER TO OTTER	PIPELINE	TAQA EUROPA B.V.																944.4	951.8	e	e	a	
PL3132 10INCH WI EIDER TO OTTER	ROCK DUMP	TAQA EUROPA B.V.																944.4	951.8	e	e	a	
OTTER TO EIDER REPLACEMENT SECTION	ROCK DUMP	TAQA EUROPA B.V.																944.4	951.9	e	e	a	
OTTER TO EIDER REPLACEMENT SECTION	PIPELINE	TAQA EUROPA B.V.																944.4	951.9	e	e	a	
OTTER POWER CABLE P3	ROCK DUMP	TAQA EUROPA B.V.																944.4	951.9	e	e	a	
OTTER POWER CABLE P3	UMBILICAL	TAQA EUROPA B.V.																944.4	951.9	e	e	a	
OTTER POWER CABLE P2	UMBILICAL	TAQA EUROPA B.V.																944.4	951.9	e	e	a	
OTTER POWER CABLE P2	ROCK DUMP	TAQA EUROPA B.V.																944.4	951.9	e	e	a	
OTTER POWER CABLE P1	UMBILICAL	TAQA EUROPA B.V.																944.5	951.9	e	e	a	
OTTER POWER CABLE P1	ROCK DUMP	TAQA EUROPA B.V.																944.5	951.9	e	e	a	
EIDER TO OTTER UMB	UMBILICAL	TAQA EUROPA B.V.																944.5	951.9	e	e	a	
EIDER TO OTTER WI	ROCK DUMP	TAQA EUROPA B.V.																944.6	952.0	e	e	a	
EIDER TO OTTER WI	PIPELINE	TAQA EUROPA B.V.																944.6	952.0	e	e	a	
OTTER TO EIDER	PIPELINE	TAQA EUROPA B.V.																944.6	952.1	e	e	a	
OTTER TO EIDER	ROCK DUMP	TAQA EUROPA B.V.																944.6	952.1	e	e	a	
MERLIN OIL PRODUCTION LINE	PIPELINE	FAIRFIELD ENERGY LIMITED																946.7	954.2	e	e	a	
MERLIN OIL PRODUCTION LINE	ROCK DUMP	FAIRFIELD ENERGY LIMITED																946.7	954.2	e	e	a	
MERLIN CONTROL UMBILICAL	UMBILICAL	FAIRFIELD ENERGY LIMITED																946.7	954.2	e	e	a	
DUNLIN FUEL GAS IMPORT SSIV UMBILICAL	BERM	FAIRFIELD ENERGY LIMITED																948.2	955.8	e	e	a	
OSPREY CONTROL UMBILICAL	UMBILICAL	FAIRFIELD ENERGY LIMITED																948.3	955.8	e	e	a	
OSPREY CONTROL UMBILICAL	BERM	FAIRFIELD ENERGY LIMITED																948.3	955.8	e	e	a	
OSPREY CONTROL UMBILICAL	ROCK DUMP	FAIRFIELD ENERGY LIMITED																948.3	955.8	e	e	a	
OSPREY REPLACEMENT CONTROL UMBILICAL	UMBILICAL	FAIRFIELD ENERGY LIMITED																948.3	955.9	e	e	a	
OSPREY REPLACEMENT CONTROL UMBILICAL	ROCK DUMP	FAIRFIELD ENERGY LIMITED																948.3	955.9	e	e	a	
OSPREY WATER INJECTION	PIPELINE	FAIRFIELD ENERGY LIMITED																948.3	955.9	e	e	a	
OSPREY WATER INJECTION	ROCK DUMP	FAIRFIELD ENERGY LIMITED																948.3	955.9	e	e	a	

Offshore Stage 1 and Stage 2 In-Combination Effects Matrices
Industry: Oil and Gas Pipelines

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			2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034							
OSPREY WATER INJECTION	BERM	FAIRFIELD ENERGY LIMITED																948.3	955.9	e	e	a	g
OSPREY OIL PRODUCTION LINE	PIPELINE	FAIRFIELD ENERGY LIMITED																948.3	955.9	e	e	a	g
OSPREY OIL TEST LINE	PIPELINE	FAIRFIELD ENERGY LIMITED																948.3	955.9	e	e	a	g
16 INCH THISTLE TO DUNLIN PIPELINE	PIPELINE	ENQUEST PLC																948.3	955.9	e	e	a	g
MURCHISON OIL EXPORT PIPELINE	PIPELINE	CNR INTERNATIONAL																948.4	956.0	e	e	a	g
DUNLIN FUEL GAS IMPORT PIPELINE	PIPELINE	FAIRFIELD ENERGY LIMITED																948.4	956.0	e	e	a	g
DUNLIN FUEL GAS IMPORT PIPELINE	BERM	FAIRFIELD ENERGY LIMITED																948.4	956.0	e	e	a	g
DUNLIN FUEL GAS IMPORT PIPELINE	ROCK DUMP	FAIRFIELD ENERGY LIMITED																948.4	956.0	e	e	a	g
OSPREY WI CONTROL UMBILICAL	UMBILICAL	FAIRFIELD ENERGY LIMITED																951.6	959.2	e	e	a	g
NPR TO THISTLE OIL EXPORT	PIPELINE	ENQUEST PLC																956.3	963.8	e	e	a	g
UMBL	UMBILICAL	BP EXPLORATION																956.3	963.8	e	e	a	g
THISTLE TO DON OIL LINE	PIPELINE	BP EXPLORATION																956.3	963.9	e	e	a	g
THISTLE TO DON WI	PIPELINE	BP EXPLORATION																956.3	963.9	e	e	a	g
THISTLE TO MURCHISON SPUR (NLGP)	PIPELINE	ENQUEST PLC																956.3	963.9	e	e	a	g
THISTLE A TO S-A-L-M	PIPELINE	ENQUEST PLC																956.4	963.9	e	e	a	g
THISTLE A TO SALM	PIPELINE	ENQUEST PLC																956.4	963.9	e	e	a	g
THISTLE SSIV UMBILICAL	UMBILICAL	ENQUEST PLC																956.4	964.0	e	e	a	g
THISTLE FIELD 8IN PROD FLOWLINE	PIPELINE	ENQUEST PLC																961.5	969.0	e	e	a	g
NPR TO THISTLE GAS EXPORT	PIPELINE	ENQUEST PLC																961.5	969.0	e	e	a	g
MURCHISON TO NLGP TO THE T1B SSIV	UMBILICAL	BP EXPLORATION																962.2	969.7	e	e	a	g
MURCHISON TO MS-2(211/19-2) 1	PIPELINE	CNR INTERNATIONAL																964.0	971.5	e	e	a	g
MURCHISON WATER INJECTION BUNDLE	PIPELINE	CNR INTERNATIONAL																964.0	971.6	e	e	a	g
MURCHISON PRODUCTION BUNDLE PL4261	PIPELINE	ENQUEST PLC																964.0	971.6	e	e	a	g
NPR TO WD GAS LIFT	PIPELINE	ENQUEST PLC																964.8	972.3	e	e	a	g
NPR TO WD PRODUCTION	PIPELINE	ENQUEST PLC																964.8	972.3	e	e	a	g
MAGNUS S PROD WELL TO MAGNUS S	PIPELINE	ENQUEST PLC																964.8	972.3	e	e	a	g
NPR TO WD UMBILICAL	UMBILICAL	ENQUEST PLC																964.9	972.4	e	e	a	g
NPR TO WD WATER INJECTION	PIPELINE	ENQUEST PLC																964.9	972.4	e	e	a	g
MAGNUS TO SOUTH MAGNUS	PIPELINE	ENQUEST PLC																964.9	972.3	e	e	a	g
DON SOUTHWEST GAS LIFT	PIPELINE	ENQUEST PLC																965.1	972.6	e	e	a	g
DON SOUTHWEST PRODUCTION	PIPELINE	ENQUEST PLC																965.1	972.6	e	e	a	g
DON DYNAMIC UMBILICAL	UMBILICAL	ENQUEST PLC																965.1	972.6	e	e	a	g
DON SOUTHWEST WATER INJECTION	PIPELINE	ENQUEST PLC																965.1	972.7	e	e	a	g
NPR TO DSW UMBILICAL	UMBILICAL	ENQUEST PLC																965.1	972.7	e	e	a	g
NPR TO DSW WATER INJECTION	PIPELINE	ENQUEST PLC																965.1	972.7	e	e	a	g
DON SOUTH WEST WATER INJECTION UMBILICAL	UMBILICAL	ENQUEST PLC																965.1	972.7	e	e	a	g
PL4262	PIPELINE	ENQUEST PLC																965.2	972.7	e	e	a	g
MAGNUS PRODUCTION FLOWLINE	PIPELINE	ENQUEST PLC																967.6	975.1	e	e	a	g
MAGNUS INFIELD FLOWLINE B	PIPELINE	ENQUEST PLC																969.0	976.5	e	e	a	g
UMBIL - MAGUA	UMBILICAL	ENQUEST PLC																969.9	977.4	e	e	a	g
MAGNUS INFIELD FLOWLINE A	PIPELINE	ENQUEST PLC																969.9	977.4	e	e	a	g
MOL REPLACEMENT PIPELINE (PART)	PIPELINE	ENQUEST PLC																970.2	977.7	e	e	d	g
MAGNUS INFIELD FLOWLINE C	PIPELINE	ENQUEST PLC																970.7	978.2	e	e	a	g
MAGNUS TO D5A WELLHEAD	PIPELINE	ENQUEST PLC																970.7	978.2	e	e	a	g
MAGNUS INFIELD FLOWLINE D	PIPELINE	ENQUEST PLC																972.1	979.6	e	e	a	g
MAGNUS TO SWIFT CONTROL UMB	UMBILICAL	ENQUEST PLC																973.8	981.3	e	e	a	g
MAGNUS TO SWIFT WI WELL	PIPELINE	ENQUEST PLC																973.8	981.3	e	e	a	g
MAGNUS INFIELD FLOWLINE F	PIPELINE	ENQUEST PLC																973.9	981.3	e	e	a	g
MAGNUS TO D4A WELLHEAD	PIPELINE	ENQUEST PLC																973.9	981.3	e	e	a	g
MAGNUS INFIELD FLOWLINE G	PIPELINE	ENQUEST PLC																973.9	981.4	e	e	a	g
MAGNUS INFIELD FLOWLINE E	PIPELINE	ENQUEST PLC																973.9	981.4	e	e	a	g
16"/22" OIL PIPE IN PIPE PENGUIN DC4 - PENGUIN DC5	PIPELINE	SHELL PLC																974.5	982.1	e	e	a	g

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UMBILICAL PENGUINS SCS5 - PENGUINS DC5	UMBILICAL	SHELL PLC																974.5	982.1	e	e	a	
6" OIL PENGUINS DC5 - WELL D3	PIPELINE	SHELL PLC																974.5	982.1	e	e	a	
6" OIL PENGUINS WELL E1 - DC5 MANIFOLD	PIPELINE	SHELL PLC																974.5	982.1	e	e	a	
6" OIL DC5 MANIFOLD - WELL D4	PIPELINE	SHELL PLC																974.5	982.1	e	e	d	
UMBILICAL PENGUIN DC5 UCS - WELL D3	UMBILICAL	SHELL PLC																974.5	982.1	e	e	a	
6" OIL PENGUINS DC5 - WELL D2	PIPELINE	SHELL PLC																974.5	982.1	e	e	a	
UMBILICAL DC5 UCS - DC5 MANIFOLD	UMBILICAL	SHELL PLC																974.5	982.1	e	e	d	
UMBILICAL PENGUINS SCS5 - WELL D2	UMBILICAL	SHELL PLC																974.6	982.1	e	e	a	
UMBILICAL PENGUIN SCS5 - WELL E1	UMBILICAL	SHELL PLC																974.6	982.1	e	e	a	
UMBILICAL DC5 SCS - WELL D4	UMBILICAL	SHELL PLC																974.6	982.1	e	e	d	
CONTROL UMBILICAL PENGUINS DC5 UCS - DC4 UCS	UMBILICAL	SHELL PLC																974.6	982.2	e	e	a	
4" GAS LIFT PENGUINS DC4 DBBV SKID - DC4 MANIFOLD	PIPELINE	SHELL PLC																976.3	983.8	e	e	a	
6" OIL DC4 MANIFOLD - ROCKHOPPER WELL	PIPELINE	SHELL PLC																976.4	983.9	e	e	d	
UMBILICAL DC4 MANIFOLD - ROCKHOPPER WELL	UMBILICAL	SHELL PLC																976.4	983.9	e	e	d	
2" GAS LIFT DC4 MANIFOLD - ROCKHOPPER WELL	PIPELINE	SHELL PLC																976.4	983.9	e	e	d	
16"/22" OIL PIPE IN PIPE PENGUIN DC3 - PENGUIN DC4	PIPELINE	SHELL PLC																976.4	983.9	e	e	a	
UMBILICAL PENGUINS SCS4 - PENGUINS DC4	UMBILICAL	SHELL PLC																976.4	983.9	e	e	a	
6" OIL PENGUINS DC4 - PENGUINS WELL D1	PIPELINE	SHELL PLC																976.4	983.9	e	e	a	
2" GAS LIFT PENGUINS DC4 - PENGUINS WELL C2	PIPELINE	SHELL PLC																976.4	983.9	e	e	a	
6" OIL PENGUINS DC4 - PENGUINS WELL C2	PIPELINE	SHELL PLC																976.4	983.9	e	e	a	
UMBILICAL DC4 UCS - DC4 MANIFOLD	UMBILICAL	SHELL PLC																976.4	983.9	e	e	d	
UMBILICAL PENGUINS SCS4 - PENGUINS WELL D1	UMBILICAL	SHELL PLC																976.4	983.9	e	e	a	
UMBILICAL PENGUINS SCS4 - PENGUINS WELL C2	UMBILICAL	SHELL PLC																976.4	983.9	e	e	a	
CONTROL UMBILICAL PENGUINS DC4 UCS - DC3 UCS	UMBILICAL	SHELL PLC																976.5	984.0	e	e	a	
6" GAS LIFT PENGUINS FPSO - DC7 MANIFOLD TOWHEAD	PIPELINE	SHELL PLC																976.7	984.2	e	e	d	
6" GAS LIFT PENGUINS FPSO - DC7 MANIFOLD TOWHEAD	PIPELINE	SHELL PLC																976.7	984.2	e	e	d	
16" OIL (SOUTH PRODUCTION) PENGUINS FPSO - MIDLINE STRUCTURE MS1	PIPELINE	SHELL PLC																976.7	984.2	e	e	a	
16" OIL (SOUTH PRODUCTION) PENGUINS FPSO - MIDLINE STRUCTURE MS1	PIPELINE	SHELL PLC																976.7	984.2	e	e	d	
12" OIL (NORTH PRODUCTION) PENGUINS FPSO - MIDLINE STRUCTURE MS1	PIPELINE	SHELL PLC																976.7	984.2	e	e	a	
12" OIL (NORTH PRODUCTION) PENGUINS FPSO - MIDLINE STRUCTURE MS1	PIPELINE	SHELL PLC																976.7	984.2	e	e	d	
10" GAS EXPORT RISER PENGUINS FPSO - DC5 MANIFOLD	PIPELINE	SHELL PLC																976.7	984.2	e	e	d	
UMBILICAL (2 OF 2) PENGUINS FPSO - MIDLINE STRUCTURE MS1	UMBILICAL	SHELL PLC																976.7	984.2	e	e	a	
UMBILICAL (2 OF 2) PENGUINS FPSO - MIDLINE STRUCTURE MS1	UMBILICAL	SHELL PLC																976.7	984.2	e	e	d	
UMBILICAL (1 OF 2) PENGUINS FPSO - MIDLINE STRUCTURE MS1	UMBILICAL	SHELL PLC																976.7	984.2	e	e	a	
UMBILICAL (1 OF 2) PENGUINS FPSO - MIDLINE STRUCTURE MS1	UMBILICAL	SHELL PLC																976.7	984.2	e	e	d	
47" CARRIER FPSO BUNDLE (S) RISER BASE MANIFOLD TOWHEAD - MIDLINE STRUCTURE MS1	PIPELINE	SHELL PLC																977.0	984.5	e	e	a	
4" GAS LIFT PENGUINS DC3 DBBV SKID - DC3 MANIFOLD	PIPELINE	SHELL PLC																978.9	986.4	e	e	a	
10"/16" OIL PIPE IN PIPE PENGUIN DC2 - PENGUIN DC3	PIPELINE	SHELL PLC																979.0	986.5	e	e	a	
10" OIL MIDLINE STRUCTURE MS1 - DC3 MANIFOLD	PIPELINE	SHELL PLC																979.0	986.5	e	e	d	

Offshore Stage 1 and Stage 2 In-Combination Effects Matrices
Industry: Oil and Gas Pipelines

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Pipeline name	Infrastructure Type	Representative group	Construction Period (orange outline denotes proposed development offshore construction period)														Distance to array area (km)	Distance to ECC (km)	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammal Ecology	Offshore and Intertidal Ornithology	
			2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034							
4" GAS LIFT MIDLINE STRUCTURE MS1 - DC3 MANIFOLD	PIPELINE	SHELL PLC																979.0	986.5	e	e	d	NR
14" OIL MIDLINE STRUCTURE MS1 - DC3 MANIFOLD	PIPELINE	SHELL PLC																979.0	986.5	e	e	d	NR
UMBILICAL PENGUINS SCS3 - PENGUINS DC3	UMBILICAL	SHELL PLC																979.0	986.5	e	e	a	NR
2" GAS LIFT PENGUINS DC3 - PENGUINS WELL C1	PIPELINE	SHELL PLC																979.0	986.5	e	e	a	NR
6" OIL PENGUINS DC3 - PENGUINS WELL C1	PIPELINE	SHELL PLC																979.0	986.5	e	e	a	NR
2" GAS LIFT PENGUINS DC3 - PENGUINS WELL C3	PIPELINE	SHELL PLC																979.0	986.5	e	e	a	NR
6" OIL PENGUINS DC3 - PENGUINS WELL C3	PIPELINE	SHELL PLC																979.0	986.5	e	e	a	NR
UMBILICAL DC3 UCS - DC3 MANIFOLD	UMBILICAL	SHELL PLC																979.0	986.5	e	e	d	NR
UMBILICAL PENGUINS SCS3 - PENGUINS WELL C1	UMBILICAL	SHELL PLC																979.0	986.5	e	e	a	NR
UMBILICAL PENGUINS SCS3- PENGUINS WELL C3	UMBILICAL	SHELL PLC																979.0	986.5	e	e	a	NR
UMBILICAL MIDLINE STRUCTURE MS1 - DC3 UCS	UMBILICAL	SHELL PLC																979.0	986.5	e	e	d	NR
14" OIL MIDLINE STRUCTURE MS1 - DC7 MANIFOLD TOWHEAD	PIPELINE	SHELL PLC																979.0	986.5	e	e	d	NR
38" CARRIER FPSO BUNDLE (N) MIDLINE STRUCTURE MS1 - DC7 MANIFOLD TOWHEAD	PIPELINE	SHELL PLC																979.0	986.5	e	e	d	NR
UMBILICAL MIDLINE STRUCTURE MS1 - DC7 MANIFOLD TOWHEAD	UMBILICAL	SHELL PLC																979.0	986.5	e	e	d	NR
CONTROL UMBILICAL PENGUINS DC3 UCS - DC2 UCS	UMBILICAL	SHELL PLC																979.1	986.6	e	e	a	NR
UMBILICAL DC7 MANIFOLD TOWHEAD - C-TRIASSIC WELL	UMBILICAL	SHELL PLC																979.3	986.8	e	e	d	NR
6" OIL DC7 MANIFOLD TOWHEAD - C-TRIASSIC WELL	PIPELINE	SHELL PLC																979.3	986.8	e	e	d	NR
2" GAS LIFT DC7 MANIFOLD TOWHEAD - C-TRIASSIC WELL	PIPELINE	SHELL PLC																979.3	986.8	e	e	d	NR
6" OIL DC7 MANIFOLD TOWHEAD - C-UPDIP WELL	PIPELINE	SHELL PLC																979.4	986.9	e	e	d	NR
UMBILICAL DC7 MANIFOLD TOWHEAD - C-UPDIP WELL	UMBILICAL	SHELL PLC																979.4	986.9	e	e	d	NR
2" GAS LIFT DC7 MANIFOLD TOWHEAD - C-UPDIP WELL	PIPELINE	SHELL PLC																979.4	986.9	e	e	d	NR
UMBILICAL DC7 MANIFOLD TOWHEAD - PC4 WELL	UMBILICAL	SHELL PLC																979.4	986.9	e	e	d	NR
2" GAS LIFT DC7 MANIFOLD TOWHEAD - PC4 WELL	PIPELINE	SHELL PLC																979.4	986.9	e	e	d	NR
6" OIL DC7 MANIFOLD TOWHEAD - PC4 WELL	PIPELINE	SHELL PLC																979.4	986.9	e	e	d	NR
4" GAS LIFT PENGUIN DC2 DBBV SKID - DC2 MANIFOLD	PIPELINE	SHELL PLC																979.6	987.1	e	e	a	NR
4" GAS LIFT DC6 MANIFOLD TOWHEAD - DC2 MANIFOLD	PIPELINE	SHELL PLC																979.7	987.2	e	e	d	NR
UMBILICAL DC6 MANIFOLD TOWHEAD - DC2 UCS	UMBILICAL	SHELL PLC																979.7	987.2	e	e	d	NR
8" OIL DC6 MANIFOLD TOWHEAD - DC2 MANIFOLD	PIPELINE	SHELL PLC																979.7	987.2	e	e	d	NR
UMBILICAL PENGUINS DC2 MANIFOLD - RPCM	UMBILICAL	SHELL PLC																979.7	987.2	e	e	a	NR
2" GAS LIFT DC6 MANIFOLD TOWHEAD - PAN-W WELL	PIPELINE	SHELL PLC																979.7	987.2	e	e	d	NR
UMBILICAL PENGUINS DC2 MANIFOLD - RPCM (REPLACEMENT)	UMBILICAL	SHELL PLC																979.7	987.2	e	e	a	NR
6" OIL DC6 MANIFOLD TOWHEAD - PAN-W WELL	PIPELINE	SHELL PLC																979.7	987.2	e	e	d	NR
UMBILICAL DC6 MANIFOLD TOWHEAD - PAN-W WELL	UMBILICAL	SHELL PLC																979.7	987.2	e	e	d	NR
UMBILICAL PENGUINS SCS2 - PENGUINS DC2	UMBILICAL	SHELL PLC																979.7	987.2	e	e	a	NR
2" GAS LIFT PENGUINS DC2 - PENGUINS WELL A1	PIPELINE	SHELL PLC																979.7	987.2	e	e	a	NR
6" OIL PENGUINS DC2 - PENGUINS WELL A1	PIPELINE	SHELL PLC																979.7	987.2	e	e	a	NR
6" OIL PENGUINS DC2 - PENGUINS WELL A2	PIPELINE	SHELL PLC																979.7	987.2	e	e	a	NR
2" GAS LIFT PENGUINS DC2 - PENGUINS WELL A2	PIPELINE	SHELL PLC																979.7	987.2	e	e	a	NR
UMBILICAL DC2 UCS - DC2 MANIFOLD	UMBILICAL	SHELL PLC																979.7	987.2	e	e	d	NR
10" OIL DC6 MANIFOLD TOWHEAD - DC8 MIDLINE STRUCTURE	PIPELINE	SHELL PLC																979.7	987.2	e	e	d	NR

Offshore Stage 1 and Stage 2 In-Combination Effects Matrices
Industry: Oil and Gas Pipelines

	Not yet/no longer operational
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			2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033							2034	
30" CARRIER DC2 BUNDLE (S) DC6 MANIFOLD TOWHEAD - DC8 MIDLINE STRUCTURE	PIPELINE	SHELL PLC																979.7	987.2	e	e	d	nc
4" GAS LIFT DC6 MANIFOLD TOWHEAD - DC8 MIDLINE STRUCTURE	PIPELINE	SHELL PLC																979.7	987.2	e	e	d	nc
UMBILICAL DC6 MANIFOLD TOWHEAD - DC8 MIDLINE STRUCTURE	UMBILICAL	SHELL PLC																979.7	987.2	e	e	d	nc
UMBILICAL PENGUINS SCS2 - PENGUINS WELL A1	UMBILICAL	SHELL PLC																979.7	987.2	e	e	a	nc
UMBILICAL PENGUINS SCS2 - PENGUINS WELL A2	UMBILICAL	SHELL PLC																979.7	987.2	e	e	a	nc
6" OIL DC8 MIDLINE STRUCTURE - PAN-N WELL	PIPELINE	SHELL PLC																981.5	989.0	e	e	d	nc
UMBILICAL DC8 MIDLINE STRUCTURE - PAN-N WELL	UMBILICAL	SHELL PLC																981.5	989.0	e	e	d	nc
2" GAS LIFT DC8 MIDLINE STRUCTURE - PAN-N WELL	PIPELINE	SHELL PLC																981.5	989.0	e	e	d	nc
28" CARRIER DC2 BUNDLE (N) DC8 MIDLINE STRUCTURE - DC9 MANIFOLD TOWHEAD	PIPELINE	SHELL PLC																981.5	989.0	e	e	d	nc
8" OIL DC8 MIDLINE STRUCTURE - DC9 MANIFOLD TOWHEAD	PIPELINE	SHELL PLC																981.5	989.0	e	e	d	nc
UMBILICAL DC8 MIDLINE STRUCTURE - DC9 MANIFOLD TOWHEAD	UMBILICAL	SHELL PLC																981.5	989.0	e	e	d	nc
2" GAS LIFT DC9 MANIFOLD TOWHEAD - TYBALT WELL	PIPELINE	SHELL PLC																983.5	991.0	e	e	d	nc
UMBILICAL DC9 MANIFOLD TOWHEAD - TYBALT WELL	UMBILICAL	SHELL PLC																983.5	991.0	e	e	d	nc
6" OIL DC9 MANIFOLD TOWHEAD - TYBALT WELL	PIPELINE	SHELL PLC																983.5	991.0	e	e	d	nc

Offshore Stage 1 and Stage 2 In-Combination Effects Matrices
Industry: Oil and Gas Surface and Subsurface Infrastructure

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Name	Type	Group	Surface/subsurface	Status	Construction Period (orange outline denotes proposed development offshore construction period)														Distance to array area (km)	Distance to ECC (km)	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammal Ecology	Offshore and Intertidal Ornithology
					2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034						
TEE PROTECTION STRUCTURE	PROTECTION	GAS NETWORKS IRELAND	SUBSURFACE	ACTIVE															98.9	107.0	e	a	a	02
MILLOM WEST PLATFORM	PLATFORM	SPIRIT ENERGY	SURFACE	NOT IN USE															134.3	142.7	e	e	a	02
MILLOM WEST Q1 WELLHEAD	WELLHEAD	HARBOUR ENERGY PLC	SURFACE	ACTIVE															134.3	142.7	e	e	a	02
MILLOM WEST Q1 WELLHEAD	WELLHEAD	HARBOUR ENERGY PLC	SUBSURFACE	NOT IN USE															139.6	147.9	e	e	a	02
MILLOM WEST Q1 WELLHEAD PROTECTION STRUCTURE - Q1	PROTECTION	HARBOUR ENERGY PLC	SUBSURFACE	ACTIVE															139.6	147.9	e	e	a	02
MILLOM WEST Q1 WELLHEAD PROTECTION MANIFOLD	MANIFOLD	SPIRIT ENERGY	SUBSURFACE	ACTIVE															139.6	147.9	e	e	a	02
MILLOM WEST Q1 WELLHEAD PROTECTION WELLHEAD	WELLHEAD	HARBOUR ENERGY PLC	SUBSURFACE	ACTIVE															139.6	147.9	e	e	a	02
MILLOM WEST Q2 WELLHEAD PROTECTION STRUCTURE - Q2	PROTECTION	HARBOUR ENERGY PLC	SUBSURFACE	ACTIVE															139.7	148.0	e	e	a	02
MILLOM WEST Q2 WELLHEAD PROTECTION WELLHEAD	WELLHEAD	HARBOUR ENERGY PLC	SUBSURFACE	NOT IN USE															139.7	148.0	e	e	a	02
MILLOM WEST Q3 WELLHEAD PROTECTION STRUCTURE - Q3	PROTECTION	HARBOUR ENERGY PLC	SUBSURFACE	ACTIVE															139.8	148.1	e	e	a	02
MILLOM WEST Q3 WELLHEAD PROTECTION WELLHEAD	WELLHEAD	HARBOUR ENERGY PLC	SUBSURFACE	NOT IN USE															139.8	148.1	e	e	a	02
MILLOM WEST Q3 WELLHEAD PROTECTION STRUCTURE - R2	PROTECTION	HARBOUR ENERGY PLC	SUBSURFACE	ACTIVE															140.6	148.6	e	e	a	02
MILLOM WEST Q3 WELLHEAD PROTECTION WELLHEAD	WELLHEAD	HARBOUR ENERGY PLC	SUBSURFACE	NOT IN USE															140.6	148.6	e	e	a	02
MILLOM WEST Q3 WELLHEAD PROTECTION STRUCTURE - R1	PROTECTION	HARBOUR ENERGY PLC	SUBSURFACE	ACTIVE															140.8	148.9	e	e	a	02
MILLOM WEST Q3 WELLHEAD PROTECTION MANIFOLD	MANIFOLD	HARBOUR ENERGY PLC	SUBSURFACE	ACTIVE															140.9	148.9	e	e	a	02
MILLOM WEST Q3 WELLHEAD PROTECTION MANIFOLD	MANIFOLD	HARBOUR ENERGY PLC	SUBSURFACE	ACTIVE															140.9	148.9	e	e	a	02
MILLOM WEST Q3 WELLHEAD PROTECTION CONWY PLATFORM	PLATFORM	ENI UK Limited	SURFACE	ACTIVE															143.0	150.4	e	e	a	02
MILLOM WEST Q3 WELLHEAD PROTECTION CALDER PLATFORM	PLATFORM	HARBOUR ENERGY PLC	SURFACE	ACTIVE															143.9	151.5	e	e	a	02
MILLOM WEST Q3 WELLHEAD PROTECTION ROCK DUMP	ROCK DUMP	MUTUAL ENERGY LIMITED	SUBSURFACE	ACTIVE															144.5	151.6	e	e	a	02
MILLOM WEST Q3 WELLHEAD PROTECTION WELL 110/2A-7	WELLHEAD	SPIRIT ENERGY	SUBSURFACE	REMOVED															144.9	153.0	e	e	a	02
MILLOM WEST Q3 WELLHEAD PROTECTION NORTH MORCAMBE PLATFORM	PLATFORM	SPIRIT ENERGY	SURFACE	ACTIVE															145.0	153.2	e	e	a	02
MILLOM WEST Q3 WELLHEAD PROTECTION NORTH MORECAMBE DPPA	PLATFORM	SPIRIT ENERGY	SURFACE	ACTIVE															145.0	153.2	e	e	a	02
MILLOM WEST Q3 WELLHEAD PROTECTION WHITEHAVEN WELLHEAD 113/27b-9	WELLHEAD	SPIRIT ENERGY	SUBSURFACE	ACTIVE															145.1	153.5	e	e	a	02
MILLOM WEST Q3 WELLHEAD PROTECTION SNAGGING HAZARD - CONCRETE MATTRESS-KFB 07/2013 - AREA 5	PROTECTION	ENI UK Limited	SUBSURFACE	ACTIVE															145.9	153.4	e	e	a	02
MILLOM WEST Q3 WELLHEAD PROTECTION WELL 110/2A-12	WELLHEAD	SPIRIT ENERGY	SUBSURFACE	REMOVED															146.5	154.6	e	e	a	02
MILLOM WEST Q3 WELLHEAD PROTECTION DP8 PLATFORM	PLATFORM	SPIRIT ENERGY	SURFACE	ACTIVE															147.1	155.1	e	e	a	02
MILLOM WEST Q3 WELLHEAD PROTECTION SOUTH MORECAMBE DP8	PLATFORM	SPIRIT ENERGY	SURFACE	ACTIVE															147.1	155.1	e	e	a	02
MILLOM WEST Q3 WELLHEAD PROTECTION SOUTH MORECAMBE DP6	PLATFORM	SPIRIT ENERGY	SURFACE	ACTIVE															147.3	155.1	e	e	a	02
MILLOM WEST Q3 WELLHEAD PROTECTION DP6 PLATFORM	PLATFORM	SPIRIT ENERGY	SURFACE	ACTIVE															147.3	155.1	e	e	a	02
MILLOM WEST Q3 WELLHEAD PROTECTION RHYL NORTH WELLHEAD 113/27B-8	WELLHEAD	SPIRIT ENERGY	SUBSURFACE	ACTIVE															147.5	155.8	e	e	a	02
MILLOM WEST Q3 WELLHEAD PROTECTION RHYL SUBSEA WELL	WELLHEAD	SPIRIT ENERGY	SUBSURFACE	ACTIVE															147.5	155.8	e	e	a	02
MILLOM WEST Q3 WELLHEAD PROTECTION DOUGLAS 14 SSBV		ENI UK Limited	SUBSURFACE	ACTIVE															148.8	156.4	e	e	a	02
MILLOM WEST Q3 WELLHEAD PROTECTION WELL 110/3-3	WELLHEAD	SPIRIT ENERGY	SUBSURFACE	REMOVED															149.4	157.1	e	e	a	02
MILLOM WEST Q3 WELLHEAD PROTECTION SOUTH MORECAMBE AP1	PLATFORM	SPIRIT ENERGY	SURFACE	ACTIVE															149.4	157.1	e	e	a	02
MILLOM WEST Q3 WELLHEAD PROTECTION ACOMMODATION PLATFORM AP1	PLATFORM	SPIRIT ENERGY	SURFACE	ACTIVE															149.4	157.1	e	e	a	02
MILLOM WEST Q3 WELLHEAD PROTECTION SOUTH MORECAMBE CPP1	PLATFORM	SPIRIT ENERGY	SURFACE	ACTIVE															149.5	157.2	e	e	a	02
MILLOM WEST Q3 WELLHEAD PROTECTION CENTRAL PRODUCTION PLTFM CPP1	PLATFORM	SPIRIT ENERGY	SURFACE	ACTIVE															149.5	157.2	e	e	a	02

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Name	Type	Group	Surface/subsurface	Status	Construction Period (orange outline denotes proposed development offshore construction period)													Distance to array area (km)	Distance to ECC (km)	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammal Ecology	Offshore and Intertidal Ornithology		
					2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033							2034	
SOUTH MORECAMBE FL1	PLATFORM	SPIRIT ENERGY	SURFACE	ACTIVE															149.5	157.2	e	e	a	ja	ja
FLARE TRIPOD	PLATFORM	SPIRIT ENERGY	SURFACE	ACTIVE															149.5	157.2	e	e	a	ja	ja
SOUTH MORECAMBE DP1	PLATFORM	SPIRIT ENERGY	SURFACE	ACTIVE															149.6	157.3	e	e	a	ja	ja
DRILLING PLATFORM DP1	PLATFORM	SPIRIT ENERGY	SURFACE	ACTIVE															149.6	157.3	e	e	a	ja	ja
DOUGLAS DA	PLATFORM	ENI UK Limited	SURFACE	ACTIVE															149.7	157.3	e	e	a	ja	ja
DOUGLAS DP	PLATFORM	ENI UK Limited	SURFACE	ACTIVE															149.8	157.4	e	e	a	ja	ja
DOUGLAS DW	PLATFORM	ENI UK Limited	SURFACE	ACTIVE															149.9	157.5	e	e	a	ja	ja
OSI ANCHOR 7	ANCHOR	ENI UK Limited	SUBSURFACE	ACTIVE															150.3	157.6	e	e	a	ja	ja
OSI ANCHOR 8	ANCHOR	ENI UK Limited	SUBSURFACE	ACTIVE															150.4	157.7	e	e	a	ja	ja
OSI ANCHOR 9	ANCHOR	ENI UK Limited	SUBSURFACE	ACTIVE															150.5	157.8	e	e	a	ja	ja
SOUTH MORECAMBE DP3	PLATFORM	SPIRIT ENERGY	SURFACE	Abandoned															150.6	158.2	e	e	a	ja	ja
OSI ANCHOR 6	ANCHOR	ENI UK LIMITED	SUBSURFACE	ACTIVE															150.9	158.2	e	e	a	ja	ja
OSI ANCHOR 5	ANCHOR	ENI UK LIMITED	SUBSURFACE	ACTIVE															151.0	158.3	e	e	a	ja	ja
DP4 PLATFORM	PLATFORM	SPIRIT ENERGY	SURFACE	Abandoned				2											151.0	158.9	e	e	a	ja	ja
OSI ANCHOR 4	ANCHOR	ENI UK LIMITED	SUBSURFACE	ACTIVE															151.1	158.4	e	e	a	ja	ja
PLEM AT OSI	MANIFOLD	ENI UK LIMITED	SUBSURFACE	ACTIVE															151.3	158.6	e	e	a	ja	ja
OSI (OFFSHORE STORAGE INST.)	FPSO	ENI UK LIMITED	SURFACE	ACTIVE															151.3	158.6	e	e	a	ja	ja
OSI ANCHOR 1	ANCHOR	ENI UK LIMITED	SUBSURFACE	ACTIVE															152.5	159.8	e	e	a	ja	ja
OSI ANCHOR 2	ANCHOR	ENI UK LIMITED	SUBSURFACE	ACTIVE															152.5	159.8	e	e	a	ja	ja
OSI ANCHOR 3	ANCHOR	ENI UK LIMITED	SUBSURFACE	ACTIVE															152.6	159.9	e	e	a	ja	ja
HAMILTON NORTH	PLATFORM	ENI UK LIMITED	SURFACE	ACTIVE															155.8	163.2	e	e	a	ja	ja
BAINS WELL	WELLHEAD	HARBOUR ENERGY PLC	SUBSURFACE	ACTIVE															157.3	165.1	e	e	a	ja	ja
BAINS WELLHEAD PROTECTION STRUCTURE	PROTECTION	SPIRIT ENERGY	SUBSURFACE	REMOVED															157.3	165.1	e	e	a	ja	ja
HAMILTON	PLATFORM	ENI UK LIMITED	SURFACE	ACTIVE															157.7	165.2	e	e	a	ja	ja
HAMILTON EAST MANIFOLD	MANIFOLD	ENI UK LIMITED	SUBSURFACE	ACTIVE															159.8	167.2	e	e	a	ja	ja
DROPPED LADDER 1.5M X 50CM KFB:19/2018	LADDER	SEAFISH	SUBSURFACE	ACTIVE															169.4	177.2	e	e	a	ja	ja
LENNOX 16 SSBV	SUBSEA BARRIER	ENI UK LIMITED	SUBSURFACE	ACTIVE															175.7	183.1	e	e	a	ja	ja
LENNOX 14 SSBV	SUBSEA BARRIER	ENI UK LIMITED	SUBSURFACE	ACTIVE															175.7	183.1	e	e	a	ja	ja
LENNOX PLATFORM	PLATFORM	ENI UK LIMITED	SURFACE	ACTIVE															175.8	183.2	e	e	a	ja	ja
LENNOX 12 SSBV	SUBSEA BARRIER	ENI UK LIMITED	SUBSURFACE	ACTIVE															175.8	183.2	e	e	a	ja	ja
DREDGE PIPE KFB: 24/2016	DREGDE PIPE	SEAFISH	SUBSURFACE	ACTIVE															540.6	550.5	e	e	a	ja	ja
HEV MOORING LINE SURFACE BUOY	BUOY	HARBOUR ENERGY PLC	SURFACE	ACTIVE															711.3	717.7	e	e	a	ja	ja
SOLAN OFFLOADING BOUY	SUBSEA BUOY	HARBOUR ENERGY PLC	SUBSURFACE	ACTIVE															711.4	717.9	e	e	a	ja	ja
205/26A- 15	WELLHEAD	HARBOUR ENERGY PLC	SUBSURFACE	ACTIVE															711.7	718.1	e	e	a	ja	ja
SOLAN SOST	STORAGE TANK	HARBOUR ENERGY PLC	SUBSURFACE	ACTIVE															712.0	718.4	e	e	a	ja	ja
SOLAN	PLATFORM	HARBOUR ENERGY PLC	SURFACE	ACTIVE															712.1	718.5	e	e	a	ja	ja
205/26A- 7	WELLHEAD	HARBOUR ENERGY PLC	SUBSURFACE	ACTIVE															712.1	718.5	e	e	a	ja	ja
205/26A- 8 8Z AND 8Y	WELLHEAD	HARBOUR ENERGY PLC	SUBSURFACE	NOT IN USE															712.3	718.7	e	e	a	ja	ja
MOORING PILE AP5	ANCHOR PILE	HURRICANE ENERGY	SUBSURFACE	ACTIVE															724.9	731.4	e	e	a	ja	ja
MOORING PILE AP6	ANCHOR PILE	HURRICANE ENERGY	SUBSURFACE	ACTIVE															725.0	731.4	e	e	a	ja	ja
MOORING PILE AP7	ANCHOR PILE	HURRICANE ENERGY	SUBSURFACE	ACTIVE															725.0	731.4	e	e	a	ja	ja
MOORING PILE AP8	ANCHOR PILE	HURRICANE ENERGY	SUBSURFACE	ACTIVE															725.0	731.5	e	e	a	ja	ja
MOORING PILE AP4	ANCHOR PILE	HURRICANE ENERGY	SUBSURFACE	ACTIVE															725.9	732.3	e	e	a	ja	ja
MOORING PILE AP3	ANCHOR PILE	HURRICANE ENERGY	SUBSURFACE	ACTIVE															726.0	732.4	e	e	a	ja	ja
MOORING PILE AP2	ANCHOR PILE	HURRICANE ENERGY	SUBSURFACE	ACTIVE															726.0	732.5	e	e	a	ja	ja
TMS MOORING BUOY	SUBSEA BUOY	HURRICANE ENERGY	SUBSURFACE	ACTIVE															726.1	732.5	e	e	a	ja	ja
PLU4380 HANG OFF	OTHER SUBSEA	HURRICANE ENERGY	SUBSURFACE	ACTIVE															726.1	732.5	e	e	a	ja	ja
PL4376 HANG OFF	OTHER SUBSEA	HURRICANE ENERGY	SUBSURFACE	ACTIVE															726.1	732.5	e	e	a	ja	ja
PL4377 HANG OFF	OTHER SUBSEA	HURRICANE ENERGY	SUBSURFACE	ACTIVE															726.1	732.5	e	e	a	ja	ja
AOKA MIZU	FPSO	HURRICANE ENERGY	SURFACE	ACTIVE															726.1	732.5	e	e	a	ja	ja

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					2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033							2034
MOORING PILE AP1	ANCHOR PILE	HURRICANE ENERGY	SUBSURFACE	ACTIVE															726.1	732.5	e	e	a	
PLU4380 SAG BEND	OTHER SUBSEA	HURRICANE ENERGY	SUBSURFACE	ACTIVE															726.1	732.5	e	e	a	
PLU4380 LAST BUOYANCY MODULE	OTHER SUBSEA	HURRICANE ENERGY	SUBSURFACE	ACTIVE															726.1	732.6	e	e	a	
PL4377 SAG BEND	OTHER SUBSEA	HURRICANE ENERGY	SUBSURFACE	ACTIVE															726.1	732.6	e	e	a	
PL4376 SAG BEND	OTHER SUBSEA	HURRICANE ENERGY	SUBSURFACE	ACTIVE															726.1	732.6	e	e	a	
PLU4380 HOG BEND	OTHER SUBSEA	HURRICANE ENERGY	SUBSURFACE	ACTIVE															726.1	732.6	e	e	a	
PLU4380 1ST BUOYANCY MODULE	OTHER SUBSEA	HURRICANE ENERGY	SUBSURFACE	ACTIVE															726.1	732.6	e	e	a	
PLU4380 TETHER CLAMP	OTHER SUBSEA	HURRICANE ENERGY	SUBSURFACE	ACTIVE															726.2	732.6	e	e	a	
RISER TETHER BASE 3	RISER BASE	HURRICANE ENERGY	SUBSURFACE	ACTIVE															726.2	732.6	e	e	a	
PL4377 LAST BUOYANCY MODULE	OTHER SUBSEA	HURRICANE ENERGY	SUBSURFACE	ACTIVE															726.2	732.6	e	e	a	
PL4376 LAST BUOYANCY MODULE	OTHER SUBSEA	HURRICANE ENERGY	SUBSURFACE	ACTIVE															726.2	732.6	e	e	a	
PL4377 HOG BEND	OTHER SUBSEA	HURRICANE ENERGY	SUBSURFACE	ACTIVE															726.2	732.6	e	e	a	
PL4376 HOG BEND	OTHER SUBSEA	HURRICANE ENERGY	SUBSURFACE	ACTIVE															726.2	732.6	e	e	a	
PL4377 1ST BUOYANCY MODULE	OTHER SUBSEA	HURRICANE ENERGY	SUBSURFACE	ACTIVE															726.2	732.6	e	e	a	
PL4377 TETHER CLAMP	OTHER SUBSEA	HURRICANE ENERGY	SUBSURFACE	ACTIVE															726.2	732.6	e	e	a	
RISER TETHER BASE 2	RISER BASE	HURRICANE ENERGY	SUBSURFACE	ACTIVE															726.2	732.6	e	e	a	
PL4376 1ST BUOYANCY MODULE	OTHER SUBSEA	HURRICANE ENERGY	SUBSURFACE	ACTIVE															726.2	732.6	e	e	a	
PL4376 TETHER CLAMP	OTHER SUBSEA	HURRICANE ENERGY	SUBSURFACE	ACTIVE															726.2	732.7	e	e	a	
RISER TETHER BASE 1	RISER BASE	HURRICANE ENERGY	SUBSURFACE	ACTIVE															726.2	732.7	e	e	a	
MOORING PILE AP9	ANCHOR PILE	HURRICANE ENERGY	SUBSURFACE	ACTIVE															727.0	733.5	e	e	a	
MOORING PILE AP10	ANCHOR PILE	HURRICANE ENERGY	SUBSURFACE	ACTIVE															727.1	733.5	e	e	a	
MOORING PILE AP11	ANCHOR PILE	HURRICANE ENERGY	SUBSURFACE	ACTIVE															727.1	733.5	e	e	a	
MOORING PILE AP12	ANCHOR PILE	HURRICANE ENERGY	SUBSURFACE	ACTIVE															727.1	733.5	e	e	a	
PL4379 Well Jumper	OTHER SUBSEA	HURRICANE ENERGY	SUBSURFACE	ACTIVE															728.2	734.6	e	e	a	
LDC5-M MANIFOLD	MANIFOLD	HURRICANE ENERGY	SUBSURFACE	ACTIVE															728.2	734.7	e	e	a	
205/21A-7Z	WELLHEAD	HURRICANE ENERGY	SUBSURFACE	NOT IN USE															728.2	734.7	e	e	a	
205/21A-6	WELLHEAD	HURRICANE ENERGY	SUBSURFACE	ACTIVE															728.2	734.7	e	e	a	
LOST VERY LARGE TYRE- KFB 16/2014	OTHER SUBSEA	CNOOC International	SUBSURFACE	ACTIVE															728.7	735.8	e	e	a	
PICKUP POINT	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															735.2	741.5	e	e	a	
POINT :1894	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															735.2	741.5	e	e	a	
A6 :1901	ANCHOR	BP EXPLORATION	SUBSURFACE	ACTIVE															735.3	741.6	e	e	a	
A7 :1902	ANCHOR	BP EXPLORATION	SUBSURFACE	ACTIVE															735.5	741.8	e	e	a	
PLUM	MANIFOLD	BP EXPLORATION	SUBSURFACE	ACTIVE															735.8	742.1	e	e	a	
CDA 3	MANIFOLD	BP EXPLORATION	SUBSURFACE	ACTIVE															735.8	742.1	e	e	a	
204/25B- 6	WELLHEAD	BP EXPLORATION	SUBSURFACE	NOT IN USE															735.8	742.1	e	e	a	
FOINAVEN G INJ204/25B-6 :1134	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															735.8	742.1	e	e	a	
MANIFOLD M3	MANIFOLD	BP EXPLORATION	SUBSURFACE	ACTIVE															735.8	742.1	e	e	a	
CDA 2	MANIFOLD	BP EXPLORATION	SUBSURFACE	ACTIVE															735.8	742.2	e	e	a	
A5 :1900	ANCHOR	BP EXPLORATION	SUBSURFACE	ACTIVE															735.9	742.1	e	e	a	
FTA F7R	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	NOT IN USE															736.1	742.4	e	e	a	
FTA F7R2	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															736.1	742.4	e	e	a	
FTA F7	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	NOT IN USE															736.1	742.4	e	e	a	
FTA F1	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															736.2	742.4	e	e	a	
FTA F2	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															736.2	742.4	e	e	a	
FTA F3	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															736.2	742.4	e	e	a	
FTA F4	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															736.2	742.5	e	e	a	
FTA F6 :1129	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															736.3	742.5	e	e	a	
CSA 1/1	MANIFOLD	BP EXPLORATION	SUBSURFACE	ACTIVE															736.3	742.5	e	e	a	
PROTECTIVE STRUCTURE DC1 M1 :1130	PROTECTION	BP EXPLORATION	SUBSURFACE	ACTIVE															736.3	742.5	e	e	a	

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					2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032							2033	2034
PROTECTIVE STRUCTURE DC1 M1 :1131	PROTECTION	BP EXPLORATION	SUBSURFACE	ACTIVE															736.3	742.5	e	e	a	ja
FOINAVEN DC1204/24A :1132	MANIFOLD	BP EXPLORATION	SUBSURFACE	ACTIVE															736.3	742.5	e	e	a	ja
PROTECTIVE STRUCTURE DC1 M1 :1128	PROTECTION	BP EXPLORATION	SUBSURFACE	ACTIVE															736.3	742.5	e	e	a	ja
SUT 1R	MANIFOLD	BP EXPLORATION	SUBSURFACE	ACTIVE															736.3	742.6	e	e	a	ja
FTA F5	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															736.4	742.6	e	e	a	ja
A8 :1903	ANCHOR	BP EXPLORATION	SUBSURFACE	ACTIVE															736.4	742.6	e	e	a	ja
MANIFOLD M4	MANIFOLD	BP EXPLORATION	SUBSURFACE	ACTIVE															736.4	742.7	e	e	a	ja
CDA 1	MANIFOLD	BP EXPLORATION	SUBSURFACE	ACTIVE															736.4	742.7	e	e	a	ja
UTA U51	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	NOT IN USE															736.5	742.8	e	e	a	ja
UTA U52	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															736.5	742.8	e	e	a	ja
CSA 4/3	MANIFOLD	BP EXPLORATION	SUBSURFACE	ACTIVE															736.5	742.8	e	e	a	ja
CET 4/2	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															736.5	742.8	e	e	a	ja
FTA F17	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															736.9	743.1	e	e	a	ja
A4 :1899	ANCHOR	BP EXPLORATION	SUBSURFACE	ACTIVE															737.0	743.3	e	e	a	ja
HBW5	SEABED FASTENE	BP EXPLORATION	SUBSURFACE	ACTIVE															737.1	743.3	e	e	a	ja
FTA F11	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															737.1	743.3	e	e	a	ja
FTA F38R	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															737.1	743.4	e	e	a	ja
AS5	RISER BASE	BP EXPLORATION	SUBSURFACE	ACTIVE															737.1	743.4	e	e	a	ja
SUCTION PILE F48R	PILE	BP EXPLORATION	SUBSURFACE	ACTIVE															737.1	743.4	e	e	a	ja
CW5	RISER BASE	BP EXPLORATION	SUBSURFACE	ACTIVE															737.1	743.4	e	e	a	ja
HBW6	SEABED FASTENE	BP EXPLORATION	SUBSURFACE	ACTIVE															737.1	743.4	e	e	a	ja
FTA F12T	MANIFOLD	BP EXPLORATION	SUBSURFACE	NOT IN USE															737.1	743.4	e	e	a	ja
AS5A	RISER BASE	BP EXPLORATION	SUBSURFACE	ACTIVE															737.1	743.4	e	e	a	ja
M12	MANIFOLD	BP EXPLORATION	SUBSURFACE	ACTIVE															737.1	743.4	e	e	a	ja
AS6	RISER BASE	BP EXPLORATION	SUBSURFACE	ACTIVE															737.1	743.4	e	e	a	ja
FTA F12	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															737.1	743.4	e	e	a	ja
HBW4	SEABED FASTENE	BP EXPLORATION	SUBSURFACE	ACTIVE															737.1	743.4	e	e	a	ja
CW6	RISER BASE	BP EXPLORATION	SUBSURFACE	ACTIVE															737.1	743.4	e	e	a	ja
CLUMP WEIGHT M5	SEABED FASTENE	BP EXPLORATION	SUBSURFACE	ACTIVE															737.1	743.4	e	e	a	ja
HBW R7	SEABED FASTENE	BP EXPLORATION	SUBSURFACE	ACTIVE															737.1	743.4	e	e	a	ja
HBW7	SEABED FASTENE	BP EXPLORATION	SUBSURFACE	ACTIVE															737.1	743.4	e	e	a	ja
AS6A	RISER BASE	BP EXPLORATION	SUBSURFACE	ACTIVE															737.1	743.4	e	e	a	ja
AS4	RISER BASE	BP EXPLORATION	SUBSURFACE	ACTIVE															737.1	743.4	e	e	a	ja
AS7A	RISER BASE	BP EXPLORATION	SUBSURFACE	ACTIVE															737.2	743.4	e	e	a	ja
CW4	RISER BASE	BP EXPLORATION	SUBSURFACE	ACTIVE															737.2	743.4	e	e	a	ja
CW7	RISER BASE	BP EXPLORATION	SUBSURFACE	ACTIVE															737.2	743.4	e	e	a	ja
AS4A	RISER BASE	BP EXPLORATION	SUBSURFACE	ACTIVE															737.2	743.4	e	e	a	ja
M5	MANIFOLD	BP EXPLORATION	SUBSURFACE	ACTIVE															737.2	743.4	e	e	a	ja
AS7	RISER BASE	BP EXPLORATION	SUBSURFACE	ACTIVE															737.2	743.4	e	e	a	ja
FTA F13	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															737.2	743.4	e	e	a	ja
FTA F15	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	NOT IN USE															737.2	743.4	e	e	a	ja
FTA F38	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	NOT IN USE															737.2	743.4	e	e	a	ja
HBW14	SEABED FASTENE	BP EXPLORATION	SUBSURFACE	ACTIVE															737.2	743.4	e	e	a	ja
FTA F48R	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															737.2	743.5	e	e	a	ja
FTA F48	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	NOT IN USE															737.2	743.5	e	e	a	ja
HBW R14	SEABED FASTENE	BP EXPLORATION	SUBSURFACE	ACTIVE															737.2	743.5	e	e	a	ja
CW14	RISER BASE	BP EXPLORATION	SUBSURFACE	ACTIVE															737.2	743.5	e	e	a	ja
FTA F14	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															737.2	743.5	e	e	a	ja
AS14	RISER BASE	BP EXPLORATION	SUBSURFACE	ACTIVE															737.2	743.5	e	e	a	ja
AS14A	RISER BASE	BP EXPLORATION	SUBSURFACE	ACTIVE															737.2	743.5	e	e	a	ja
FTA F36	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	NOT IN USE															737.2	743.5	e	e	a	ja
HBW8	SEABED FASTENE	BP EXPLORATION	SUBSURFACE	ACTIVE															737.2	743.5	e	e	a	ja
AS8A	RISER BASE	BP EXPLORATION	SUBSURFACE	ACTIVE															737.2	743.5	e	e	a	ja
PROTECTIVE STRUCTURE PIPE PROTECTIVE UNI :1123	PROTECTION	BP EXPLORATION	SUBSURFACE	ACTIVE															737.2	743.5	e	e	a	ja

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Name	Type	Group	Surface/subsurface	Status	Construction Period (orange outline denotes proposed development offshore construction period)												Distance to array area (km)	Distance to ECC (km)	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammal Ecology	Offshore and Intertidal Ornithology		
					2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032							2033	2034
FTA F16	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															737.2	743.5	e	e	a	
CW8	RISER BASE	BP EXPLORATION	SUBSURFACE	ACTIVE															737.2	743.5	e	e	a	
AS8	RISER BASE	BP EXPLORATION	SUBSURFACE	ACTIVE															737.3	743.5	e	e	a	
PROTECTIVE STRUCTURE PIPE PROTECTION UNI :1121	PROTECTION	BP EXPLORATION	SUBSURFACE	ACTIVE															737.3	743.5	e	e	a	
FTA F61	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															737.3	743.6	e	e	a	
FTA F31	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															737.3	743.6	e	e	a	
EAST W1 WELL :1889	WELLHEAD	BP EXPLORATION	SUBSURFACE	ACTIVE															737.3	743.6	e	e	a	
UTA U42	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															737.3	743.6	e	e	a	
FOINAVEN FPSO	FPSO	BP EXPLORATION	SURFACE	ACTIVE															737.4	743.6	e	e	a	
FTA F58	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															737.4	743.6	e	e	a	
D7 SCRAP PIPE :1847	DEBRIS	BP EXPLORATION	SUBSURFACE	ACTIVE															737.5	743.7	e	e	a	
CW9	RISER BASE	BP EXPLORATION	SUBSURFACE	ACTIVE															737.5	743.8	e	e	a	
AS9A	RISER BASE	BP EXPLORATION	SUBSURFACE	ACTIVE															737.5	743.8	e	e	a	
AS9	RISER BASE	BP EXPLORATION	SUBSURFACE	ACTIVE															737.5	743.8	e	e	a	
RISER BASE R9 :1118	RISER BASE	BP EXPLORATION	SUBSURFACE	ACTIVE															737.5	743.8	e	e	a	
UTA U11	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															737.5	743.8	e	e	a	
HBW9	SEABED FASTENER	BP EXPLORATION	SUBSURFACE	ACTIVE															737.6	743.8	e	e	a	
CW3	RISER BASE	BP EXPLORATION	SUBSURFACE	ACTIVE															737.6	743.9	e	e	a	
CW12 (OLD)	RISER BASE	BP EXPLORATION	SUBSURFACE	ACTIVE															737.6	743.9	e	e	a	
R12 RGB (NEW)	RISER BASE	BP EXPLORATION	SUBSURFACE	ACTIVE															737.6	743.9	e	e	a	
CLUMP WEIGHT R2	SEABED FASTENER	BP EXPLORATION	SUBSURFACE	ACTIVE															737.6	743.9	e	e	a	
CW2	RISER BASE	BP EXPLORATION	SUBSURFACE	ACTIVE															737.7	743.9	e	e	a	
AS2	RISER BASE	BP EXPLORATION	SUBSURFACE	ACTIVE															737.7	743.9	e	e	a	
AS2A	RISER BASE	BP EXPLORATION	SUBSURFACE	ACTIVE															737.7	743.9	e	e	a	
A9 :1904	ANCHOR	BP EXPLORATION	SUBSURFACE	ACTIVE															737.7	743.9	e	e	a	
CLUMP WEIGHT R11	SEABED FASTENER	BP EXPLORATION	SUBSURFACE	ACTIVE															737.7	743.9	e	e	a	
CW11	RISER BASE	BP EXPLORATION	SUBSURFACE	ACTIVE															737.7	743.9	e	e	a	
AS11	RISER BASE	BP EXPLORATION	SUBSURFACE	ACTIVE															737.7	743.9	e	e	a	
AS10	RISER BASE	BP EXPLORATION	SUBSURFACE	ACTIVE															737.7	743.9	e	e	a	
AS11A	RISER BASE	BP EXPLORATION	SUBSURFACE	ACTIVE															737.7	743.9	e	e	a	
POST R15	PILE	BP EXPLORATION	SUBSURFACE	ACTIVE															737.7	743.9	e	e	a	
CW15	RISER BASE	BP EXPLORATION	SUBSURFACE	ACTIVE															737.7	743.9	e	e	a	
CLUMP WEIGHT R10	SEABED FASTENER	BP EXPLORATION	SUBSURFACE	ACTIVE															737.7	743.9	e	e	a	
AS15	RISER BASE	BP EXPLORATION	SUBSURFACE	ACTIVE															737.7	743.9	e	e	a	
CW10	RISER BASE	BP EXPLORATION	SUBSURFACE	ACTIVE															737.7	743.9	e	e	a	
DUTA D3	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															737.7	743.9	e	e	a	
AS15A	RISER BASE	BP EXPLORATION	SUBSURFACE	ACTIVE															737.7	743.9	e	e	a	
FTA F222	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															737.7	743.9	e	e	a	
AS10A	RISER BASE	BP EXPLORATION	SUBSURFACE	ACTIVE															737.7	743.9	e	e	a	
FTA F35	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	NOT IN USE															737.7	744.0	e	e	a	
HBW2	SEABED FASTENER	BP EXPLORATION	SUBSURFACE	ACTIVE															737.7	744.0	e	e	a	
CSA 4/2	MANIFOLD	BP EXPLORATION	SUBSURFACE	ACTIVE															737.7	744.0	e	e	a	
CET 4/1	MANIFOLD	BP EXPLORATION	SUBSURFACE	ACTIVE															737.7	744.0	e	e	a	
UTA U31	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	NOT IN USE															737.7	744.0	e	e	a	
FTA F32	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	NOT IN USE															737.7	744.0	e	e	a	
UTA U32	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															737.7	744.0	e	e	a	
FTA F34	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															737.7	744.0	e	e	a	
HBW11	SEABED FASTENER	BP EXPLORATION	SUBSURFACE	ACTIVE															737.7	744.0	e	e	a	
FTA F221	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															737.7	744.0	e	e	a	
R12 ANCHOR WEIGHT	SEABED FASTENER	BP EXPLORATION	SUBSURFACE	ACTIVE															737.7	744.0	e	e	a	
FTA F33	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															737.7	744.0	e	e	a	
HBW15	SEABED FASTENER	BP EXPLORATION	SUBSURFACE	ACTIVE															737.7	744.0	e	e	a	
HBW10	SEABED FASTENER	BP EXPLORATION	SUBSURFACE	ACTIVE															737.7	744.0	e	e	a	
POST R10	PILE	BP EXPLORATION	SUBSURFACE	ACTIVE															737.8	744.0	e	e	a	
HBW R10	SEABED FASTENER	BP EXPLORATION	SUBSURFACE	ACTIVE															737.8	744.0	e	e	a	
D6 MAIN ANCHOR OCEAN VALIANCE :1846	ANCHOR	BP EXPLORATION	SUBSURFACE	NOT IN USE															738.3	744.6	e	e	a	

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Construction Period (orange outline denotes proposed development offshore construction period)

Name	Type	Group	Surface/subsurface	Status	Construction Period (orange outline denotes proposed development offshore construction period)													Distance to array area (km)	Distance to ECC (km)	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammal Ecology	Offshore and Intertidal Ornithology	
					2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033							2034
A3 :1898	ANCHOR	BP EXPLORATION	SUBSURFACE	ACTIVE															738.3	744.6	e	e	a	
FTA F28	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															738.8	745.0	e	e	a	
FTA F59	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															738.8	745.1	e	e	a	
A10 :1905	ANCHOR	BP EXPLORATION	SUBSURFACE	ACTIVE															738.8	745.1	e	e	a	
FTA F36R	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	NOT IN USE															738.8	745.1	e	e	a	
A2 :1897	ANCHOR	BP EXPLORATION	SUBSURFACE	ACTIVE															739.2	745.5	e	e	a	
LOST ANCHOR :1882	ANCHOR	BP EXPLORATION	SUBSURFACE	NOT IN USE															739.4	745.6	e	e	a	
A1 :1896	ANCHOR	BP EXPLORATION	SUBSURFACE	ACTIVE															739.4	745.6	e	e	a	
GAS DISPOSAL WELL :1911	WELLHEAD	BP EXPLORATION	SUBSURFACE	ACTIVE															739.6	745.9	e	e	a	
UET :1657	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															739.7	746.0	e	e	a	
204/20-W16	WELLHEAD	BP EXPLORATION	SUBSURFACE	Abandoned															740.5	746.9	e	e	a	
M125	MANIFOLD	BP EXPLORATION	SUBSURFACE	ACTIVE															740.5	746.9	e	e	a	
204/20-W20	WELLHEAD	BP EXPLORATION	SUBSURFACE	ACTIVE															740.6	746.9	e	e	a	
C37	MANIFOLD	BP EXPLORATION	SUBSURFACE	ACTIVE															740.6	746.9	e	e	a	
FTA F22	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	NOT IN USE															740.6	746.8	e	e	a	
FTA F23	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															740.6	746.8	e	e	a	
FTA F24R	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															740.6	746.8	e	e	a	
FTA F125	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															740.6	746.9	e	e	a	
FTA F211	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															740.6	746.8	e	e	a	
FTA F212	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															740.6	746.8	e	e	a	
204/20-W18Z	WELLHEAD	BP EXPLORATION	SUBSURFACE	ACTIVE															740.6	746.9	e	e	a	
FTA F21	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															740.6	746.9	e	e	a	
FTA F25	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	NOT IN USE															740.6	746.9	e	e	a	
PROTECTIVE STRUCTURE DC2 M2 :1127	PROTECTION	BP EXPLORATION	SUBSURFACE	ACTIVE															740.6	746.9	e	e	a	
204/20-W21	WELLHEAD	BP EXPLORATION	SUBSURFACE	ACTIVE															740.6	746.9	e	e	a	
FOINAVEN DC2A204/19A :1133	MANIFOLD	BP EXPLORATION	SUBSURFACE	ACTIVE															740.6	746.9	e	e	a	
M24	MANIFOLD	BP EXPLORATION	SUBSURFACE	ACTIVE															740.6	746.9	e	e	a	
PROTECTIVE STRUCTURE DC2 M2 :1126	PROTECTION	BP EXPLORATION	SUBSURFACE	ACTIVE															740.6	746.9	e	e	a	
PROTECTIVE STRUCTURE DC2 M2 :1125	PROTECTION	BP EXPLORATION	SUBSURFACE	ACTIVE															740.6	746.9	e	e	a	
CSA 2/2	MANIFOLD	BP EXPLORATION	SUBSURFACE	ACTIVE															740.6	746.9	e	e	a	
204/20-W19Z	WELLHEAD	BP EXPLORATION	SUBSURFACE	ACTIVE															740.6	746.9	e	e	a	
C25	MANIFOLD	BP EXPLORATION	SUBSURFACE	ACTIVE															740.6	747.0	e	e	a	
UTA U23	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															740.6	747.0	e	e	a	
204/20-W17	WELLHEAD	BP EXPLORATION	SUBSURFACE	ACTIVE															740.6	747.0	e	e	a	
UET U21	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	NOT IN USE															740.6	747.0	e	e	a	
C21R	MANIFOLD	BP EXPLORATION	SUBSURFACE	ACTIVE															740.6	747.0	e	e	a	
M21	MANIFOLD	BP EXPLORATION	SUBSURFACE	ACTIVE															740.6	747.0	e	e	a	
C21	MANIFOLD	BP EXPLORATION	SUBSURFACE	NOT IN USE															740.6	747.0	e	e	a	
SUT 2R	MANIFOLD	BP EXPLORATION	SUBSURFACE	ACTIVE															740.6	746.9	e	e	a	
FTA F23 :1604	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															740.7	747.0	e	e	a	
UTA U22	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															740.7	746.9	e	e	a	
204/20-W01	TEMPLATE	BP EXPLORATION	SUBSURFACE	ACTIVE															740.7	747.0	e	e	a	
UTA U30 :1592	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															740.7	747.0	e	e	a	
C24	MANIFOLD	BP EXPLORATION	SUBSURFACE	ACTIVE															740.7	747.0	e	e	a	
CSA 2/1	MANIFOLD	BP EXPLORATION	SUBSURFACE	ACTIVE															740.7	746.9	e	e	a	
UTA U23	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	NOT IN USE															740.7	746.9	e	e	a	
M25	MANIFOLD	BP EXPLORATION	SUBSURFACE	ACTIVE															740.7	747.0	e	e	a	
F23R	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															740.7	747.0	e	e	a	
C22	MANIFOLD	BP EXPLORATION	SUBSURFACE	ACTIVE															740.7	747.0	e	e	a	
F24	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															740.7	747.0	e	e	a	
FTA F29	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															740.7	747.0	e	e	a	
F25	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															740.7	747.0	e	e	a	
M22A (DP52)	MANIFOLD	BP EXPLORATION	SUBSURFACE	ACTIVE															740.7	747.0	e	e	a	
F24R	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															740.7	747.0	e	e	a	

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					2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034						
F29	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															740.7	747.0	e	e	a	
FTA F26	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	NOT IN USE															740.7	747.0	e	e	a	
M22	MANIFOLD	BP EXPLORATION	SUBSURFACE	ACTIVE															740.7	747.0	e	e	a	
FTA F27	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	NOT IN USE															740.7	747.0	e	e	a	
F26	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															740.7	747.1	e	e	a	
FTA F47	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	NOT IN USE															740.7	747.0	e	e	a	
F27R	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															740.8	747.1	e	e	a	
UTA U33	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	NOT IN USE															740.8	747.0	e	e	a	
F27	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															740.8	747.2	e	e	a	
PL 1427 IN VIEW :1609	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															741.0	747.3	e	e	a	
204/20-C25	TEMPLATE	BP EXPLORATION	SUBSURFACE	ACTIVE															741.4	747.7	e	e	a	
204/20-C26	TEMPLATE	BP EXPLORATION	SUBSURFACE	ACTIVE															741.4	747.7	e	e	a	
C27	MANIFOLD	BP EXPLORATION	SUBSURFACE	ACTIVE															741.4	747.8	e	e	a	
204/20-C24	TEMPLATE	BP EXPLORATION	SUBSURFACE	ACTIVE															741.4	747.8	e	e	a	
C33	MANIFOLD	BP EXPLORATION	SUBSURFACE	ACTIVE															741.4	747.8	e	e	a	
M2A	MANIFOLD	BP EXPLORATION	SUBSURFACE	ACTIVE															741.4	747.8	e	e	a	
204/20-C27	WELLHEAD	BP EXPLORATION	SUBSURFACE	ACTIVE															741.4	747.8	e	e	a	
M2	MANIFOLD	BP EXPLORATION	SUBSURFACE	ACTIVE															741.5	747.8	e	e	a	
M1X	MANIFOLD	BP EXPLORATION	SUBSURFACE	ACTIVE															741.5	747.8	e	e	a	
SCHIEHALLION SP1 SUBSEA PUMP	MANIFOLD	BP EXPLORATION	SUBSURFACE	NOT IN USE															741.5	747.8	e	e	a	
M1D	MANIFOLD	BP EXPLORATION	SUBSURFACE	NOT IN USE															741.5	747.8	e	e	a	
204/20-C32	TEMPLATE	BP EXPLORATION	SUBSURFACE	ACTIVE															741.5	747.8	e	e	a	
UTA U12	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	NOT IN USE															741.5	747.8	e	e	a	
M1A	MANIFOLD	BP EXPLORATION	SUBSURFACE	ACTIVE															741.5	747.8	e	e	a	
UTA U33	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															741.5	747.8	e	e	a	
FTA-F81	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															741.5	747.8	e	e	a	
C1PR	MANIFOLD	BP EXPLORATION	SUBSURFACE	ACTIVE															741.5	747.8	e	e	a	
C35	MANIFOLD	BP EXPLORATION	SUBSURFACE	ACTIVE															741.5	747.8	e	e	a	
-FTA F5 :1642	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															741.5	747.9	e	e	a	
M1	MANIFOLD	BP EXPLORATION	SUBSURFACE	ACTIVE															741.5	747.9	e	e	a	
-F4 TERMINATION :1649	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															741.5	747.9	e	e	a	
-FTA F6 :1628	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															741.5	747.9	e	e	a	
F4	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															741.5	747.9	e	e	a	
F5R	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															741.5	747.9	e	e	a	
FTA-F82	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															741.5	747.9	e	e	a	
204/20-C05	TEMPLATE	BP EXPLORATION	SUBSURFACE	ACTIVE															741.5	747.9	e	e	a	
C34	MANIFOLD	BP EXPLORATION	SUBSURFACE	ACTIVE															741.5	747.9	e	e	a	
F4R	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															741.5	747.9	e	e	a	
M8	MANIFOLD	BP EXPLORATION	SUBSURFACE	ACTIVE															741.5	747.9	e	e	a	
M1C	MANIFOLD	BP EXPLORATION	SUBSURFACE	ACTIVE															741.5	747.9	e	e	a	
M1F	MANIFOLD	BP EXPLORATION	SUBSURFACE	ACTIVE															741.5	747.9	e	e	a	
M1B	MANIFOLD	BP EXPLORATION	SUBSURFACE	ACTIVE															741.6	747.9	e	e	a	
SCHIEHALLION SP2 SUBSEA PUMP	MANIFOLD	BP EXPLORATION	SUBSURFACE	NOT IN USE															741.6	747.9	e	e	a	
F18	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															741.6	747.9	e	e	a	
F9	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															741.6	747.9	e	e	a	
-F3 TERMINATION :1646	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															741.6	747.9	e	e	a	
M1J	MANIFOLD	BP EXPLORATION	SUBSURFACE	ACTIVE															741.6	747.9	e	e	a	
F3R	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															741.6	747.9	e	e	a	
-FTA F2 :1638	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															741.6	747.9	e	e	a	
F1 TERMINATION :1653	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															741.6	747.9	e	e	a	
UTA U15	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	NOT IN USE															741.6	747.9	e	e	a	
F2R	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															741.6	748.0	e	e	a	
UTA U10	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	NOT IN USE															741.6	748.0	e	e	a	
F7	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															741.6	748.0	e	e	a	
204/20-C29	TEMPLATE	BP EXPLORATION	SUBSURFACE	ACTIVE															741.7	748.0	e	e	a	
204/20-C28	TEMPLATE	BP EXPLORATION	SUBSURFACE	ACTIVE															741.7	748.1	e	e	a	

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Name	Type	Group	Surface/subsurface	Status	Construction Period (orange outline denotes proposed development offshore construction period)														Distance to array area (km)	Distance to ECC (km)	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammal Ecology	Offshore and Intertidal Ornithology
					2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034						
204/20-C30	WELLHEAD	BP EXPLORATION	SUBSURFACE	ACTIVE															741.8	748.1	e	e	a	
204/20-C31	TEMPLATE	BP EXPLORATION	SUBSURFACE	ACTIVE															741.8	748.1	e	e	a	
ANCHOR 10	ANCHOR	BP EXPLORATION	SUBSURFACE	ACTIVE															742.0	748.4	e	e	a	
ANCHOR 9	ANCHOR	BP EXPLORATION	SUBSURFACE	ACTIVE															742.1	748.4	e	e	a	
ANCHOR 8	ANCHOR	BP EXPLORATION	SUBSURFACE	ACTIVE															742.1	748.4	e	e	a	
A6 :1917	ANCHOR	BP EXPLORATION	SUBSURFACE	NOT IN USE															742.1	748.4	e	e	a	
ANCHOR 7	ANCHOR	BP EXPLORATION	SUBSURFACE	ACTIVE															742.1	748.5	e	e	a	
ANCHOR 6	ANCHOR	BP EXPLORATION	SUBSURFACE	ACTIVE															742.1	748.5	e	e	a	
A5 :1916	ANCHOR	BP EXPLORATION	SUBSURFACE	NOT IN USE															742.2	748.5	e	e	a	
A4 :1915	ANCHOR	BP EXPLORATION	SUBSURFACE	NOT IN USE															742.2	748.6	e	e	a	
A7 :1918	ANCHOR	BP EXPLORATION	SUBSURFACE	NOT IN USE															742.5	748.8	e	e	a	
ANCHOR 11	ANCHOR	BP EXPLORATION	SUBSURFACE	ACTIVE															742.5	748.9	e	e	a	
ANCHOR 12	ANCHOR	BP EXPLORATION	SUBSURFACE	ACTIVE															742.6	748.9	e	e	a	
A8 :1919	ANCHOR	BP EXPLORATION	SUBSURFACE	NOT IN USE															742.6	749.0	e	e	a	
ANCHOR 13	ANCHOR	BP EXPLORATION	SUBSURFACE	ACTIVE															742.6	749.0	e	e	a	
ANCHOR 14	ANCHOR	BP EXPLORATION	SUBSURFACE	ACTIVE															742.7	749.0	e	e	a	
A9 :1920	ANCHOR	BP EXPLORATION	SUBSURFACE	NOT IN USE															742.7	749.1	e	e	a	
ANCHOR 15	ANCHOR	BP EXPLORATION	SUBSURFACE	ACTIVE															742.8	749.1	e	e	a	
A10 :1921	ANCHOR	BP EXPLORATION	SUBSURFACE	NOT IN USE															742.9	749.2	e	e	a	
UET-U13	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															743.0	749.3	e	e	a	
UET-U27	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															743.0	749.4	e	e	a	
DUTA-D30	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															743.0	749.4	e	e	a	
UET-U32	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															743.0	749.4	e	e	a	
UET-U133	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															743.1	749.4	e	e	a	
ALLIGIN UMBILICAL UTA U100 AT DUTA D30	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															743.1	749.4	e	e	a	
F37	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															743.1	749.5	e	e	a	
FTA F19	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															743.1	749.5	e	e	a	
F37R	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															743.2	749.5	e	e	a	
FTA F8	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															743.2	749.5	e	e	a	
FTA F135	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															743.2	749.6	e	e	a	
F33R	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															743.2	749.6	e	e	a	
F34R	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															743.2	749.6	e	e	a	
F34	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															743.2	749.6	e	e	a	
M31	MANIFOLD	BP EXPLORATION	SUBSURFACE	ACTIVE															743.2	749.6	e	e	a	
F38	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															743.2	749.6	e	e	a	
F31	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															743.3	749.6	e	e	a	
RT37	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															743.3	749.6	e	e	a	
F33	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															743.3	749.6	e	e	a	
RT19	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															743.3	749.6	e	e	a	
-START OF RISER (APPROX. 1M ABOVE SEABED :1608	RISER BASE	BP EXPLORATION	SUBSURFACE	ACTIVE															743.3	749.6	e	e	a	
RT38	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															743.3	749.7	e	e	a	
-START OF RISER (APPROX. 1M ABOVE SEABED :1624	RISER BASE	BP EXPLORATION	SUBSURFACE	ACTIVE															743.3	749.7	e	e	a	
FTA F15R	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															743.3	749.7	e	e	a	
-START OF RISER (APPROX. 1M ABOVE SEABED :1606	RISER BASE	BP EXPLORATION	SUBSURFACE	ACTIVE															743.3	749.7	e	e	a	
FTA F15 :1643	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															743.3	749.7	e	e	a	
FTA F14R	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															743.3	749.7	e	e	a	
UET U31 :1594	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															743.4	749.7	e	e	a	
UET U60	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															743.4	749.7	e	e	a	
UNKNOWN	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	NOT IN USE															743.4	749.7	e	e	a	
FTA F16_	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															743.4	749.7	e	e	a	
FTA F14 :1651	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															743.4	749.7	e	e	a	
FTA F13R	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															743.4	749.7	e	e	a	
U60R	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															743.4	749.7	e	e	a	
FTA F13 :1647	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															743.4	749.8	e	e	a	

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					2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033							2034
M132	MANIFOLD	BP EXPLORATION	SUBSURFACE	ACTIVE															743.4	749.8	e	e	a	
FTA F12 :1639	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															743.5	749.8	e	e	a	
F12R	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															743.5	749.8	e	e	a	
U61R	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															743.5	749.8	e	e	a	
UTA 61 :1663	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															743.5	749.8	e	e	a	
FTA F134	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															743.5	749.9	e	e	a	
UET UET U70 :1635	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															743.5	749.9	e	e	a	
RT17	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															743.5	749.9	e	e	a	
UET U11 :1630	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															743.6	749.9	e	e	a	
PROTECTIVE STRUCTURE D1 :1631	PROTECTION	BP EXPLORATION	SUBSURFACE	ACTIVE															743.6	749.9	e	e	a	
FTA F17	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															743.6	749.9	e	e	a	
GLEN LYON	FPSO	BP EXPLORATION	SURFACE	ACTIVE															743.6	749.9	e	e	a	
FTA F35	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															743.6	750.0	e	e	a	
RT133	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															743.7	750.0	e	e	a	
RT132	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															743.7	750.0	e	e	a	
FTA F11 :1656	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															743.7	750.0	e	e	a	
FTA IDENT NO: F51 :1618	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															743.7	750.1	e	e	a	
UET 71 :1666	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															743.7	750.1	e	e	a	
SCHIEHALLION M134 MANIFOLD	MANIFOLD	BP EXPLORATION	SUBSURFACE	ACTIVE															743.8	750.1	e	e	a	
FTA F133	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															743.8	750.1	e	e	a	
-START OF RISER (APPROX. 1M ABOVE SEABED) :1601	RISER BASE	BP EXPLORATION	SUBSURFACE	ACTIVE															743.8	750.1	e	e	a	
FTA F132R	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															743.8	750.1	e	e	a	
FTA F132	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															743.8	750.1	e	e	a	
-START OF RISER (APPROX. 1M ABOVE SEABED) :1598	RISER BASE	BP EXPLORATION	SUBSURFACE	ACTIVE															743.8	750.2	e	e	a	
ENGINEERING FEATURE																								
FTA F71 :1600	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															743.8	750.2	e	e	a	
FTA F36	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															743.9	750.2	e	e	a	
M71	MANIFOLD	BP EXPLORATION	SUBSURFACE	ACTIVE															743.9	750.2	e	e	a	
UET U51 :1596	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															743.9	750.2	e	e	a	
F52	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															743.9	750.2	e	e	a	
M32	MANIFOLD	BP EXPLORATION	SUBSURFACE	ACTIVE															743.9	750.2	e	e	a	
F53	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															743.9	750.3	e	e	a	
RT54	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															743.9	750.3	e	e	a	
F52R	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															743.9	750.3	e	e	a	
F131	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															743.9	750.3	e	e	a	
F54	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															744.0	750.3	e	e	a	
F53R	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															744.0	750.3	e	e	a	
ALLIGIN UMBILICAL																								
UTA U102	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															744.2	750.4	e	e	a	
204/20A-A2	TEMPLATE	BP EXPLORATION	SUBSURFACE	ACTIVE															744.2	750.5	e	e	a	
204/20A-A1	TEMPLATE	BP EXPLORATION	SUBSURFACE	ACTIVE															744.2	750.5	e	e	a	
ALLIGIN PLEM F101	MANIFOLD	BP EXPLORATION	SUBSURFACE	ACTIVE															744.3	750.6	e	e	a	
A3 :1914	ANCHOR	BP EXPLORATION	SUBSURFACE	NOT IN USE															744.3	750.7	e	e	a	
ANCHOR 5	ANCHOR	BP EXPLORATION	SUBSURFACE	ACTIVE															744.4	750.7	e	e	a	
ANCHOR 4	ANCHOR	BP EXPLORATION	SUBSURFACE	ACTIVE															744.4	750.8	e	e	a	
A2 :1913	ANCHOR	BP EXPLORATION	SUBSURFACE	NOT IN USE															744.5	750.8	e	e	a	
ANCHOR 3	ANCHOR	BP EXPLORATION	SUBSURFACE	ACTIVE															744.5	750.9	e	e	a	
ANCHOR 2	ANCHOR	BP EXPLORATION	SUBSURFACE	ACTIVE															744.5	750.9	e	e	a	
A1 :1912	ANCHOR	BP EXPLORATION	SUBSURFACE	NOT IN USE															744.6	750.9	e	e	a	
ANCHOR 1	ANCHOR	BP EXPLORATION	SUBSURFACE	ACTIVE															744.6	750.9	e	e	a	
UET-U24	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															744.6	751.0	e	e	a	
DUTA-D40	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															744.6	751.0	e	e	a	
UET-10396	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															744.7	751.0	e	e	a	
UET-U19	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															744.7	751.0	e	e	a	

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					2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034						
UEJ-14393	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															744.7	751.0	e	e	a	
A11 :1922	ANCHOR	BP EXPLORATION	SUBSURFACE	NOT IN USE															744.8	751.1	e	e	a	
A12 :1923	ANCHOR	BP EXPLORATION	SUBSURFACE	NOT IN USE															744.9	751.2	e	e	a	
ANCHOR 16	ANCHOR	BP EXPLORATION	SUBSURFACE	ACTIVE															745.0	751.3	e	e	a	
A13 :1924	ANCHOR	BP EXPLORATION	SUBSURFACE	NOT IN USE															745.0	751.3	e	e	a	
ANCHOR 17	ANCHOR	BP EXPLORATION	SUBSURFACE	ACTIVE															745.0	751.3	e	e	a	
ANCHOR 18	ANCHOR	BP EXPLORATION	SUBSURFACE	ACTIVE															745.0	751.4	e	e	a	
A14 :1925	ANCHOR	BP EXPLORATION	SUBSURFACE	NOT IN USE															745.1	751.4	e	e	a	
ANCHOR 19	ANCHOR	BP EXPLORATION	SUBSURFACE	ACTIVE															745.1	751.4	e	e	a	
ANCHOR 20	ANCHOR	BP EXPLORATION	SUBSURFACE	ACTIVE															745.1	751.4	e	e	a	
204/20-N4	WELLHEAD	BP EXPLORATION	SUBSURFACE	ACTIVE															745.3	751.6	e	e	a	
FTA-F61	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															745.3	751.7	e	e	a	
M61	MANIFOLD	BP EXPLORATION	SUBSURFACE	ACTIVE															745.3	751.7	e	e	a	
UET-U17	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															745.3	751.7	e	e	a	
FTA-F65	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															745.3	751.7	e	e	a	
UET-U50	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															745.4	751.7	e	e	a	
-UET U41 :1595	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															745.4	751.7	e	e	a	
UTA/FTA	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															745.9	752.2	e	e	a	
F122	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															745.9	752.3	e	e	a	
F123	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															745.9	752.3	e	e	a	
F122R	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															745.9	752.3	e	e	a	
F121	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															745.9	752.3	e	e	a	
C121	MANIFOLD	BP EXPLORATION	SUBSURFACE	ACTIVE															746.0	752.3	e	e	a	
204/20A-F4	WELLHEAD	BP EXPLORATION	SUBSURFACE	ACTIVE															746.0	752.3	e	e	a	
SCHIEHALLION M121	MANIFOLD	BP EXPLORATION	SUBSURFACE	ACTIVE															746.0	752.3	e	e	a	
F124	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															746.0	752.3	e	e	a	
C122R	MANIFOLD	BP EXPLORATION	SUBSURFACE	ACTIVE															746.0	752.4	e	e	a	
204/20A-F05	TEMPLATE	BP EXPLORATION	SUBSURFACE	ACTIVE															746.1	752.4	e	e	a	
C122	MANIFOLD	BP EXPLORATION	SUBSURFACE	NOT IN USE															746.1	752.4	e	e	a	
M122	MANIFOLD	BP EXPLORATION	SUBSURFACE	ACTIVE															746.1	752.4	e	e	a	
FTA-F43R	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															749.6	756.0	e	e	a	
F45	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															749.6	756.0	e	e	a	
ENGINEERING FEATURE																								
FTA45 :1611	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															749.6	756.0	e	e	a	
FTA-F42R	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															749.7	756.0	e	e	a	
FTA-F43	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															749.7	756.0	e	e	a	
-FTA F43 :1614	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															749.7	756.0	e	e	a	
-FTA F41 :1617	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															749.7	756.0	e	e	a	
204/20-L13	TEMPLATE	BP EXPLORATION	SUBSURFACE	ACTIVE															749.7	756.0	e	e	a	
FTA F42	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	NOT IN USE															749.7	756.0	e	e	a	
M42	MANIFOLD	BP EXPLORATION	SUBSURFACE	ACTIVE															749.7	756.0	e	e	a	
UET-U14	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															749.7	756.0	e	e	a	
FTA M42 M41 :1612	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															749.7	756.0	e	e	a	
UTA40	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	NOT IN USE															749.7	756.0	e	e	a	
204/20-L01	TEMPLATE	BP EXPLORATION	SUBSURFACE	ACTIVE															749.7	756.0	e	e	a	
M41	MANIFOLD	BP EXPLORATION	SUBSURFACE	ACTIVE															749.7	756.0	e	e	a	
204/20-L11	WELLHEAD	BP EXPLORATION	SUBSURFACE	ABANDONED															749.7	756.0	e	e	a	
FTA-F44	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															749.7	756.0	e	e	a	
M44	MANIFOLD	BP EXPLORATION	SUBSURFACE	ACTIVE															749.7	756.1	e	e	a	
M43	MANIFOLD	BP EXPLORATION	SUBSURFACE	ACTIVE															749.7	756.1	e	e	a	
204/20-L9	WELLHEAD	BP EXPLORATION	SUBSURFACE	ABANDONED															749.7	756.1	e	e	a	
M45	MANIFOLD	BP EXPLORATION	SUBSURFACE	ACTIVE															749.7	756.1	e	e	a	
C38	MANIFOLD	BP EXPLORATION	SUBSURFACE	ACTIVE															749.7	756.1	e	e	a	
C31	MANIFOLD	BP EXPLORATION	SUBSURFACE	ACTIVE															749.7	756.1	e	e	a	
204/20-L12	TEMPLATE	BP EXPLORATION	SUBSURFACE	ACTIVE															749.8	756.1	e	e	a	
ALLIGIN PLET F111	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															749.8	756.1	e	e	a	
204/20-L10	WELLHEAD	BP EXPLORATION	SUBSURFACE	ABANDONED															749.8	756.1	e	e	a	
LOYAL MANIFOLD M46	MANIFOLD	BP EXPLORATION	SUBSURFACE	ACTIVE															749.8	756.1	e	e	a	

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Name	Type	Group	Surface/subsurface	Status	Construction Period (orange outline denotes proposed development offshore construction period)													Distance to array area (km)	Distance to ECC (km)	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammal Ecology	Offshore and Intertidal Ornithology	
					2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033							2034
LOST / BROKEN ANCHOR	ANCHOR	BP EXPLORATION	SUBSURFACE	NOT IN USE															750.1	756.4	e	e	a	
204/14-1	WELLHEAD	SICCAR POINT ENERGY	SUBSURFACE	NOT IN USE															758.3	764.5	e	e	a	
SEABED HAZARD STAINLESS STEEL GRAB: KFB 14/2015	OBSTRUCTION	CNOOC INTERNATIONAL	SUBSURFACE	ACTIVE															780.2	786.9	e	e	a	
WOSPS TIE-IN ASSEMBLY	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															791.1	797.9	e	e	a	
WOSPS TIE-IN STRUCTURE	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															791.1	798.0	e	e	a	
CLAIR RIDGE WOSPS TIE IN	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															791.1	798.0	e	e	a	
204/10A-5,-5Z,-5Y	WELLHEAD	SICCAR POINT ENERGY	SUBSURFACE	NOT IN USE															793.7	799.9	e	e	a	
TOMINTOUL DEBRIS ITEM	DEBRIS	TOTALENERGIES UPSTREA	SUBSURFACE	NOT IN USE															795.8	802.3	e	e	a	
206/9B-5	WELLHEAD	BP EXPLORATION	SUBSURFACE	REMOVED															798.1	804.9	e	e	a	
CLAIR PHASE 1 SSV	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															798.2	805.0	e	e	a	
CLAIR	PLATFORM	BP EXPLORATION	SURFACE	ACTIVE															798.3	805.1	e	e	a	
CLAIR RIDGE SSV	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															798.3	805.1	e	e	a	
ROCK BAG	PROTECTION	TAQA EUROPA B.V.	SUBSURFACE	ACTIVE															798.9	806.1	e	e	a	
CLAIR RIDGE QU	PLATFORM	BP EXPLORATION	SURFACE	ACTIVE															803.7	810.5	e	e	a	
CLAIR RIDGE TOWHEAD	TOWHEAD	BP EXPLORATION	SUBSURFACE	ACTIVE															803.7	810.5	e	e	a	
CLAIR RIDGE DRILL CENTRE TEMPLATE	TEMPLATE	BP EXPLORATION	SUBSURFACE	ACTIVE															803.8	810.6	e	e	a	
CLAIR RIDGE DP	PLATFORM	BP EXPLORATION	SURFACE	ACTIVE															803.8	810.6	e	e	a	
TORMORE MEG/SRV FLET (PL2761/PL2762)	OTHER SUBSEA	TOTALENERGIES UPSTREA	SUBSURFACE	ACTIVE															809.6	816.2	e	e	a	
TORMORE FLET 1-1 (PL2759)	OTHER SUBSEA	TOTALENERGIES UPSTREA	SUBSURFACE	ACTIVE															809.6	816.2	e	e	a	
TORMORE MANIFOLD	MANIFOLD	TOTALENERGIES UPSTREA	SUBSURFACE	ACTIVE															809.6	816.2	e	e	a	
TORMORE FLET 2-1 (PL2760)	OTHER SUBSEA	TOTALENERGIES UPSTREA	SUBSURFACE	ACTIVE															809.6	816.2	e	e	a	
TORMORE WELLHEAD	WELLHEAD	TOTALENERGIES UPSTREA	SUBSURFACE	ACTIVE															809.7	816.2	e	e	a	
MET OCEAN BUOY MARINE GROWTH BUOY	MONITOR BUOY	EQUINOR ASA	SURFACE	ACTIVE															813.7	820.1	e	e	a	
LAGGAN MANIFOLD	MANIFOLD	TOTALENERGIES UPSTREA	SUBSURFACE	ACTIVE															820.6	827.2	e	e	a	
EDRADOUR PLEM	MANIFOLD	TOTALENERGIES UPSTREA	SUBSURFACE	ACTIVE															821.9	828.6	e	e	a	
EDRADOUR MEG/SERVICE FLET 3	OTHER SUBSEA	TOTALENERGIES UPSTREA	SUBSURFACE	ACTIVE															821.9	828.7	e	e	a	
EDRADOUR PRODUCTION FLET 4-2	OTHER SUBSEA	TOTALENERGIES UPSTREA	SUBSURFACE	ACTIVE															822.0	828.7	e	e	a	
GLENLIVET PRODUCTION FLET 3-2	OTHER SUBSEA	TOTALENERGIES UPSTREA	SUBSURFACE	ACTIVE															822.0	828.7	e	e	a	
EDRADOUR CEM ON PL3995	OTHER SUBSEA	TOTALENERGIES UPSTREA	SUBSURFACE	ACTIVE															827.6	834.4	e	e	a	
EDRADOUR MANIFOLD	MANIFOLD	TOTALENERGIES UPSTREA	SUBSURFACE	ACTIVE															828.9	835.8	e	e	a	
EDRADOUR WELLHEAD	WELLHEAD	TOTALENERGIES UPSTREA	SUBSURFACE	ACTIVE															828.9	835.8	e	e	a	
EDRADOUR PRODUCTION FLET 4-1	OTHER SUBSEA	TOTALENERGIES UPSTREA	SUBSURFACE	ACTIVE															829.0	835.8	e	e	a	
LOST ANCHOR- PARTIAL ANCHOR DEBRIS: KFB 15/2015	ANCHOR	TOTALENERGIES UPSTREA	SUBSURFACE	ACTIVE															846.0	852.8	e	e	a	
GLENLIVET MEG/SRV FLET 1	OTHER SUBSEA	TOTALENERGIES UPSTREA	SUBSURFACE	ACTIVE															846.3	853.1	e	e	a	
GLENLIVET PRODUCTION FLET 3-1	OTHER SUBSEA	TOTALENERGIES UPSTREA	SUBSURFACE	ACTIVE															846.3	853.2	e	e	a	

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					2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033							2034
GLENLIVET G2 WELLHEAD	WELLHEAD	TOTALENERGIES UPSTREA	SUBSURFACE	ACTIVE															846.4	853.2	e	e	a	03
GLENLIVET MANIFOLD	MANIFOLD	TOTALENERGIES UPSTREA	SUBSURFACE	ACTIVE															846.4	853.3	e	e	a	03
GLENLIVET G1 WELLHEAD	WELLHEAD	TOTALENERGIES UPSTREA	SUBSURFACE	ACTIVE															846.4	853.3	e	e	a	03
South Uist Wellhead	WELLHEAD	SHELL PLC	SUBSURFACE	NOT IN USE															854.3	860.8	e	e	a	03
HUDSON Production Well - U1	WELLHEAD	TAQA EUROPA B.V.	SUBSURFACE	ACTIVE															862.4	869.2	e	e	a	03
HUDSON -Production Well L4	WELLHEAD	TAQA EUROPA B.V.	SUBSURFACE	ACTIVE															862.4	869.2	e	e	a	03
HUDSON Production Well - U3	WELLHEAD	TAQA EUROPA B.V.	SUBSURFACE	ACTIVE															862.4	869.2	e	e	a	03
HUDSON Production Well - U2	WELLHEAD	TAQA EUROPA B.V.	SUBSURFACE	ACTIVE															862.5	869.2	e	e	a	03
HUDSON -Production Well L3	WELLHEAD	TAQA EUROPA B.V.	SUBSURFACE	ACTIVE															862.5	869.2	e	e	a	03
HUDSON -Water Injection Well W2	WELLHEAD	TAQA EUROPA B.V.	SUBSURFACE	ACTIVE															862.5	869.2	e	e	a	03
HUDSON -Water Injection Well W1	WELLHEAD	TAQA EUROPA B.V.	SUBSURFACE	ACTIVE															862.5	869.3	e	e	a	03
HUDSON - Production Well - L2	WELLHEAD	TAQA EUROPA B.V.	SUBSURFACE	ACTIVE															862.9	869.7	e	e	a	03
HUDSON -Production Well L1	WELLHEAD	TAQA EUROPA B.V.	SUBSURFACE	ACTIVE															862.9	869.7	e	e	a	03
HUDSON 210/24A-B6F1/B6Z/B6ZF1 BG	WELLHEAD	TAQA EUROPA B.V.	SUBSURFACE	NOT IN USE															923.3	930.7	e	e	a	03
HUDSON MANIFOLD	MANIFOLD	TAQA EUROPA B.V.	SUBSURFACE	ACTIVE															923.3	930.7	e	e	a	03
HUDSON PRODUCTION WELL U3 210/24A-B7	WELLHEAD	TAQA EUROPA B.V.	SUBSURFACE	ACTIVE															923.3	930.7	e	e	a	03
HUDSON CROSSOVER SKID	PROTECTION	TAQA EUROPA B.V.	SUBSURFACE	ACTIVE															923.3	930.7	e	e	a	03
HUDSON 210/24A-B2 BF	WELLHEAD	TAQA EUROPA B.V.	SUBSURFACE	NOT IN USE															923.3	930.7	e	e	a	03
HUDSON 210/24A-B5/B5ZBE	WELLHEAD	TAQA EUROPA B.V.	SUBSURFACE	NOT IN USE															923.3	930.7	e	e	a	03
HUDSON 210/24A-B3 BC	WELLHEAD	TAQA EUROPA B.V.	SUBSURFACE	NOT IN USE															923.3	930.7	e	e	a	03
HUDSON 210/24A-B1 BD	WELLHEAD	TAQA EUROPA B.V.	SUBSURFACE	ACTIVE															923.3	930.7	e	e	a	03
HUDSON 210/24A-B4 BB	WELLHEAD	TAQA EUROPA B.V.	SUBSURFACE	NOT IN USE															923.3	930.8	e	e	a	03
HUDSON 210/24A-A2 AB	WELLHEAD	TAQA EUROPA B.V.	SUBSURFACE	ACTIVE															923.4	930.8	e	e	a	03
HUDSON 210/24A-A1 AA	WELLHEAD	TAQA EUROPA B.V.	SUBSURFACE	NOT IN USE															923.4	930.8	e	e	a	03
FSM STRUCTURE	PROTECTION	TAQA EUROPA B.V.	SUBSURFACE	ACTIVE															923.9	931.4	e	e	a	03
TERN	PLATFORM	TAQA EUROPA B.V.	SURFACE	ACTIVE															930.3	937.7	e	e	a	03
KESTREL BUTA 2	OTHER SUBSEA	TAQA EUROPA B.V.	SUBSURFACE	ACTIVE															930.3	937.8	e	e	a	03
UNKNOWN OBJECT	OTHER SUBSEA	SHELL PLC	SUBSURFACE	ACTIVE															936.0	943.5	e	e	a	03
UNKNOWN OBJECT	OTHER SUBSEA	TAQA EUROPA B.V.	SUBSURFACE	ACTIVE															936.0	943.5	e	e	a	03
KESTREL SENTRY BOLLARD 6	PROTECTION	TAQA EUROPA B.V.	SUBSURFACE	ACTIVE															936.6	944.1	e	e	a	03
KESTREL SDU	OTHER SUBSEA	TAQA EUROPA B.V.	SUBSURFACE	ACTIVE															936.6	944.1	e	e	a	03
KESTREL SENTRY BOLLARD 5	PROTECTION	TAQA EUROPA B.V.	SUBSURFACE	ACTIVE															936.7	944.1	e	e	a	03
KESTREL SENTRY BOLLARD 7	PROTECTION	TAQA EUROPA B.V.	SUBSURFACE	ACTIVE															936.7	944.2	e	e	a	03
KESTREL WELL P1 - 211/21A-17Z	WELLHEAD	TAQA EUROPA B.V.	SUBSURFACE	ACTIVE															936.7	944.2	e	e	a	03
KESTREL SENTRY BOLLARD 4	PROTECTION	TAQA EUROPA B.V.	SUBSURFACE	ACTIVE															936.7	944.2	e	e	a	03
KESTREL BUTA 4	OTHER SUBSEA	TAQA EUROPA B.V.	SUBSURFACE	ACTIVE															936.7	944.2	e	e	a	03
KESTREL BUTA 3	OTHER SUBSEA	TAQA EUROPA B.V.	SUBSURFACE	ACTIVE															936.7	944.2	e	e	a	03

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					2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033							2034	
KESTREL WELL P2 - 211/21A-19	WELLHEAD	TAQA EUROPA B.V.	SUBSURFACE	ACTIVE															936.7	944.2	e	e	a		
KESTREL BUTA 5	OTHER SUBSEA	TAQA EUROPA B.V.	SUBSURFACE	ACTIVE															936.7	944.2	e	e	a		
Kestrel 211/21a- 20	WELLHEAD	TAQA EUROPA B.V.	SUBSURFACE	ACTIVE															936.8	944.3	e	e	a		
KESTREL WELL KEU-W1- 211/21A-20	WELLHEAD	TAQA EUROPA B.V.	SUBSURFACE	ACTIVE															936.8	944.3	e	e	a		
KESTREL SENTRY BOLLARD 3	PROTECTION	TAQA EUROPA B.V.	SUBSURFACE	ACTIVE															936.8	944.3	e	e	a		
KESTREL SENTRY BOLLARD 1	PROTECTION	TAQA EUROPA B.V.	SUBSURFACE	ACTIVE															936.8	944.3	e	e	a		
KESTREL SENTRY BOLLARD 9	PROTECTION	TAQA EUROPA B.V.	SUBSURFACE	ACTIVE															936.8	944.3	e	e	a		
KESTREL SENTRY BOLLARD 2	PROTECTION	TAQA EUROPA B.V.	SUBSURFACE	ACTIVE															936.8	944.3	e	e	a		
KESTREL SENTRY BOLLARD 8	PROTECTION	TAQA EUROPA B.V.	SUBSURFACE	ACTIVE															936.9	944.3	e	e	a		
CONCRETE	PROTECTION	TAQA EUROPA B.V.	SUBSURFACE	ACTIVE															937.1	944.6	e	e	a		
GROUT BAG	PROTECTION	TAQA EUROPA B.V.	SUBSURFACE	ACTIVE															937.1	944.6	e	e	a		
FALCON MIDLINE CONNECTION	OTHER SUBSEA	TAQA EUROPA B.V.	SUBSURFACE	ACTIVE															937.2	944.6	e	e	a		
FALCON P1 WELL - 210/25A-10Z	WELLHEAD	TAQA EUROPA B.V.	SUBSURFACE	ACTIVE															937.4	944.9	e	e	a		
Falcon XT 210/25a- 10Z	WELLHEAD	TAQA EUROPA B.V.	SUBSURFACE	ACTIVE															937.4	944.9	e	e	a		
SEABED FASTENER: KFB 15/2000	SEABED FASTENER	EXXONMOBIL INTERNATIONAL	SUBSURFACE	ACTIVE															940.1	946.8	e	e	a		
211/23D-18	WELLHEAD	ITHACA ENERGY	SUBSURFACE	NOT IN USE															942.5	950.1	e	e	a		
Kerloch 211/22a-10	WELLHEAD	TAQA EUROPA B.V.	SUBSURFACE	ABANDONDED															942.9	950.5	e	e	a		
211/23D- 17Z	WELLHEAD	ITHACA ENERGY	SUBSURFACE	NOT IN USE															943.9	951.4	e	e	a		
EIDER UMBILICAL RAMP	OTHER SUBSEA	TAQA EUROPA B.V.	SUBSURFACE	ACTIVE															944.5	952.0	e	e	a		
EIDER A	PLATFORM	TAQA EUROPA B.V.	SUBSURFACE	ACTIVE															944.5	952.0	e	e	a		
DUNLIN A	PLATFORM	FAIRFIELD ENERGY LIMITED	SUBSURFACE	NOT IN USE															948.4	956.0	e	e	a		
SEABED FASTENER: KFB 05/2009	SEABED FASTENER	BP EXPLORATION	SUBSURFACE	ACTIVE															952.2	959.8	e	e	a		
OTTER DRILLING TEMPLATE	TEMPLATE	TAQA EUROPA B.V.	SUBSURFACE	ACTIVE															954.4	961.9	e	e	a		
210/15A-5 WELLHEAD	MANIFOLD	TOTALENERGIES UPSTREAM	SUBSURFACE	PROPOSED															954.4	961.9	e	e	a		
Otter 210/15a-T1	WELLHEAD	TAQA EUROPA B.V.	SUBSURFACE	ACTIVE															954.4	961.9	e	e	a		
Otter 210/15a-T2	WELLHEAD	TAQA EUROPA B.V.	SUBSURFACE	ACTIVE															954.4	961.9	e	e	a		
Otter 210/15a-T3	WELLHEAD	TAQA EUROPA B.V.	SUBSURFACE	ACTIVE															954.4	961.9	e	e	a		
OTTER P2 - 210/15A-T1	WELLHEAD	TAQA EUROPA B.V.	SUBSURFACE	ACTIVE															954.4	961.9	e	e	a		
OTTER P3 - 210/15A-T3	WELLHEAD	TAQA EUROPA B.V.	SUBSURFACE	ACTIVE															954.4	961.9	e	e	a		
Otter 210/15a-T4	WELLHEAD	TAQA EUROPA B.V.	SUBSURFACE	NOT IN USE															954.4	961.9	e	e	a		
OTTER I1 210/15A-T4	WELLHEAD	TAQA EUROPA B.V.	SUBSURFACE	NOT IN USE															954.4	961.9	e	e	a		
Otter 210/15a-5	WELLHEAD	TAQA EUROPA B.V.	SUBSURFACE	ACTIVE															954.4	961.9	e	e	a		
OTTER I2 - 210/15A-5	WELLHEAD	TAQA EUROPA B.V.	SUBSURFACE	ACTIVE															954.4	961.9	e	e	a		
OTTER P1 WELL - 210/15A-T2	WELLHEAD	TAQA EUROPA B.V.	SUBSURFACE	ACTIVE															954.4	961.9	e	e	a		
Thistle COS Tank A	STORAGE TANK	ENQUEST PLC	SUBSURFACE	NOT IN USE															955.7	963.3	e	e	a		
Thistle Anode Pod No.1	PROTECTION	ENQUEST PLC	SUBSURFACE	ACTIVE															956.2	963.8	e	e	a		
Thistle Anode Pod No.4	PROTECTION	ENQUEST PLC	SUBSURFACE	ACTIVE															956.2	963.8	e	e	a		
Thistle Anode Pod No.5	PROTECTION	ENQUEST PLC	SUBSURFACE	ACTIVE															956.2	963.8	e	e	a		
Thistle Anode Sled No.17	PROTECTION	ENQUEST PLC	SUBSURFACE	ACTIVE															956.2	963.8	e	e	a		
Thistle Anode Pod No.3	PROTECTION	ENQUEST PLC	SUBSURFACE	ACTIVE															956.2	963.8	e	e	a		
Thistle Anode Sled No.16	PROTECTION	ENQUEST PLC	SUBSURFACE	ACTIVE															956.2	963.8	e	e	a		
Thistle Anode Pod No.2	PROTECTION	ENQUEST PLC	SUBSURFACE	ACTIVE															956.3	963.8	e	e	a		
Thistle Anode Sled No.14	PROTECTION	ENQUEST PLC	SUBSURFACE	ACTIVE															956.3	963.8	e	e	a		
Thistle Anode Sled No.18	PROTECTION	ENQUEST PLC	SUBSURFACE	ACTIVE															956.3	963.8	e	e	a		
Thistle Anode Sled No.13	PROTECTION	ENQUEST PLC	SUBSURFACE	ACTIVE															956.3	963.8	e	e	a		
Thistle Anode Sled No.15	PROTECTION	ENQUEST PLC	SUBSURFACE	ACTIVE															956.3	963.8	e	e	a		
FTA - ENTRANCE FUNNEL	OTHER SUBSEA	ENQUEST PLC	SUBSURFACE	ACTIVE															956.3	963.8	e	e	a		

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Thistle Anode Pod No.16	PROTECTION	ENQUEST PLC	SUBSURFACE	ACTIVE															956.3	963.8	e	e	a		
Thistle Anode Sled No.12	PROTECTION	ENQUEST PLC	SUBSURFACE	ACTIVE															956.3	963.8	e	e	a		
Thistle Anode Sled No.19	PROTECTION	ENQUEST PLC	SUBSURFACE	ACTIVE															956.3	963.8	e	e	a		
Thistle Anode Sled No.11	PROTECTION	ENQUEST PLC	SUBSURFACE	ACTIVE															956.3	963.8	e	e	a		
Thistle Anode Sled No.20	PROTECTION	ENQUEST PLC	SUBSURFACE	ACTIVE															956.3	963.8	e	e	a		
Thistle Anode Pod No.6	PROTECTION	ENQUEST PLC	SUBSURFACE	ACTIVE															956.3	963.8	e	e	a		
Thistle Anode Sled No.10	PROTECTION	ENQUEST PLC	SUBSURFACE	ACTIVE															956.3	963.9	e	e	a		
Thistle Anode Pod No.15	PROTECTION	ENQUEST PLC	SUBSURFACE	ACTIVE															956.3	963.9	e	e	a		
Thistle Anode Sled No.21	PROTECTION	ENQUEST PLC	SUBSURFACE	ACTIVE															956.3	963.9	e	e	a		
Thistle Anode Sled No.22	PROTECTION	ENQUEST PLC	SUBSURFACE	ACTIVE															956.3	963.9	e	e	a		
THISTLE A	PLATFORM	ENQUEST PLC	SURFACE	ACTIVE															956.3	963.9	e	e	a		
Thistle Anode Pod No.14	PROTECTION	ENQUEST PLC	SUBSURFACE	ACTIVE															956.3	963.9	e	e	a		
PROTECTIVE STRUCTURE VALVE V2B :1517	PROTECTION	BP EXPLORATION	SUBSURFACE	ACTIVE															956.3	963.9	e	e	a		
Thistle Anode Sled No.9	PROTECTION	ENQUEST PLC	SUBSURFACE	ACTIVE															956.3	963.9	e	e	a		
Thistle Anode Pod No.7	PROTECTION	ENQUEST PLC	SUBSURFACE	ACTIVE															956.4	963.9	e	e	a		
Thistle Anode Pod No.8	PROTECTION	ENQUEST PLC	SUBSURFACE	ACTIVE															956.4	963.9	e	e	a		
Thistle Anode Pod No.9	PROTECTION	ENQUEST PLC	SUBSURFACE	ACTIVE															956.4	963.9	e	e	a		
Thistle Anode Sled No.1	PROTECTION	ENQUEST PLC	SUBSURFACE	ACTIVE															956.4	963.9	e	e	a		
Thistle Anode Sled No.8	PROTECTION	ENQUEST PLC	SUBSURFACE	ACTIVE															956.4	963.9	e	e	a		
Thistle Anode Pod No.13	PROTECTION	ENQUEST PLC	SUBSURFACE	ACTIVE															956.4	963.9	e	e	a		
Thistle Anode Pod No.12	PROTECTION	ENQUEST PLC	SUBSURFACE	ACTIVE															956.4	963.9	e	e	a		
Thistle Anode Sled No.2	PROTECTION	ENQUEST PLC	SUBSURFACE	ACTIVE															956.4	963.9	e	e	a		
Thistle Anode Sled No.3	PROTECTION	ENQUEST PLC	SUBSURFACE	ACTIVE															956.4	963.9	e	e	a		
Thistle Anode Pod No.11	PROTECTION	ENQUEST PLC	SUBSURFACE	ACTIVE															956.4	963.9	e	e	a		
Thistle Anode Sled No.4	PROTECTION	ENQUEST PLC	SUBSURFACE	ACTIVE															956.4	963.9	e	e	a		
Thistle Anode Sled No.6	PROTECTION	ENQUEST PLC	SUBSURFACE	ACTIVE															956.4	963.9	e	e	a		
Thistle Anode Pod No.10	PROTECTION	ENQUEST PLC	SUBSURFACE	ACTIVE															956.4	963.9	e	e	a		
Thistle Anode Sled No.5	PROTECTION	ENQUEST PLC	SUBSURFACE	ACTIVE															956.4	963.9	e	e	a		
GAS EXPORT RISER ANCHOR @ THISTLE TGRA	ANCHOR	ENQUEST PLC	SUBSURFACE	ACTIVE															956.4	963.9	e	e	a		
Thistle Anode Sled No.7	PROTECTION	ENQUEST PLC	SUBSURFACE	ACTIVE															956.4	963.9	e	e	a		
OIL EXPORT/UMBILICAL RISER ANCHOR @ THISTLE TPRA	ANCHOR	ENQUEST PLC	SUBSURFACE	ACTIVE															956.4	964.0	e	e	a		
Thistle COS Tank B	STORAGE TANK	ENQUEST PLC	SUBSURFACE	NOT IN USE															956.7	964.2	e	e	a		
SALM BASE PLATE	OBSTRUCTION	ENQUEST PLC	SUBSURFACE	ACTIVE															958.4	966.0	e	e	a		
SUBSEA WYE TH/NPR TO MAGNUS	OTHER SUBSEA	ENQUEST PLC	SUBSURFACE	ACTIVE															961.5	969.0	e	e	a		
TIE-IN T1B PROTECTION	PROTECTION	BP EXPLORATION	SUBSURFACE	ACTIVE															962.2	969.7	e	e	a		
BELLMOUTH :1530	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															962.2	969.7	e	e	a		
MATTRESS 2	PROTECTION	ENQUEST PLC	SUBSURFACE	ACTIVE															962.2	969.7	e	e	a		
GROUT BAG 3	PROTECTION	ENQUEST PLC	SUBSURFACE	ACTIVE															962.4	970.0	e	e	a		
MATTRESS 1	PROTECTION	ENQUEST PLC	SUBSURFACE	ACTIVE															963.9	971.5	e	e	a		
MURCHISON JACKET FOOTING 4	PILE	CNR INTERNATIONAL	SUBSURFACE	NOT IN USE															964.0	971.5	e	e	a		
MURCHISON JACKET FOOTING 1	PILE	CNR INTERNATIONAL	SUBSURFACE	NOT IN USE															964.0	971.5	e	e	a		
MURCHISON JACKET FOOTING 3	PILE	CNR INTERNATIONAL	SUBSURFACE	NOT IN USE															964.0	971.6	e	e	a		
MURCHISON JACKET FOOTING 2	PILE	CNR INTERNATIONAL	SUBSURFACE	NOT IN USE															964.0	971.6	e	e	a		
211/18a-W4	WELLHEAD	ENQUEST PLC	SUBSURFACE	NOT IN USE															964.8	972.3	e	e	a		
211/18a-W5	WELLHEAD	ENQUEST PLC	SUBSURFACE	NOT IN USE															964.8	972.3	e	e	a		
211/18a-W1	WELLHEAD	ENQUEST PLC	SUBSURFACE	NOT IN USE															964.8	972.3	e	e	a		
WEST DON SUBSEA DISTRIBUTION UNIT WD SDU	OTHER SUBSEA	ENQUEST PLC	SUBSURFACE	ACTIVE															964.8	972.3	e	e	a		
211/18a-W3Z	WELLHEAD	ENQUEST PLC	SUBSURFACE	NOT IN USE															964.9	972.4	e	e	a		

Offshore Stage 1 and Stage 2 In-Combination Effects Matrices
Industry: Oil and Gas Surface and Subsurface Infrastructure

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g	No effect-receptor pathway: Screened out of assessment.

Name	Type	Group	Surface/subsurface	Status	Construction Period (orange outline denotes proposed development offshore construction period)													Distance to array area (km)	Distance to ECC (km)	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammal Ecology	Offshore and Intertidal Ornithology	
					2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033							2034
211/12a-19Z	WELLHEAD	ENQUEST PLC	SUBSURFACE	ACTIVE															964.9	972.3	e	e	a	
UET :1250	OTHER SUBSEA	ENQUEST PLC	SUBSURFACE	ACTIVE															964.9	972.3	e	e	a	
211/18a-W6	WELLHEAD	ENQUEST PLC	SUBSURFACE	NOT IN USE															964.9	972.4	e	e	a	
211/18a-S7	WELLHEAD	ENQUEST PLC	SUBSURFACE	NOT IN USE															965.0	972.5	e	e	a	
211/18a-S15	WELLHEAD	ENQUEST PLC	SUBSURFACE	NOT IN USE															965.0	972.5	e	e	a	
211/18a-S14	WELLHEAD	ENQUEST PLC	SUBSURFACE	NOT IN USE															965.0	972.5	e	e	a	
211/18a-S10	WELLHEAD	ENQUEST PLC	SUBSURFACE	ABANDONED															965.0	972.5	e	e	a	
211/18a-S8Z	WELLHEAD	ENQUEST PLC	SUBSURFACE	NOT IN USE															965.0	972.6	e	e	a	
211/18a-S2Z	WELLHEAD	ENQUEST PLC	SUBSURFACE	NOT IN USE															965.1	972.6	e	e	a	
211/18a-S11	WELLHEAD	ENQUEST PLC	SUBSURFACE	NOT IN USE															965.1	972.6	e	e	a	
211/18a-S12Z	WELLHEAD	ENQUEST PLC	SUBSURFACE	NOT IN USE															965.1	972.6	e	e	a	
DON SW PRODUCTION WELL P04 P4	WELLHEAD	ENQUEST PLC	SUBSURFACE	NOT IN USE															965.1	972.6	e	e	a	
DON SW SUBSEA DISTRIBUTION UNIT SDU	OTHER SUBSEA	ENQUEST PLC	SUBSURFACE	NOT IN USE															965.1	972.7	e	e	a	
TOKYO BAG 2	DEBRIS	ENQUEST PLC	SUBSURFACE	ACTIVE															965.1	972.7	e	e	a	
DON NORTHERN PRODUCER RISER BASE STRUCTURE NPRB	RISER BASE	ENQUEST PLC	SUBSURFACE	NOT IN USE															965.1	972.7	e	e	a	
TOKYO BAG 1	DEBRIS	ENQUEST PLC	SUBSURFACE	ACTIVE															965.1	972.7	e	e	a	
MID WATER ARCH MWA	OTHER SUBSEA	ENQUEST PLC	SUBSURFACE	ACTIVE															965.1	972.7	e	e	a	
CHINESE FINGER - EAST	OTHER SUBSEA	ENQUEST PLC	SUBSURFACE	ACTIVE															965.1	972.7	e	e	a	
CHINESE FINGER - WEST	OTHER SUBSEA	ENQUEST PLC	SUBSURFACE	ACTIVE															965.1	972.7	e	e	a	
MATTRESS WET STORE 2	DEBRIS	ENQUEST PLC	SUBSURFACE	ACTIVE															965.1	972.7	e	e	a	
TOKYO BAG 3	DEBRIS	ENQUEST PLC	SUBSURFACE	ACTIVE															965.2	972.7	e	e	a	
TOKYO BAG 4	DEBRIS	ENQUEST PLC	SUBSURFACE	ACTIVE															965.2	972.7	e	e	a	
TOKYO BAG 5	DEBRIS	ENQUEST PLC	SUBSURFACE	ACTIVE															965.2	972.7	e	e	a	
MATTRESS WET STORE 1	DEBRIS	ENQUEST PLC	SUBSURFACE	ACTIVE															965.2	972.7	e	e	a	
DON SW WATER INJECTION WELL W14 W04	WELLHEAD	ENQUEST PLC	SUBSURFACE	NOT IN USE															965.7	973.3	e	e	a	
211/18a-S6	WELLHEAD	ENQUEST PLC	SUBSURFACE	NOT IN USE															965.8	973.3	e	e	a	
DON SW INJECTION WELL CENTRE	MANIFOLD	ENQUEST PLC	SUBSURFACE	NOT IN USE															965.8	973.3	e	e	a	
211/18a-S4Z	WELLHEAD	ENQUEST PLC	SUBSURFACE	ABANDONED															965.8	973.3	e	e	a	
211/18a-S13	WELLHEAD	ENQUEST PLC	SUBSURFACE	NOT IN USE															965.8	973.3	e	e	a	
HALIBUT TIE-IN PROTECTION	PROTECTION	ENQUEST PLC	SUBSURFACE	ACTIVE															967.3	974.8	e	e	a	
211/12a-22	WELLHEAD	ENQUEST PLC	SUBSURFACE	ACTIVE															967.6	975.1	e	e	a	
211/12a-23	WELLHEAD	ENQUEST PLC	SUBSURFACE	ACTIVE															967.6	975.1	e	e	a	
BELLMOUTH AT WELLHEAD D7 :1308	OTHER SUBSEA	ENQUEST PLC	SUBSURFACE	ACTIVE															969.0	976.5	e	e	a	
DON (SUBSEA)211/18A :26	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															969.8	977.3	e	e	a	
BELLMOUTH :1309	OTHER SUBSEA	ENQUEST PLC	SUBSURFACE	ACTIVE															969.9	977.4	e	e	a	
D5 P3	OTHER SUBSEA	ENQUEST PLC	SUBSURFACE	ACTIVE															970.7	978.1	e	e	a	
D5 P4	OTHER SUBSEA	ENQUEST PLC	SUBSURFACE	ACTIVE															970.7	978.1	e	e	a	
D5 P2	OTHER SUBSEA	ENQUEST PLC	SUBSURFACE	ACTIVE															970.7	978.2	e	e	a	
D5 P1	OTHER SUBSEA	ENQUEST PLC	SUBSURFACE	ACTIVE															970.7	978.2	e	e	a	
PROTECTIVE STRUCTURE -SSIV (END) :1538	PROTECTION	ENQUEST PLC	SUBSURFACE	ACTIVE															972.8	980.3	e	e	a	
PROTECTIVE STRUCTURE -SSIV (START) :1537	PROTECTION	ENQUEST PLC	SUBSURFACE	ACTIVE															972.8	980.3	e	e	a	

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Name	Type	Group	Surface/subsurface	Status	Construction Period (orange outline denotes proposed development offshore construction period)												Distance to array area (km)	Distance to ECC (km)	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammal Ecology	Offshore and Intertidal Ornithology			
					2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032							2033	2034	
BELLMOUTH AT MAGNUS J TUBE :1307 OTHER-RISER	OTHER SUBSEA	ENQUEST PLC	SUBSURFACE	ACTIVE															973.8	981.3	e	e	a	02	02
BREAKOUT BOX :1402	RISER BASE	ENQUEST PLC	SUBSURFACE	ACTIVE															973.8	981.3	e	e	a	02	02
MAGNUS	PLATFORM	ENQUEST PLC	SURFACE	ACTIVE															973.8	981.3	e	e	a	02	02
CONNECTION POINT OF WELL :1209	OTHER SUBSEA	ENQUEST PLC	SUBSURFACE	ACTIVE															973.9	981.4	e	e	a	02	02
LOST NON-DIRECTIONAL BEACON ANTENNA - KFB 04/2009	DEBRIS	BP EXPLORATION	SUBSURFACE	ACTIVE															973.9	981.4	e	e	a	02	02
SWIFT MANIFOLD (MAGNUS) :1228	MANIFOLD	ENQUEST PLC	SUBSURFACE	ACTIVE															974.2	981.7	e	e	a	02	02
PENGUIN DC5 FSM STRUCTURE	PROTECTION	SHELL PLC	SUBSURFACE	NOT IN USE															974.5	982.0	e	e	a	02	02
PENGUIN DC5 MANIFOLD	MANIFOLD	SHELL PLC	SUBSURFACE	ACTIVE															974.5	982.1	e	e	a	02	02
PENGUIN WELL D3	WELLHEAD	SHELL PLC	SUBSURFACE	NOT IN USE															974.5	982.1	e	e	a	02	02
FLOW METER PROTECTION STRUCTURE	PROTECTION	SHELL PLC	SUBSURFACE	ACTIVE															974.5	982.1	e	e	a	02	02
PENGUIN WELL D2	WELLHEAD	SHELL PLC	SUBSURFACE	NOT IN USE															974.6	982.1	e	e	a	02	02
PENGUIN WELL E1	WELLHEAD	SHELL PLC	SUBSURFACE	NOT IN USE															974.6	982.1	e	e	a	02	02
DT04 WELL	WELLHEAD	SHELL PLC	SUBSURFACE	ACTIVE															974.6	982.1	e	e	a	02	02
PENGUIN DC5 UCS	OTHER SUBSEA	SHELL PLC	SUBSURFACE	ACTIVE															974.6	982.2	e	e	a	02	02
PENGUINS WAVERIDER	MONITOR BUOY	SHELL PLC	SURFACE	ACTIVE															975.5	983.0	e	e	a	02	02
ANCHOR PILE NO.1	ANCHOR PILE	SHELL PLC	SUBSURFACE	ACTIVE															975.8	983.3	e	e	a	02	02
ANCHOR PILE NO.2	ANCHOR PILE	SHELL PLC	SUBSURFACE	ACTIVE															975.9	983.4	e	e	a	02	02
ANCHOR PILE NO.3	ANCHOR PILE	SHELL PLC	SUBSURFACE	ACTIVE															975.9	983.4	e	e	a	02	02
PENGUINS FPSO MOORING CHAIN 1 LAYDOWN	OTHER SUBSEA	SHELL PLC	SUBSURFACE	ACTIVE															975.9	983.4	e	e	a	02	02
ANCHOR PILE NO.12	ANCHOR PILE	SHELL PLC	SUBSURFACE	ACTIVE															976.0	983.5	e	e	a	02	02
ANCHOR PILE NO.4	ANCHOR PILE	SHELL PLC	SUBSURFACE	ACTIVE															976.0	983.5	e	e	a	02	02
PENGUINS FPSO MOORING CHAIN 2 LAYDOWN	OTHER SUBSEA	SHELL PLC	SUBSURFACE	ACTIVE															976.0	983.5	e	e	a	02	02
ANCHOR PILE NO.11	ANCHOR PILE	SHELL PLC	SUBSURFACE	ACTIVE															976.0	983.5	e	e	a	02	02
PENGUINS FPSO MOORING CHAIN 3 LAYDOWN	OTHER SUBSEA	SHELL PLC	SUBSURFACE	ACTIVE															976.0	983.5	e	e	a	02	02
ANCHOR PILE NO.10	ANCHOR PILE	SHELL PLC	SUBSURFACE	ACTIVE															976.0	983.6	e	e	a	02	02
PENGUINS FPSO MOORING CHAIN 4 LAYDOWN	OTHER SUBSEA	SHELL PLC	SUBSURFACE	ACTIVE															976.1	983.6	e	e	a	02	02
ANCHOR PILE NO.9	ANCHOR PILE	SHELL PLC	SUBSURFACE	ACTIVE															976.1	983.6	e	e	a	02	02
PENGUINS FPSO MOORING CHAIN 12 LAYDOWN	OTHER SUBSEA	SHELL PLC	SUBSURFACE	ACTIVE															976.1	983.6	e	e	a	02	02
PENGUINS FPSO MOORING CHAIN 11 LAYDOWN	OTHER SUBSEA	SHELL PLC	SUBSURFACE	ACTIVE															976.1	983.6	e	e	a	02	02
PENGUINS FPSO MOORING CHAIN 10 LAYDOWN	OTHER SUBSEA	SHELL PLC	SUBSURFACE	ACTIVE															976.1	983.7	e	e	a	02	02
PENGUINS FPSO MOORING CHAIN 9 LAYDOWN	OTHER SUBSEA	SHELL PLC	SUBSURFACE	ACTIVE															976.2	983.7	e	e	a	02	02
PENGUIN DC4 DBBV	MANIFOLD	SHELL PLC	SUBSURFACE	ACTIVE															976.3	983.8	e	e	a	02	02
ROCKHOPPER WELL	WELLHEAD	SHELL PLC	SUBSURFACE	ACTIVE															976.4	983.9	e	e	a	02	02
PENGUIN DC4 MANIFOLD	MANIFOLD	SHELL PLC	SUBSURFACE	ACTIVE															976.4	983.9	e	e	a	02	02
PENGUIN WELL D1	WELLHEAD	SHELL PLC	SUBSURFACE	NOT IN USE															976.4	983.9	e	e	a	02	02
PENGUIN WELL C2	WELLHEAD	SHELL PLC	SUBSURFACE	ACTIVE															976.4	983.9	e	e	a	02	02

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Name	Type	Group	Surface/subsurface	Status	Construction Period (orange outline denotes proposed development offshore construction period)													Distance to array area (km)	Distance to ECC (km)	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammal Ecology	Offshore and Intertidal Ornithology	
					2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033							2034
PENGUIN DC4 UCS	OTHER SUBSEA	SHELL PLC	SUBSURFACE	ACTIVE															976.5	984.0	e	e	a	
PENGUINS FPSO	FPSO	SHELL PLC	SURFACE	PROPOSED															976.6	984.1	e	e	a	
RISER BASE MANIFOLD TOWHEAD	TOWHEAD	SHELL PLC	SUBSURFACE	ACTIVE															976.9	984.4	e	e	a	
PENGUINS FPSO MOORING CHAIN 8 LAYDOWN	OTHER SUBSEA	SHELL PLC	SUBSURFACE	ACTIVE															977.6	985.1	e	e	a	
PENGUINS FPSO MOORING CHAIN 6 LAYDOWN	OTHER SUBSEA	SHELL PLC	SUBSURFACE	ACTIVE															977.6	985.1	e	e	a	
PENGUINS FPSO MOORING CHAIN 7 LAYDOWN	OTHER SUBSEA	SHELL PLC	SUBSURFACE	ACTIVE															977.6	985.1	e	e	a	
PENGUINS FPSO MOORING CHAIN 5 LAYDOWN	OTHER SUBSEA	SHELL PLC	SUBSURFACE	ACTIVE															977.6	985.1	e	e	a	
ANCHOR PILE NO.8	ANCHOR PILE	SHELL PLC	SUBSURFACE	ACTIVE															977.8	985.3	e	e	a	
ANCHOR PILE NO.7	ANCHOR PILE	SHELL PLC	SUBSURFACE	ACTIVE															977.8	985.3	e	e	a	
ANCHOR PILE NO.5	ANCHOR PILE	SHELL PLC	SUBSURFACE	ACTIVE															977.8	985.3	e	e	a	
ANCHOR PILE NO.6	ANCHOR PILE	SHELL PLC	SUBSURFACE	ACTIVE															977.8	985.3	e	e	a	
MAGNUS D9 FLOWBASE	TEMPLATE	Enquest PLC	SUBSURFACE	ACTIVE															977.8	985.3	e	e	a	
MAGNUS D9 TREE	OTHER SUBSEA	Enquest PLC	SUBSURFACE	ACTIVE															977.8	985.3	e	e	a	
BELLMOUTH AT ABANDONED WELL D9 :1288	OTHER SUBSEA	Enquest PLC	SUBSURFACE	ACTIVE															977.8	985.3	e	e	a	
PROTECTIVE STRUCTURE WELLHEAD MP5 (211/1 :1281	PROTECTION	Enquest PLC	SUBSURFACE	ACTIVE															977.9	985.3	e	e	a	
PENGUIN DC3 DBBV	MANIFOLD	SHELL PLC	SUBSURFACE	ACTIVE															978.9	986.4	e	e	a	
PENGUIN DC3 MANIFOLD	MANIFOLD	SHELL PLC	SUBSURFACE	ACTIVE															979.0	986.5	e	e	a	
PENGUIN WELL C1	WELLHEAD	SHELL PLC	SUBSURFACE	NOT IN USE															979.0	986.5	e	e	a	
PENGUIN WELL C3	WELLHEAD	SHELL PLC	SUBSURFACE	NOT IN USE															979.0	986.5	e	e	a	
DC3 MIDLINE STRUCTURE (MS1)	TOWHEAD	SHELL PLC	SUBSURFACE	ACTIVE															979.0	986.5	e	e	a	
PENGUIN DC3 UCS	OTHER SUBSEA	SHELL PLC	SUBSURFACE	ACTIVE															979.1	986.6	e	e	a	
D4 TREE	OTHER SUBSEA	Enquest PLC	SUBSURFACE	ACTIVE															979.2	986.7	e	e	a	
C-TRIASSIC WELL	WELLHEAD	SHELL PLC	SUBSURFACE	ACTIVE															979.3	986.8	e	e	a	
C-UPDIP RE-SPUD WELL DC7 MANIFOLD TOWHEAD	WELLHEAD	SHELL PLC	SUBSURFACE	ACTIVE															979.4	986.9	e	e	a	
PC04 WELL	TOWHEAD	SHELL PLC	SUBSURFACE	ACTIVE															979.4	986.9	e	e	a	
C-UPDIP WELL	WELLHEAD	SHELL PLC	SUBSURFACE	NOT IN USE															979.4	986.9	e	e	a	
PENGUIN DC2 DBBV	MANIFOLD	SHELL PLC	SUBSURFACE	ACTIVE															979.6	987.1	e	e	a	
DC6 MANIFOLD TOWHEAD	TOWHEAD	SHELL PLC	SUBSURFACE	ACTIVE															979.7	987.2	e	e	a	
PENGUIN DC2 RPCM STRUCTURE	PROTECTION	SHELL PLC	SUBSURFACE	ACTIVE															979.7	987.2	e	e	a	
PENGUIN DC2 MANIFOLD	MANIFOLD	SHELL PLC	SUBSURFACE	ACTIVE															979.7	987.2	e	e	a	
PENGUIN WELL A1	WELLHEAD	SHELL PLC	SUBSURFACE	ACTIVE															979.7	987.2	e	e	a	
PENGUIN WELL A2	WELLHEAD	SHELL PLC	SUBSURFACE	NOT IN USE															979.7	987.2	e	e	a	
PAN-W WELL	WELLHEAD	SHELL PLC	SUBSURFACE	ACTIVE															979.7	987.2	e	e	a	
PENGUIN DC2 UCS	OTHER SUBSEA	SHELL PLC	SUBSURFACE	ACTIVE															979.8	987.3	e	e	a	
D6 P3	OTHER SUBSEA	ENQUEST PLC	SUBSURFACE	ACTIVE															980.1	987.6	e	e	a	
D6 P4	OTHER SUBSEA	BP EXPLORATION	SUBSURFACE	ACTIVE															980.1	987.6	e	e	a	
D6 P2	OTHER SUBSEA	ENQUEST PLC	SUBSURFACE	ACTIVE															980.1	987.6	e	e	a	
D6 P1	OTHER SUBSEA	ENQUEST PLC	SUBSURFACE	ACTIVE															980.1	987.6	e	e	a	
PAN-N WELL	WELLHEAD	SHELL PLC	SUBSURFACE	ACTIVE															981.5	989.0	e	e	a	
DC8 MIDLINE STRUCTURE	TOWHEAD	SHELL PLC	SUBSURFACE	ACTIVE															981.5	989.0	e	e	a	

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Construction Period (orange outline denotes proposed development offshore construction period)

Name	Type	Group	Surface/subsurface	Status	Construction Period (orange outline denotes proposed development offshore construction period)												Distance to array area (km)	Distance to ECC (km)	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammal Ecology	Offshore and Intertidal Ornithology		
					2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032							2033	2034
DEBRIS:ANTENNA - KFB 08/2009	DEBRIS	BP EXPLORATION	SUBSURFACE	ACTIVE															982.1	989.6	e	e	a	g
DC9 MANIFOLD TOWHEAD	TOWHEAD	SHELL PLC	SUBSURFACE	ACTIVE															983.5	991.0	e	e	a	g
TYBALT WELL	WELLHEAD	SHELL PLC	SUBSURFACE	ACTIVE															983.5	991.0	e	e	a	g

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Area	Site number	Status	Construction Period (orange outline denotes proposed development offshore construction period)														Distance to array area (km)	Distance to ECC (km)	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammal Ecology	Offshore and Intertidal Ornithology
			2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034						
WARRENPOINT B	IS671	Open															23.7	28.9	c	a	a	g
WARRENPOINT	IS670	Closed															26.9	32.0	e	a	a	g
KILKEEL	IS650	Open															29.9	35.3	e	a	a	g
CARLINGFORD	IS660	Closed															37.6	42.2	e	a	a	g
NEWCASTLE (NI)	IS640	Closed															48.2	54.1	e	a	a	g
DUNDRUM BAY	IS630	Closed															50.0	55.8	e	a	a	g
ARDGLASS	IS635	Closed															50.7	57.9	e	a	a	g
ARDGLASS B	IS636	Disused															53.1	60.1	e	a	a	g
Holyhead North	IS043	Open															71.1	80.3	e	a	a	g
HOLYHEAD DEEP	IS040	Closed															71.1	80.3	e	a	a	g
HOLYHEAD SOUTH	IS041	Closed															75.2	84.8	e	a	a	g
HOLHEAD EAST	IS042	Closed															77.6	87.0	e	a	a	g
ARDMILLON	IS610	Closed															81.9	88.6	e	a	a	g
PORT ST. MARY (I.O.M)	IS430	Closed															83.4	91.9	e	a	a	g
MANX WATERS	IS134	Closed															83.4	91.9	e	a	a	g
MANX WATRS (fish waste)	IS435	Closed															83.4	91.9	e	a	a	g
CASTLETOWN BAY (I.O.M)	IS440	Closed															84.5	93.0	e	a	a	g
PORTAVOGIE	IS620	Open															84.6	92.0	e	a	a	g
PEEL (I.O.M)	IS420	Open															91.1	99.4	e	a	a	g
POINT LYNAS	IS050	Closed															99.4	107.5	e	a	a	g

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			2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034							
BELFAST DREDGINGS	IS540	Closed																99.9	105.6	e	a	a	g
DOUGLAS (I.O.M)	IS400	Open																100.6	109.1	e	e	a	g
BEAUFORTS DYKE, SCOTLAND	IS280	Closed																101.2	108.4	e	e	a	g
ISLE OF MAN SITE C	IS460	Closed																101.9	110.0	e	e	a	g
BANGOR	IS580	Closed																102.3	108.6	e	e	a	g
Douglas Harbour (I.O.M)	IS445	Open																102.3	110.8	e	e	a	g
FOLLY ROAD	IS530	Closed																103.4	109.1	e	e	a	g
COPELAND ISLAND	IS600	Closed																104.4	111.3	e	e	a	g
BEAUFORTS DYKE	IS260	Closed																106.2	113.9	e	e	a	g
CARRICKFERGUS	IS520	Closed																106.7	112.6	e	e	a	g
EDEN	IS510	Closed																108.4	114.5	e	e	a	g
BELFAST DREDGINGS B	IS595	Closed																108.4	115.3	e	e	a	g
LAXEY BAY (I.O.M)	IS450	Closed																110.6	119.2	e	e	a	g
BELFAST SLUDGE	IS590	Closed																111.0	117.7	e	e	a	g
BLACK HEAD	IS500	Closed																113.2	119.6	e	e	a	g
BELFAST DREDGINGS C	IS591	Open																114.1	120.9	e	e	a	g
MENAI STRAIT	IS030	Closed																115.0	124.6	e	e	a	g
CONWY BAY	IS055	Closed																119.0	127.5	e	e	a	g
RAMSEY (I.O.M)	IS410	Closed																119.9	128.3	e	e	a	g
BURROW HEAD B	IS300	Closed																121.9	130.0	e	e	a	g

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			2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034						
DRUMMORE	IS285	Closed															122.7	130.5	e	e	a	0c
DRUMMORE A	IS286	Closed															122.8	130.6	e	e	a	0c
DRUMMORE C	IS288	Closed															122.9	130.7	e	e	a	0c
DRUMMORE B	IS287	Closed															122.9	130.8	e	e	a	0c
LARNE	MA600	Closed															124.0	129.9	e	e	a	0c
PUFFIN ISLAND	IS060	Closed															125.2	134.0	e	e	a	0c
LARNE A	MA605	Disused															125.6	131.6	e	e	a	0c
LARNE B	MA601	Closed															125.6	131.6	e	e	a	0c
PORTPATRICK	IS290	Closed															130.0	137.4	e	e	a	0c
TREMADOC BAY	IS020	Closed															130.1	140.1	e	e	a	0c
STRANRAER	MA015	Closed															131.9	138.9	e	e	a	0c
NORTH CHANNEL, SCOTLA	MA010	Disused															132.2	139.2	e	e	a	0c
Walney OWF	IS215	Closed															133.4	141.9	e	e	a	0c
CONWY BENEFICIAL USE	IS066	Open															137.3	146.1	e	e	a	0c
CONWY BENEFICIAL USE	IS065	Open															137.3	146.1	e	e	a	0c
CARNLOUGH B	MA585	Closed															137.9	143.3	e	e	a	0c
DEGANWY BENEFICIAL US	IS035	Open															137.9	146.6	e	e	a	0c
CARNLOUGH A	MA581	Closed															138.2	143.7	e	e	a	0c
CARNLOUGH	MA580	Closed															138.4	143.9	e	e	a	0c
BURROW HEAD A	IS310	Closed															139.4	147.6	e	e	a	0c

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			2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034							
Shell Lagoon, Llanbedr	IS018	Open																142.8	152.8	e	e	a	0%
LIVERPOOL BAY (SLUDGE)	IS071	Closed																145.5	153.0	e	e	a	0%
LIVERPOOL BAY (SLUDGE)	IS070	Closed																145.9	153.6	e	e	a	0%
LIVERPOOL BAY (INDUSTR)	IS080	Closed																147.6	155.2	e	e	a	0%
SITE 1 (NW LIGHT FLOAT)	IS090	Closed																148.4	156.0	e	e	a	0%
SITE Y	IS150	Open																156.5	164.0	e	e	a	0%
BHP PIPELINE ROUTE	IS149	Closed																156.9	164.4	e	e	a	0%
GATEWAY GAS STORAGE P	IS195	Closed																158.0	165.9	e	e	a	0%
Burbo Bank Extension OWF	IS135	Open																163.4	171.1	e	e	a	0%
BALLYCASTLE BAY	MA570	Closed																164.9	169.7	e	e	a	0%
BALLYCASTLE BAY B	MA571	Closed																164.9	169.7	e	e	a	0%
SITE Z	IS140	Open																167.7	175.2	e	e	a	0%
BHP PIPELINE ROUTE	IS148	Closed																168.1	175.5	e	e	a	0%
PORTSTEWART BAY	MA520	Closed																168.5	173.2	e	e	a	0%
Kirkcudbright	MA012	Open																169.1	177.3	e	e	a	0%
West Balnapaling	IS320	Open																169.4	177.5	e	e	a	0%
WHITEHAVEN	IS230	Closed																170.1	178.6	e	e	a	0%
POINT OF AYR FORESHORE	IS095	Closed																170.2	178.4	e	e	a	0%
MOSTYN DEEP (MAINTENA	IS102	Open																170.3	178.5	e	e	a	0%
MOSTYN DEEP	IS101	Closed																170.3	178.5	e	e	a	0%

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			2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034						
SITE Z (ORIGINAL AREA)	IS145	Closed															171.1	178.6	e	e	a	0c
SALTOM BAY	IS220	Closed															171.3	179.7	e	e	a	0c
BARROW B	IS210	Closed															171.4	179.6	e	e	a	0c
LOUGH FOYLE	MA500	Closed															171.7	176.2	e	e	a	0c
RATHLIN ISLAND C	MA565	Closed															171.7	176.5	e	e	a	0c
RATHLIN ISLAND A	MA550	Closed															172.1	177.0	e	e	a	0c
DEE ESTUARY	IS100	Closed															172.3	180.4	e	e	a	0c
LOUGH FOYLE B	MA501	Closed															172.7	177.2	e	e	a	0c
RATHLIN ISLAND B	MA560	Closed															172.8	177.6	e	e	a	0c
BARROW D	IS205	Open															173.0	181.1	e	e	a	0c
BHP PIPELINE ROUTE	IS147	Closed															173.2	180.6	e	e	a	0c
Mostyn Breakwater	IS103	Open															173.9	182.2	e	e	a	0c
McKinneys Bank	MA502	Disused															173.9	178.5	e	e	a	0c
Formby & Taylors Point	IS132	Closed															175.3	182.9	e	e	a	0c
PRESTON	IS160	Closed															176.6	183.8	e	e	a	0c
Aberystwyth South Beach	IS013	Open															177.13	187.18	e	e	a	0c
BARROW A	IS180	Disused															177.3	185.5	e	e	a	0c
PORTSTEWART BAY B	MA545	Disused															177.4	182.1	e	e	a	0c
SOLWAY FIRTH	IS240	Open															177.5	185.8	e	e	a	0c
HARRINGTON HARBOUR	IS231	Closed															177.9	186.2	e	e	a	0c

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			2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034						
GIRVAN	MA025	Open															177.9	185.3	e	e	a	0 ⁰
GIRVAN 2	MA026	Closed															178.0	185.4	e	e	a	0 ⁰
WORKINGTON ANCHORAGE	IS241	Open															178.6	186.9	e	e	a	0 ⁰
Lossiemouth	MA090	Open															178.7	186.1	e	e	a	0 ⁰
COLERAINE	MA540	Closed															180.1	184.8	e	e	a	0 ⁰
MORECAMBE BAY: LUNE DIS	IS170	Open															182.9	190.9	e	e	a	0 ⁰
NEW QUAY TRACK	IS015	Open															183.2	193.0	e	e	a	0 ⁰
Dolau Beach	IS014	Open															183.4	193.2	e	e	a	0 ⁰
FISHGUARD	IS010	Closed															183.7	192.6	e	e	a	0 ⁰
SOUTH BEACH	IS017	Open															184.48	194.39	e	e	a	0 ⁰
SPENDING HARBOUR	IS016	Open															184.76	194.68	e	e	a	0 ⁰
MORECAMBE BAY B	IS200	Open															185.7	193.9	e	e	a	0 ⁰
WALLASEY	IS130	Closed															186.8	194.6	e	e	a	0 ⁰
MERSEY (MID-RIVER SITE)	IS120	Open															187.5	195.3	e	e	a	0 ⁰
MARYPORT HARBOUR DIS	IS244	Closed															187.5	195.8	e	e	a	0 ⁰
MARYPORT HARBOUR DIS	IS245	Closed															187.7	196.0	e	e	a	0 ⁰
FLEETWOOD CHANNEL	IS171	Closed															188.1	196.1	e	e	a	0 ⁰
MERSEY (MID-RIVER 2)	IS125	Closed															188.2	196.1	e	e	a	0 ⁰
RIVER WYRE ESTUARY	IS175	Closed															188.2	196.2	e	e	a	0 ⁰
MAIDENS	MA027	Closed															189.07	196.42	e	e	a	0 ⁰

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			2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034						
River Dee	MA110	Open															189.2	196.5	e	e	a	00
CAMPBELTOWN	MA060	Closed															189.9	196.2	e	e	a	00
MERSEY (Liverpool Marina)	IS129	Open															190.7	198.7	e	e	a	00
MERSEY OF BROMBOROUGH	IS127	Closed															192.7	200.8	e	e	a	00
MERSEY OF BROMBOROUGH	IS128	Disused															193.5	201.6	e	e	a	00
MIDDLE DEEP, MERSEY	IS270	Closed															195.3	203.4	e	e	a	00
MERSEY (GARSTON SITE)	IS110	Open															195.4	203.5	e	e	a	00
BROUGHTON	IS099	Open															196.18	204.77	e	e	a	00
LUNE RIVER	IS190	Closed															197.5	205.7	e	e	a	00
LUNE RIVER B	IS192	Open															197.7	205.8	e	e	a	00
SILLOTH B	IS251	Open															201.3	209.5	e	e	a	00
SILLOTH	IS250	Closed															203.9	212.1	e	e	a	00
AYR BAY B	MA051	Closed															207.0	214.4	e	e	a	00
AYR BAY	MA050	Open															208.4	215.7	e	e	a	00
PORT ELLEN	MA030	Open															209.1	214.2	e	e	a	00
TAYINLOAN	MA040	Closed															212.2	218.1	e	e	a	00
PORTNAHAVEN	MA035	Open															213.82	218.52	e	e	a	00
BRODICK	MA017	Closed															214.9	221.8	e	e	a	00
BIRCH POINT	MA019	Closed															214.9	221.9	e	e	a	00
GARROCH HEAD	MA018	Disused															219.1	226.0	e	e	a	00
NEYLAND (OFF MILFORD HAVEN)	LU190	Open															219.4	227.9	e	e	a	00
MILFORD HAVEN	LU170	Closed															220.2	227.8	e	e	a	00

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			2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034						
ST ANNS HEAD	LU180	Closed															220.5	228.1	e	e	a	00
MILFORD HAVEN THREE	LU169	Open															224.2	229.0	e	e	a	00
HUNTERSTON	MA023	Closed															229.9	236.9	e	e	a	00
MILFORD HAVEN TWO	LU168	Open															233.5	240.7	e	e	a	00
ROTHESAY BAY	MA016	Open															239.4	246.1	e	e	a	00
BURRY PORT	LU145	Closed															239.4	249.0	e	e	a	00
MILFORD HAVEN INDUSTRIAL	LU040	Closed															252.4	255.6	e	e	a	00
CLYDE	MA020	Closed															254.1	261.0	e	e	a	00
CLOCH POINT	MA021	Open															254.7	261.6	e	e	a	00
LOCH STAOSNAIG	MA070	Closed															258.1	263.3	e	e	a	00
MUMBLES HEAD	LU150	Closed															260.1	269.8	e	e	a	00
SWANSEA BAY (INNER)	LU120	Closed															260.8	270.5	e	e	a	00
SWANSEA BAY (OUTER)	LU130	Open															263.7	273.4	e	e	a	00
BRISTOL CHANNEL	LU160	Closed															270.2	279.7	e	e	a	00
BRISTOL CHANNEL-OLD	LU047	Closed															274.4	283.9	e	e	a	00
BRISTOL CHANNEL (ROUGH)	LU050	Closed															277.6	287.2	e	e	a	00
MORTE BAY	LU030	Closed															290.1	299.4	e	e	a	00
HARTLAND POINT	LU020	Closed															290.5	299.2	e	e	a	00
USKMOUTH	LU200	Closed															299.4	309.5	e	e	a	00
CARDIFF OUTFALL TEMPORARY	LU111	Closed															302.3	312.3	e	e	a	00

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Proposed development offshore construction phase

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f	Low data confidence: Screened out of assessment.
g	No effect-receptor pathway: Screened out of assessment.

Area	Site number	Status	Construction Period (orange outline denotes proposed development offshore construction period)														Distance to array area (km)	Distance to ECC (km)	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammal Ecology	Offshore and Intertidal Ornithology
			2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034						
CARDIFF GROUNDS	LU110	Open															302.4	312.4	e	e	a	0c
NEWPORT	LU140	Open															304.5	314.6	e	e	a	0c
MERKUR BUOY	LU115	Open															305.3	315.2	e	e	a	0c
Bristol Holm Deep	LU065	Closed															307.0	317.0	e	e	a	0c
BRISTOL DEEP	LU060	Closed															308.4	318.5	e	e	a	0c
Oldbury Power Station B	LU088	Closed															309.2	319.3	e	e	a	0c
OLDBURY POWER STATION	LU087	Closed															309.8	319.8	e	e	a	0c
DENNY ISLAND BEACON	LU100	Closed															310.3	320.4	e	e	a	0c
NEW DENNY ISLAND	LU101	Closed															310.3	320.4	e	e	a	0c
AVONMOUTH (OUTER)	LU090	Closed															312.0	322.1	e	e	a	0c
PORTISHEAD	LU070	Open															312.8	322.9	e	e	a	0c
TIREE	MA080	Closed															312.8	317.5	e	e	a	0c
AVONMOUTH (INNER)	LU080	Open															313.2	323.2	e	e	a	0c
ROYAL PORTBURY ENTRANCE	LU083	Disused															314.3	324.4	e	e	a	0c
ROYAL EDWARD ENTRANCE	LU085	Open															314.5	324.6	e	e	a	0c
ROYAL PORTBURY PIER	LU084	Open															314.5	324.6	e	e	a	0c
WESTON FORESHORE	LU191	Closed															316.0	326.0	e	e	a	0c
Weston Foreshore 3	LU193	Open															316.1	326.1	e	e	a	0c
WESTON FORESHORE 2	LU192	Closed															316.4	326.4	e	e	a	0c
WATCHET HARBOUR	LU055	Disused															318.6	328.4	e	e	a	0c

Offshore Stage 1 and Stage 2 In-Combination Effects Matrices
Industry: Disposal

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Area	Site number	Status	Construction Period (orange outline denotes proposed development offshore construction period)														Distance to array area (km)	Distance to ECC (km)	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammal Ecology	Offshore and Intertidal Ornithology	
			2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034							
Hinkley Intake 4	LU206	Closed																319.6	329.5	e	e	a	0%
Hinkley Intake 2	LU204	Closed																319.7	329.6	e	e	a	0%
Hinkley Intake 3	LU205	Closed																319.8	329.7	e	e	a	0%
Hinkley Intake 1	LU203	Closed																319.9	329.8	e	e	a	0%
Hinkley Outfalls	LU201	Closed																321.3	331.2	e	e	a	0%
Hinkley C	LU202	Closed																322.2	332.1	e	e	a	0%
RIVER PARRETT	LU057	Closed																329.5	339.4	e	e	a	0%
PADSTOW BAY	LU010	Open																338.8	346.0	e	e	a	0%
ISLE OF EIGG	HE020	Closed																346.2	351.5	e	e	a	0%
LOCH NEVIS	HE070	Disused																365.2	371.0	e	e	a	0%
PORT MOR ISLE OF MUCK	HE080	Closed																368.3	373.3	e	e	a	0%
SOUND OF CANNA	HE025	Closed																369.4	374.4	e	e	a	0%
LANTIC BAY	PL060	Open																374.2	381.9	e	e	a	0%
TRURO RIVER	PL071	Closed																377.7	384.1	e	e	a	0%
FORT PICKLECOMBE Y	PL022	Closed																380.0	388.7	e	e	a	0%
RAME HEAD	PL030	Closed																380.4	388.8	e	e	a	0%
RAME HEAD A	PL050	Closed																380.9	389.4	e	e	a	0%
RAME HEAD SOUTH	PL031	Open																381.1	389.5	e	e	a	0%
Plymouth Deep	PL035	Open																384.6	392.9	e	e	a	0%
FALMOUTH MARINA	PL072	Disused																385.9	391.9	e	e	a	0%

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Area	Site number	Status	Construction Period (orange outline denotes proposed development offshore construction period)														Distance to array area (km)	Distance to ECC (km)	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammal Ecology	Offshore and Intertidal Ornithology	
			2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034							
Marazion Beach	PL095	Closed																387.8	392.1	e	e	a	00
PLYMOUTH	PL020	Closed																388.4	396.9	e	e	a	00
NEWLYN HARBOUR	PL110	Closed																390.3	394.4	e	e	a	00
MOUNTS BAY	PL100	Open																390.5	394.8	e	e	a	00
FALMOUTH BAY	PL080	Closed																392.2	398.7	e	e	a	00
FALMOUTH BAY	PL070	Closed																392.8	399.3	e	e	a	00
FALMOUTH BAY (B)	PL075	Open																393.4	399.9	e	e	a	00
KINGSWEAR	PL007	Closed																393.8	403.2	e	e	a	00
CASTLE POINT	PL005	Closed																394.4	403.8	e	e	a	00
EDDYSTON	PL040	Closed																396.9	405.2	e	e	a	00
SALCOMBE A	PL015	Closed																400.4	409.6	e	e	a	00
SALCOMBE B	PL018	Closed																400.4	409.7	e	e	a	00
START BAY	PL010	Closed																401.4	410.7	e	e	a	00
BOLT HEAD	PL019	Closed																403.1	412.3	e	e	a	00
BÀGH ÙIGE	HE034	Open																427.51	432.65	e	e	a	00
LOCH MADDY	HE030	Closed																435.0	439.7	e	e	a	00
LEVERBURGH	HE033	Closed																447.9	452.6	e	e	a	00
ULLAPOOL (LOCH BROOM)	HE050	Disused																463.2	469.4	e	e	a	00
LOCHINVER	HE040	Closed																489.3	495.3	e	e	a	00
STORNOWAY	HE035	Closed																494.4	499.7	e	e	a	00

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Area	Site number	Status	Construction Period (orange outline denotes proposed development offshore construction period)														Distance to array area (km)	Distance to ECC (km)	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammal Ecology	Offshore and Intertidal Ornithology	
			2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034							
LOCH INCHARD	HE060	Closed																525.9	532.0	e	e	a	00
Dounreay MicroSite	FI002	Closed																554.2	560.9	e	e	a	00
SCRABSTER	FI005	Closed																563.0	569.9	e	e	a	00
Scrabster Extension	FI008	Closed																563.3	570.1	e	e	a	00
THURSO	FI010	Closed																563.7	570.6	e	e	a	00
GILLS BAY	FI030	Closed																572.2	579.2	e	e	a	00
SCAPA	FI055	Disused																586.6	593.6	e	e	a	00
STROMNESS B	FI050	Closed																596.0	602.9	e	e	a	00
STROMNESS C	FI045	Closed																598.7	605.6	e	e	a	00
STROMNESS A	FI040	Disused																599.1	605.9	e	e	a	00
KIRKWALL	FI015	Closed																614.0	621.0	e	e	a	00
ORKNEY	FI020	Closed																637.1	644.2	e	e	a	00
ATLANTIC FISH WASTE	AT090	Closed																641.9	646.6	e	e	a	00
NORTH FENI RIDGE	AT001	Closed																671.3	675.9	e	e	a	00
NORTH HAVEN	FI110	Closed																697.1	704.4	e	e	a	00
Celtic Deep	AT055	Closed																705.9	696.2	e	e	a	00
FOULA	FI100	Disused																745.8	752.8	e	e	a	00
SCALLOWAY	FI095	Closed																759.6	766.8	e	e	a	00
PUNDS VOE	FI090	Closed																762.2	769.5	e	e	a	00
TOFT	FI125	Disused																800.1	807.3	e	e	a	00

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Industry: Disposal

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Area	Site number	Status	Construction Period (orange outline denotes proposed development offshore construction period)													Distance to array area (km)	Distance to ECC (km)	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammal Ecology	Offshore and Intertidal Ornithology			
			2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033							2034		
ULSTA	FI120	Disused																	801.7	808.9	e	e	a	g

Offshore Stage 1 and Stage 2 In-Combination Effects Matrices
Industry: Aggregates and Disposal

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Permit Number	Permit holder	Method	Construction Period (orange outline denotes proposed development offshore construction period)													Distance to array area (km)	Distance to ECC (km)	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammal Ecology	Offshore and Intertidal Ornithology	
			2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033							2034
S0026-01	Aughanish Alumina Limited	Plough dredging - silt and fine sand															235.9	221.1	e	e	a	g
S0026-01	Aughanish Alumina Limited	Plough dredging - silt and fine sand															235.9	221.1	e	e	a	g
S0026-01	Aughanish Alumina Limited	Plough dredging - silt and fine sand															235.9	221.1	e	e	a	g
S0020-02	L&M Keating Maritime Limited	Plough Dredging															262.9	247.8	e	e	a	g
S0007-03	Kerry County Council	Plough dredging															302.5	287.8	e	e	a	g
S0007-03	Kerry County Council	Release of dredge material through the hull of the vessel while the vessel is in motion															302.5	287.8	e	e	a	g
S0007-03	Kerry County Council	Release of dredge material through the hull of the vessel while the vessel is in motion															302.5	287.8	e	e	a	g
S0007-03	Kerry County Council	Plough dredging															302.5	287.8	e	e	a	g
S0007-03	Kerry County Council	Plough dredging															302.5	287.8	e	e	a	g
S0007-03	Kerry County Council	Plough dredging															302.5	287.8	e	e	a	g
S0032-01	PSE Kinsale Energy Limited Cork	Dumping at sea (leaving in situ) of a redundant gas export pipeline, in-field gas pipelines and in-field umbilicals associated with the decommissioning of the Kinsale Head gas fields and facilities. In total, approximately 92km of pipelines, varying in size from 273-610mm and 21km of umbilicals, varying in diameter from 82-98mm will be left in situ.															373.1	366.7	e	e	a	g
S0035-01	PSE Seven Heads Limited	Dumping at sea (leaving in situ) of a redundant gas export pipeline, in-field gas pipelines and in-field umbilicals associated with the decommissioning of the Seven Heads gas fields and facilities. In total, 61km of pipelines, of either 8 inch or 18inch in diameter will be left in situ. In total 61km of umbilicals will be left in situ, of either 93.2mm or 123.5mm in diameter.															384.2	377.3	e	e	a	g

**Offshore Stage 1 and Stage 2 In-Combination Effects Matrices
Industry: Shipping & Ports**

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		2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034						
Bremore Port	Bremore															16.3	0.2	e	f	f	UC
Dublin Port	Dublin															22.9	35.8	e	a	a	UC
Port	Kilkeel															34.2	39.0	e	a	a	UC
Traffic Separation Scheme Lanes	Off Skerries															63.5	72.8	e	a	a	UC
Traffic Separation Scheme Lanes	Off Skerries															67.1	76.4	e	a	a	UC
Traffic Separation Scheme Lanes	Off Skerries															70.7	80.1	e	a	a	UC
Traffic Separation Zones	Off Skerries															72.6	80.4	e	a	a	UC
Traffic Separation Scheme Lanes	Off Skerries															77.2	85.5	e	a	a	UC
Traffic Separation Zones	Off Smalls															77.2	85.5	e	a	a	UC
Port	Belfast															96.5	102.1	e	a	a	UC
Port	Douglas															101.7	110.2	e	e	a	UC
Port	Kilroot															109.9	116.1	e	e	a	UC
Port	Ramsey															116.6	125.0	e	e	a	UC
Traffic Separation Scheme Lanes	In Liverpool Bay															142.1	149.7	e	e	a	UC
Traffic Separation Zones	In Liverpool Bay															142.1	149.7	e	e	a	UC
Traffic Separation Scheme Lanes	In Liverpool Bay															142.6	150.3	e	e	a	UC
Traffic Separation Zones	In Liverpool Bay															142.6	150.3	e	e	a	UC
Areas to be Avoided	In Liverpool Bay															148.8	156.4	e	e	a	UC
Port	Liverpool Bay Terminal															151.7	159.3	e	e	a	UC
Traffic Separation Scheme Lanes	In the North Channel															164.6	169.9	e	e	a	UC

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		2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034							
Port	Londonderry																165.1	169.5	e	e	a	nc
Traffic Separation Scheme Lanes	In the North Channel																168.6	174.2	e	e	a	nc
Port	WORKINGTON																171.7	180.1	e	e	a	nc
Traffic Separation Scheme Lanes	In the North Channel																177.3	182.4	e	e	a	nc
Traffic Separation Zones	In the North Channel																177.3	182.4	e	e	a	nc
Traffic Separation Scheme Lanes	In the North Channel																183.4	188.7	e	e	a	nc
Port	Fishguard																185.5	194.4	e	e	a	nc
Traffic Separation Scheme Lanes	Off Smalls																192.4	195.1	e	e	a	nc
Traffic Separation Scheme Lanes	Off Smalls																194.9	198.7	e	e	a	nc
Port	Heysham																195.2	203.4	e	e	a	nc
Port	Ayr																207.1	214.5	e	e	a	nc
Areas to be Avoided	Between the Smalls Lighthouse and Grassholme Island																207.2	211.9	e	e	a	nc
Port	Foynes																240.5	225.8	e	e	a	nc
Port	Cork																252.7	242.0	e	e	a	nc
Port	Kilrush																262.7	247.6	e	e	a	nc
Port	Port Talbot																263.0	272.8	e	e	a	nc
Deep Water Route Part	Deep Water route west of the Hebrides																363.2	367.8	e	e	a	nc
Traffic Separation Scheme Lanes	Off Land's End, Between Seven Stones and Longships																363.6	366.1	e	e	a	nc

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		2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034						
Traffic Separation Zones	Off Land's End, Between Seven Stones and Longships															363.6	366.1	e	e	a	gc
Traffic Separation Scheme Lanes	Off Land's End, Between Seven Stones and Longships															363.8	365.8	e	e	a	gc
Traffic Separation Zones	Off Land's End, Between Seven Stones and Longships															363.8	365.8	e	e	a	gc
Inshore Traffic Zones	Off Land's End, Between Seven Stones and Longships															382.1	385.0	e	e	a	gc
Inshore Traffic Zones	Isles of Scilly															386.3	388.1	e	e	a	gc
Traffic Separation Scheme Lanes	West of the Scilly Isles															399.1	397.9	e	e	a	gc
Traffic Separation Zones	West of the Scilly Isles															399.1	397.9	e	e	a	gc
Traffic Separation Scheme Lanes	West of the Scilly Isles															400.3	399.7	e	e	a	gc
Traffic Separation Zones	West of the Scilly Isles															400.3	399.7	e	e	a	gc
Traffic Separation Scheme Lanes	Off Neist Point in The Minches															410.4	415.2	e	e	a	gc
Traffic Separation Scheme Lanes	Off Neist Point in The Minches															411.6	416.3	e	e	a	gc
Traffic Separation Scheme Lanes	Off Neist Point in The Minches															414.2	419.0	e	e	a	gc
Traffic Separation Zones	Off Neist Point in The Minches															414.2	419.0	e	e	a	gc

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		2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034						
Traffic Separation Scheme Lanes	Off Neist Point in The Minches															416.0	420.7	e	e	a	0c
Traffic Separation Scheme Lanes	South of the Scilly Isles															430.5	431.6	e	e	a	0c
Traffic Separation Zones	South of the Scilly Isles															430.5	431.6	e	e	a	0c
Traffic Separation Scheme Lanes	South of the Scilly Isles															439.8	440.9	e	e	a	0c
Traffic Separation Zones	South of the Scilly Isles															439.8	440.9	e	e	a	0c
Traffic Separation Scheme Lanes	Off Casquets															444.7	454.3	e	e	a	0c
Traffic Separation Zones	Off Casquets															444.7	454.3	e	e	a	0c
Deep Water Route Part	Deep Water route west of the Hebrides															450.6	455.2	e	e	a	0c
Traffic Separation Scheme Lanes	Off Casquets															462.9	472.4	e	e	a	0c
Traffic Separation Zones	Off Casquets															462.9	472.4	e	e	a	0c
Deep Water Route Part	Deep Water route west of the Hebrides															518.9	523.7	e	e	a	0c
Areas to be Avoided	In the Region of the Orkney Islands															581.9	588.9	e	e	a	0c
Areas to be Avoided																681.8	689.1	e	e	a	0c
Areas to be Avoided	Area to be avoided 2 - In the region of the Shetland Islands															716.6	723.9	e	e	a	0c

**Offshore Stage 1 and Stage 2 In-Combination Effects Matrices
Industry: Shipping & Ports**

Not yet/no longer operational
Abandoned/Not in use
Construction
Operation and Maintenance
Decommissioning
Unknown/Not defined as of March 2024

Proposed development offshore construction phase

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c	Potential cumulative impact exists: Screened in to assessment.
d	No temporal overlap: Screened out of assessment.
e	No physical effect-receptor overlap: Screened out of assessment.
f	Low data confidence: Screened out of assessment.
g	No effect-receptor pathway: Screened out of assessment.

Feature	Area/Country	Construction Period (orange outline denotes proposed development offshore construction period)														Distance to array area (km)	Distance to ECC (km)	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammal Ecology	Offshore and Intertidal Ornithology
		2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034						
Precautionary Areas	Precautionary area 1 - In the region of the Shetland Islands															806.2	813.1	e	e	a	nc
Areas to be Avoided	Area to be avoided 2 - In the region of the Shetland Islands															812.3	819.5	e	e	a	nc
Areas to be Avoided	Area to be avoided 1 - In the region of the Shetland Islands															814.9	822.1	e	e	a	nc
Areas to be Avoided	Area to be avoided 1 - In the region of the Shetland Islands															819.4	826.6	e	e	a	nc
Areas to be Avoided	Area to be avoided 1 - In the region of the Shetland Islands															819.5	826.6	e	e	a	nc

Offshore Stage 1 and Stage 2 In-Combination Effects Matrices
Industry: Aquaculture

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Operation and Maintenance
Decommissioning
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d	No temporal overlap: Screened out of assessment.
e	No physical effect-receptor overlap: Screened out of assessment.
f	Low data confidence: Screened out of assessment.
g	No effect-receptor pathway: Screened out of assessment.

Site ID	Licence Holder	County	Product	Construction Period (orange outline denotes proposed development offshore construction period)													Distance to array area (km)	Distance to ECC (km)	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammal Ecology	Offshore and Intertidal Ornithology			
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033							2034		
T01-101A	Ciarán Traynor	Louth	Shellfish																31.0	35.7	e	a	a	je	je
T01-025C	Carlingford Oyster Company Ltd	Louth	Shellfish																31.8	36.4	e	a	a	je	je
T01-100A	Keenan Oysters Ltd	Louth	Shellfish																31.8	36.4	e	a	a	je	je
T01-102A	Gary Lamph & Charm Louet-Feisser	Louth	Shellfish																32.0	36.6	e	a	a	je	je
T01-018A	Cooley Oysters Ltd	Louth	Shellfish																32.2	36.9	e	a	a	je	je
T01-108A	Cooley Oysters Ltd	Louth	Shellfish																32.5	37.2	e	a	a	je	je
T01-021	Cooley Oysters Ltd	Louth	Shellfish																32.7	37.4	e	a	a	je	je
T01-121A	Cooley Oysters Ltd	Louth	Shellfish																33.0	37.6	e	a	a	je	je
T01-107A	Cooley Oysters Ltd	Louth	Shellfish																33.0	37.6	e	a	a	je	je
T01-018B	Cooley Oysters Ltd	Louth	Shellfish																33.2	37.9	e	a	a	je	je
T01-094A	Cooley Oysters Ltd	Louth	Shellfish																33.4	38.0	e	a	a	je	je
T01-118A	Keenan Oysters Ltd	Louth	Shellfish																33.9	38.5	e	a	a	je	je
T01-026A	Keenan Oysters Ltd	Louth	Shellfish																34.1	38.7	e	a	a	je	je
T01-089A	Keenan Oysters Ltd	Louth	Shellfish																34.1	38.8	e	a	a	je	je
T01-117A	Keenan Oysters Ltd	Louth	Shellfish																34.3	38.9	e	a	a	je	je
T01-044A	Carlingford Oyster Company Ltd	Louth	Shellfish																34.3	39.0	e	a	a	je	je
T01-043A	Kian Louet-Feisser	Louth	Shellfish																34.4	39.1	e	a	a	je	je
T01-025A	Carlingford Oyster Company Ltd	Louth	Shellfish																34.5	39.1	e	a	a	je	je
T01-020	Cooley Oysters Ltd	Louth	Shellfish																34.6	39.2	e	a	a	je	je
T01-043C	Charm Louet-Feisser	Louth	Shellfish																34.6	39.3	e	a	a	je	je
T01-019	Cooley Oysters Ltd	Louth	Shellfish																34.7	39.3	e	a	a	je	je
T01-024	Keenan Oysters Ltd	Louth	Shellfish																34.9	39.5	e	a	a	je	je
T01-060A1	Hugh McCrum	Louth	Shellfish																34.9	39.6	e	a	a	je	je
T01-120A	Conan Lamph	Louth	Shellfish																35.0	39.6	e	a	a	je	je
T01-043B	Charm Louet-Feisser	Louth	Shellfish																35.1	39.7	e	a	a	je	je
T01-044B	Carlingford Oyster Company Ltd	Louth	Shellfish																35.3	39.9	e	a	a	je	je
T01-008A	Carlingford Oyster Company Ltd	Louth	Shellfish																35.4	40.0	e	a	a	je	je
T01-023A	Keenan Oysters Ltd	Louth	Shellfish																35.8	40.4	e	a	a	je	je
T01-004	Keenan Oysters Ltd	Louth	Shellfish																36.1	40.7	e	a	a	je	je
T01-072B1	Fresco Seafoods Ltd	Louth	Shellfish																36.2	40.8	e	a	a	je	je
T01-009	Cooley Oysters Ltd	Louth	Shellfish																36.2	40.8	e	a	a	je	je
T01-012	Cooley Oysters Ltd	Louth	Shellfish																36.3	40.9	e	a	a	je	je
T01-071A	Holland Based Shellfish International BV	Louth	Shellfish																36.4	41.0	e	a	a	je	je
T01-050A1	Carlingford Lough Shellfish Co-op Society Ltd	Louth	Shellfish																36.5	41.1	e	a	a	je	je
T01-105A	Down Mussels Ltd	Louth	Shellfish																37.6	42.2	e	a	a	je	je
T01-103A	A. McCarthy Mussels Ltd	Louth	Shellfish																38.5	43.1	e	a	a	je	je
T01-050C	Carlingford Lough Shellfish Co-op Society Ltd	Louth	Shellfish																39.7	44.3	e	a	a	je	je
T01-029B	Liam O'Connor	Louth	Shellfish																39.9	44.4	e	a	a	je	je
T01-066A	Emerald Mussels Ltd	Louth	Shellfish																40.7	45.3	e	a	a	je	je
T01-074A2	Emerald Mussels Ltd	Louth	Shellfish																40.9	45.5	e	a	a	je	je
T01-061A1	Ciaran Morgan	Louth	Shellfish																41.1	45.6	e	a	a	je	je
T01-070A1	Holland Shellfish Ireland	Louth	Shellfish																41.1	45.7	e	a	a	je	je
T01-090A	Fresco Seafoods Ltd	Louth	Shellfish																42.9	47.5	e	a	a	je	je
T32-027A	Irish Mussel Seed Company Ltd	Wicklow	Shellfish																96.2	96.3	e	a	a	je	je

Offshore Stage 1 and Stage 2 In-Combination Effects Matrices
Industry: Aquaculture

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Operation and Maintenance
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Site ID	Licence Holder	County	Product	Construction Period (orange outline denotes proposed development offshore construction period)													Distance to array area (km)	Distance to ECC (km)	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammal Ecology	Offshore and Intertidal Ornithology			
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033							2034		
T03-052A	WD Shellfish Ltd	Wexford	Shellfish																143.9	141.6	e	e	a		
T03-035C	Wexford Mussels Ltd	Wexford	Shellfish																143.9	141.8	e	e	a		
T03-055F&C	Crescent Seafoods Ltd	Wexford	Shellfish																144.0	141.8	e	e	a		
T03-049B	River Bank Mussels Ltd	Wexford	Shellfish																144.0	141.6	e	e	a		
T03-046A	Fjord Fresh Mussels Ltd	Wexford	Shellfish																144.1	141.6	e	e	a		
T03-046B	Fjord Fresh Mussels Ltd	Wexford	Shellfish																144.3	141.9	e	e	a		
T03-055E	Crescent Seafoods Ltd	Wexford	Shellfish																144.3	141.2	e	e	a		
T03-049D	River Bank Mussels Ltd	Wexford	Shellfish																144.3	141.1	e	e	a		
T03-048A	Noel & Sheila Scallan	Wexford	Shellfish																144.4	141.9	e	e	a		
T03-052B	WD Shellfish Ltd	Wexford	Shellfish																144.4	141.8	e	e	a		
T03-035A	Wexford Mussels Ltd	Wexford	Shellfish																144.6	142.0	e	e	a		
T03-030E	T.L. Mussels Ltd	Wexford	Shellfish																144.9	142.6	e	e	a		
T03-030F	T.L. Mussels Ltd	Wexford	Shellfish																144.9	142.7	e	e	a		
T03-035F&G	Wexford Mussels Ltd.	Wexford	Shellfish																145.0	142.9	e	e	a		
T03-030B	T.L. Mussels Ltd	Wexford	Shellfish																145.3	142.6	e	e	a		
T03-049A	River Bank Mussels Ltd	Wexford	Shellfish																145.5	142.8	e	e	a		
T03-071A	River Bank Mussels Ltd	Wexford	Shellfish																145.6	143.5	e	e	a		
T03-047C	Loch Garman Harbour Mussels Ltd	Wexford	Shellfish																145.6	143.1	e	e	a		
T03-035B	Wexford Mussels Ltd	Wexford	Shellfish																145.7	143.3	e	e	a		
T03-047A	Loch Garman Harbour Mussels Ltd	Wexford	Shellfish																146.3	143.5	e	e	a		
T03-030D	T.L. Mussels Ltd	Wexford	Shellfish																146.4	143.7	e	e	a		
T03-030A2	T.L. Mussels Ltd	Wexford	Shellfish																146.6	144.1	e	e	a		
T03-046C	Fjord Fresh Mussels Ltd	Wexford	Shellfish																147.0	144.5	e	e	a		
T03-049C	River Bank Mussels Ltd	Wexford	Shellfish																147.4	144.9	e	e	a		
T03-079A	Paddy Cullen	Wexford	Shellfish																148.0	145.3	e	e	a		
T03-030C	T.L. Mussels Ltd	Wexford	Shellfish																148.0	145.5	e	e	a		
T03-047B	Loch Garman Harbour Mussels Ltd	Wexford	Shellfish																148.4	146.0	e	e	a		
T03-092A	Patrick Cullen	Wexford	Shellfish																148.5	146.4	e	e	a		
T03-049C1	River Bank Mussels Ltd	Wexford	Shellfish																148.5	146.0	e	e	a		
T03-038A	Ballyteigue Oysters Ltd	Wexford	Shellfish																163.9	159.5	e	e	a		
T03-095A	Jeannette Brugman	Wexford	Shellfish																164.0	159.7	e	e	a		
T03-041-1B	Eugene Fitzpatrick	Wexford	Shellfish																164.3	158.6	e	e	a		
T03-041-1A	Eugene Fitzpatrick	Wexford	Shellfish																164.4	158.8	e	e	a		
T03-031A	Bannow Island Shellfish Ltd	Wexford	Shellfish																164.4	158.7	e	e	a		
T03-032B	Special Bannow Bay Shellfish Ltd	Wexford	Shellfish																164.4	158.9	e	e	a		
T03-032A	Special Bannow Bay Shellfish Ltd	Wexford	Shellfish																164.4	158.8	e	e	a		
T03-032-1	Special Bannow Bay Shellfish Ltd	Wexford	Shellfish																164.5	158.9	e	e	a		
T03-041B	Eugene Fitzpatrick	Wexford	Shellfish																164.5	158.9	e	e	a		
T03-025-1	Hookhead Shellfish Ltd	Wexford	Shellfish																164.6	158.9	e	e	a		

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Industry: Aquaculture

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Site ID	Licence Holder	County	Product	Construction Period (orange outline denotes proposed development offshore construction period)														Distance to array area (km)	Distance to ECC (km)	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammal Ecology	Offshore and Intertidal Ornithology	
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034							
T03-031-1	Sean Ffrench, Bannow Island Shellfish Ltd	Wexford	Shellfish															164.6	159.0	e	e	a		
T03-041A	Eugene Fitzpatrick	Wexford	Shellfish															164.8	159.1	e	e	a		
T03-031B	Bannow Island Shellfish Ltd	Wexford	Shellfish															164.8	159.2	e	e	a		
T03-025B	Hookhead Shellfish Ltd	Wexford	Shellfish															164.9	159.1	e	e	a		
T03-025A	Hookhead Shellfish Ltd	Wexford	Shellfish															165.3	159.5	e	e	a		
T04-037A	South East Shellfish Co-Op Ltd	Waterford	Shellfish															166.8	159.7	e	e	a		
T04-151A	Oceanus Fishing Ltd	Waterford	Shellfish															167.0	159.9	e	e	a		
T04-037D	South East Shellfish Co-Op Ltd	Waterford	Shellfish															168.6	161.7	e	e	a		
T04-123A	Woodstown Bay Shellfish Ltd	Waterford	Shellfish															169.5	162.7	e	e	a		
T12-009	Donegal Shellfish Ltd	Donegal	Shellfish															170.3	167.8	e	e	a		
T12-463A	Paul McHugh	Donegal	Shellfish															170.8	168.1	e	e	a		
T12-350A	Paul & George McHugh	Donegal	Shellfish															170.8	168.2	e	e	a		
T12-465A	Paul McHugh	Donegal	Shellfish															170.9	168.3	e	e	a		
T12-374A	Seabreeze Ltd	Donegal	Shellfish															170.9	168.4	e	e	a		
T04-123B	Woodstown Bay Shellfish Ltd	Waterford	Shellfish															171.0	164.2	e	e	a		
T12-350B	Paul & George McHugh	Donegal	Shellfish															171.0	168.4	e	e	a		
T12-092C	Seabreeze Ltd	Donegal	Shellfish															171.1	168.5	e	e	a		
T12-467D	Seabreeze Ltd	Donegal	Shellfish															171.1	168.6	e	e	a		
T12-402D	Seabreeze Ltd	Donegal	Shellfish															171.1	168.7	e	e	a		
T12-463B	Paul McHugh	Donegal	Shellfish															171.2	168.6	e	e	a		
T12-092B	Seabreeze Ltd	Donegal	Shellfish															171.3	168.7	e	e	a		
T04-152A	Oceanus Fishing Ltd	Waterford	Shellfish															171.7	165.0	e	e	a		
T04-140	S.B.S. Ltd	Waterford	Shellfish															171.8	165.0	e	e	a		
T12-401C	Eugene Doherty, Conor Reid & Greg McGroary	Donegal	Shellfish															171.9	169.5	e	e	a		
T12-467C	Seabreeze Ltd	Donegal	Shellfish															171.9	169.4	e	e	a		
T12-402B	Seabreeze Ltd	Donegal	Shellfish															172.0	169.5	e	e	a		
T12-467B	Seabreeze Ltd	Donegal	Shellfish															172.1	169.6	e	e	a		
T12-092A	Seabreeze Ltd	Donegal	Shellfish															172.1	169.5	e	e	a		
T04-139	Patrick Dwyer	Waterford	Shellfish															172.2	165.4	e	e	a		
T12-401B	Eugene Doherty, Conor Reid & Greg McGroary	Donegal	Shellfish															172.4	170.0	e	e	a		
T04-134	William Joseph Dwyer	Waterford	Shellfish															172.4	165.6	e	e	a		
T12-347A	Racoo Shellfish Ltd & Bells Isle Seafood Ltd	Donegal	Shellfish															172.6	170.1	e	e	a		
T12-467A	Seabreeze Ltd	Donegal	Shellfish															172.6	170.1	e	e	a		
T04-136	Bells Isle Seafood Ltd and PKD Oysters Ltd	Waterford	Shellfish															172.7	165.9	e	e	a		
T12-401A	Eugene Doherty, Conor Reid & Greg McGroary	Donegal	Shellfish															172.7	170.3	e	e	a		
T04-137	Patrick Moran	Waterford	Shellfish															172.8	166.1	e	e	a		
T12-402C	Seabreeze Ltd	Donegal	Shellfish															172.9	170.4	e	e	a		
T04-135	Philip Walsh	Waterford	Shellfish															173.0	166.2	e	e	a		
T04-133	Paul Bennett	Waterford	Shellfish															173.1	166.3	e	e	a		
T04-138	Patrick Moran & Anthony Fortune	Waterford	Shellfish															173.2	166.4	e	e	a		
T12-346A	Donegal Oysters Ltd	Donegal	Shellfish															173.4	170.9	e	e	a		

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g	No effect-receptor pathway: Screened out of assessment.

Site ID	Licence Holder	County	Product	Construction Period (orange outline denotes proposed development offshore construction period)													Distance to array area (km)	Distance to ECC (km)	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammal Ecology	Offshore and Intertidal Ornithology	
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033							2034
T04-131	Woodstown Bay Shellfish Ltd	Waterford	Shellfish															173.5	166.7	e	e	a	je
T12-243D	Donegal Oysters Ltd	Donegal	Shellfish															173.5	171.0	e	e	a	je
T04-044	Woodstown Bay Shellfish Ltd	Waterford	Shellfish															173.5	166.7	e	e	a	je
T12-349A	Donegal Oceandeep Oysters Ltd	Donegal	Shellfish															173.6	171.1	e	e	a	je
T12-243C	Donegal Oysters Ltd	Donegal	Shellfish															173.7	171.1	e	e	a	je
T12-145B	Donegal Oceandeep Oysters Ltd	Donegal	Shellfish															173.9	171.3	e	e	a	je
T12-446A	Donegal Aquaculture Services Ltd	Donegal	Shellfish															174.0	171.4	e	e	a	je
T12-243A	Donegal Oysters Ltd	Donegal	Shellfish															174.1	171.5	e	e	a	je
T12-371A	Enda Travers	Donegal	Shellfish															174.2	171.6	e	e	a	je
T12-145A	Donegal Oceandeep Oysters Ltd	Donegal	Shellfish															174.2	171.6	e	e	a	je
T12-243B	Donegal Oysters Ltd	Donegal	Shellfish															174.2	171.6	e	e	a	je
T04-044-1	Woodstown Bay Shellfish Ltd	Waterford	Shellfish															174.2	167.5	e	e	a	je
T12-396	Donegal Oceandeep Oysters Ltd & Donegal Oysters Ltd	Donegal	Shellfish															174.4	171.8	e	e	a	je
T04-037E	South East Shellfish Co-Op Ltd	Waterford	Shellfish															174.9	168.2	e	e	a	je
T04-156A	Irish Seed Mussel Company Ltd	Waterford	Shellfish															175.4	168.8	e	e	a	je
T12-037B4	Lough Swilly Shellfish Growers Co-op Society Ltd	Donegal	Shellfish															175.4	179.2	e	e	a	je
T12-037B2	Lough Swilly Shellfish Growers Co-op Society Ltd	Donegal	Shellfish															175.6	179.2	e	e	a	je
T04-155A	Irish Seed Mussel Company Ltd	Waterford	Shellfish															175.7	169.0	e	e	a	je
T04-154A	Irish Seed Mussel Company Ltd	Waterford	Shellfish															176.1	169.4	e	e	a	je
T12-443A	Rory McHugh	Donegal	Shellfish															176.3	173.4	e	e	a	je
T12-037A1	Lough Swilly Shellfish Growers Co-op Society Ltd	Donegal	Shellfish															176.3	180.3	e	e	a	je
T11-056B	Dorrins Shellfish Ltd	Sligo	Shellfish															176.5	169.6	e	e	a	je
T11-041A	Ongrow Shellfish Ltd	Sligo	Shellfish															176.6	169.7	e	e	a	je
T11-041B	Ongrow Shellfish Ltd	Sligo	Shellfish															176.7	169.7	e	e	a	je
T04-153A	Irish Seed Mussel Company Ltd	Waterford	Shellfish															176.7	170.0	e	e	a	je
T11-056A	Dorrins Shellfish Ltd	Sligo	Shellfish															176.8	169.8	e	e	a	je
T11-081A	Lurgan Green Shellfish Ltd	Sligo	Shellfish															176.9	170.0	e	e	a	je
T11-057B	Lurgan Green Shellfish Ltd	Sligo	Shellfish															177.0	170.0	e	e	a	je
T11-082A	Ongrow Shellfish Ltd	Sligo	Shellfish															177.1	170.1	e	e	a	je
T11-084A	Patrick Carter	Sligo	Shellfish															177.1	170.1	e	e	a	je
T11-057A	Lurgan Green Shellfish Ltd	Sligo	Shellfish															177.2	170.2	e	e	a	je
T12-343A	Alan O'Sullivan	Donegal	Shellfish															177.2	180.6	e	e	a	je
T11-083A	Coney Island Shellfish Ltd	Sligo	Shellfish															177.8	170.8	e	e	a	je
T11-030D	Coney Island Shellfish Ltd	Sligo	Shellfish															177.9	170.9	e	e	a	je

Offshore Stage 1 and Stage 2 In-Combination Effects Matrices
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Site ID	Licence Holder	County	Product	Construction Period (orange outline denotes proposed development offshore construction period)														Distance to array area (km)	Distance to ECC (km)	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammal Ecology	Offshore and Intertidal Ornithology
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034						
T11-030B	Coney Island Shellfish Ltd	Sligo	Shellfish															177.9	171.0	e	e	a	je
T12-037A2	Lough Swilly Shellfish Growers Co-op Society Ltd	Donegal	Shellfish															178.3	182.2	e	e	a	je
T12-037B1	Lough Swilly Shellfish Growers Co-op Society Ltd	Donegal	Shellfish															178.4	182.0	e	e	a	je
T12-428A	Kieran, Michael, Paul & Thomas McHugh	Donegal	Echinoderm															178.4	175.2	e	e	a	je
T11-088A	Eoin Carter	Sligo	Shellfish															178.5	171.6	e	e	a	je
T11-002A	Noelle Woodsen	Sligo	Shellfish															178.7	171.1	e	e	a	je
T11-089A	Mark Wirtz	Sligo	Shellfish															179.0	172.0	e	e	a	je
T11-078A	David Fowley	Sligo	Shellfish															179.1	172.4	e	e	a	je
T11-003C	John Farr	Sligo	Shellfish															179.1	171.3	e	e	a	je
T11-050A	Sea Trawl Ltd.	Sligo	Shellfish															179.3	172.6	e	e	a	je
T11-090A	Glen Hunter	Sligo	Shellfish															179.4	172.4	e	e	a	je
T11-009BOFO	Jocelyn Gore-Booth	Sligo	Shellfish															179.4	172.8	e	e	a	je
T11-002B	Noelle Woodsen	Sligo	Shellfish															179.5	171.9	e	e	a	je
T11-016A	Armada Shellfish Company Ltd	Sligo	Shellfish															179.7	173.0	e	e	a	je
T12-251A	Conor Blake	Donegal	Shellfish															179.7	183.2	e	e	a	je
T11-003B	John Farr	Sligo	Shellfish															179.7	172.0	e	e	a	je
T11-003A	John Farr	Sligo	Shellfish															179.8	172.1	e	e	a	je
T11-086A	Eamonn Caffrey	Sligo	Shellfish															179.9	172.6	e	e	a	je
T12-063B	Comhlucht Iascaireachta Fanad Teoranta	Donegal	Finfish															180.0	176.9	e	e	a	je
T11-009AOFO	Jocelyn Gore-Booth	Sligo	Shellfish															180.0	173.3	e	e	a	je
T11-002C	Noelle Woodsen	Sligo	Shellfish															180.0	172.5	e	e	a	je
T12-063A	Comhlucht Iascaireachta Fanad Teoranta	Donegal	Finfish															180.1	177.0	e	e	a	je
T11-011A	Alexander Crichton	Sligo	Shellfish															180.6	172.8	e	e	a	je
T11-076A	Atlantic Clams Ireland Ltd	Sligo	Shellfish															180.7	174.0	e	e	a	je
T11-025A	Atlantic Clams Ireland Ltd	Sligo	Shellfish															180.7	174.1	e	e	a	je
T12-096B	Comhlucht Iascaireachta Fanad Teoranta	Donegal	Finfish															180.8	177.7	e	e	a	je
T11-075A	Coney Island Shellfish Ltd	Sligo	Shellfish															181.0	173.7	e	e	a	je
T12-096A	Comhlucht Iascaireachta Fanad Teoranta	Donegal	Finfish															181.0	177.9	e	e	a	je
T12-251B	Conor Blake	Donegal	Shellfish															181.4	184.8	e	e	a	je
T11-076B	Atlantic Clams Ireland Ltd	Sligo	Shellfish															181.4	174.8	e	e	a	je
T12-538A	Gary Kennedy	Donegal	Aquatic Plant, Echinoderm, Shellfish															181.4	178.2	e	e	a	je
T12-284	Atlantic Crab Ltd.	Donegal	Shellfish															181.5	185.3	e	e	a	je

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Site ID	Licence Holder	County	Product	Construction Period (orange outline denotes proposed development offshore construction period)														Distance to array area (km)	Distance to ECC (km)	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammal Ecology	Offshore and Intertidal Ornithology	
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034							
T12-535A	Damien Kennedy	Donegal	Aquatic Plant, Echinoderm, Shellfish																181.5	178.2	e	e	a	g
T11-076C	Atlantic Clams Ireland Ltd	Sligo	Shellfish																181.6	175.0	e	e	a	g
T11-005A	Jan W Prinz	Sligo	Shellfish																181.6	173.9	e	e	a	g
T12-276B	Ocean Farm Ltd	Donegal	Finfish																182.0	178.6	e	e	a	g
T12-276A	Ocean Farm Ltd	Donegal	Finfish																182.4	178.8	e	e	a	g
T12-276C	Ocean Farm Ltd	Donegal	Finfish																182.7	179.3	e	e	a	g
T12-211C	Inishowen Mussels Ltd	Donegal	Shellfish																183.1	187.1	e	e	a	g
T12-381D	Ocean Farm Ltd	Donegal	Shellfish																183.4	179.7	e	e	a	g
T12-381C	Ocean Farm Ltd	Donegal	Shellfish																183.7	179.9	e	e	a	g
T12-381B	Ocean Farm Ltd	Donegal	Shellfish																184.0	180.1	e	e	a	g
T12-381A	Ocean Farm Ltd	Donegal	Shellfish																184.2	180.3	e	e	a	g
T12-266E	Ocean Farm Ltd	Donegal	Finfish																184.6	181.1	e	e	a	g
T12-404B	Natura Mussels Ltd	Donegal	Shellfish																185.0	181.5	e	e	a	g
T12-404A	Natura Mussels Ltd	Donegal	Shellfish																185.0	181.5	e	e	a	g
T12-288B	Inishowen Mussels Ltd	Donegal	Shellfish																185.5	189.5	e	e	a	g
T12-064A	Gerard McMenamin	Donegal	Shellfish																185.7	182.3	e	e	a	g
T12-266D	Ocean Farm Ltd	Donegal	Finfish																185.9	182.3	e	e	a	g
T12-425A	Natura Mussels Ltd	Donegal	Shellfish																186.0	182.5	e	e	a	g
T12-266F	Ocean Farm Ltd	Donegal	Finfish																186.0	182.4	e	e	a	g
T12-456A	Ballyloughan Shellfish Ltd	Donegal	Shellfish																186.2	182.8	e	e	a	g
T12-425B	Natura Mussels Ltd	Donegal	Shellfish																186.3	182.8	e	e	a	g
T12-062B	Ballyloughan Shellfish Ltd	Donegal	Shellfish																186.5	183.0	e	e	a	g
T12-266C	Ocean Farm Ltd	Donegal	Finfish																186.5	182.8	e	e	a	g
T12-462A	Derek Diver	Donegal	Shellfish																186.7	190.9	e	e	a	g
T12-266B	Ocean Farm Ltd	Donegal	Finfish																186.7	183.2	e	e	a	g
T12-266A	Ocean Farm Ltd	Donegal	Finfish																187.0	183.3	e	e	a	g
T12-085B	Hydro Seafood Fanad	Donegal	Finfish																187.3	191.3	e	e	a	g
T12-202C	Hector McIlwaine	Donegal	Shellfish																189.3	192.4	e	e	a	g
T12-499A	Mulroy Bay Mussels Ltd	Donegal	Shellfish																189.3	192.4	e	e	a	g
T12-202-1B	Hector McIlwaine	Donegal	Shellfish																189.5	192.6	e	e	a	g
T12-288C	Inishowen Mussels Ltd	Donegal	Shellfish																189.9	194.0	e	e	a	g
T12-053B	Mulroy Bay Mussels Ltd	Donegal	Shellfish																191.3	194.6	e	e	a	g
T12-053C	Mulroy Bay Mussels Ltd	Donegal	Shellfish																191.3	194.6	e	e	a	g
T12-260B	Iasc Sliogach Uisce Leathan Teo	Donegal	Shellfish																191.6	195.0	e	e	a	g
T12-209B	Iasc Sliogach Uisce Leathan Teo	Donegal	Shellfish																191.8	195.2	e	e	a	g
T12-415A	Stephen Kearney	Donegal	Shellfish																191.8	196.3	e	e	a	g
T12-420A	Anthony Kearney	Donegal	Shellfish																191.8	196.3	e	e	a	g
T12-406A	Shaun McDaid	Donegal	Shellfish																191.9	196.4	e	e	a	g
T12-209	Iasc Sliogach Uisce Leathan Teo	Donegal	Shellfish																191.9	195.3	e	e	a	g
T12-523A	Kearney Oysters Ltd	Donegal	Shellfish																191.9	196.4	e	e	a	g
T12-530A	John Friel (Friel Agri Marine)	Donegal	Shellfish																191.9	196.4	e	e	a	g

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				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033							2034
T12-203E	North West Shell Fish Ltd	Donegal	Shellfish															191.9	195.4	e	e	a	je
T12-418A	Stephen Kearney	Donegal	Shellfish															191.9	196.5	e	e	a	je
T12-360A	Patrick McDauid	Donegal	Shellfish															191.9	196.5	e	e	a	je
T12-212	Iasc Sliogach Uisce Leathan Teo	Donegal	Shellfish															192.0	195.3	e	e	a	je
T12-209A	Iasc Sliogach Uisce Leathan Teo	Donegal	Shellfish															192.0	195.4	e	e	a	je
T12-231	Stephen Kearney	Donegal	Shellfish															192.0	196.6	e	e	a	je
T12-429A	Stephen Kearney	Donegal	Shellfish															192.1	196.6	e	e	a	je
T12-549A	ASK Oysters Ltd	Donegal	Shellfish															192.1	196.6	e	e	a	je
T12-522A	Oran Kearney	Donegal	Shellfish															192.1	196.6	e	e	a	je
T12-427B	Philip C Doherty	Donegal	Shellfish															192.1	196.6	e	e	a	je
T12-528A	Hurrikayn Oysters Ltd	Donegal	Shellfish															192.1	196.7	e	e	a	je
T12-560A	Hurrikayn Oysters Ltd	Donegal	Shellfish															192.1	196.7	e	e	a	je
T12-215	Anthony Kearney	Donegal	Shellfish															192.2	196.7	e	e	a	je
T12-427A	Philip C Doherty	Donegal	Shellfish															192.2	196.7	e	e	a	je
T12-252B	Martin Coll	Donegal	Shellfish															192.2	195.6	e	e	a	je
T12-520A	Kearney Oysters Ltd	Donegal	Shellfish															192.2	196.7	e	e	a	je
T12-550A	ASK Oysters Ltd	Donegal	Shellfish															192.2	196.7	e	e	a	je
T12-439A	James Ball	Donegal	Shellfish															192.3	196.8	e	e	a	je
T12-252	Martin Coll	Donegal	Shellfish															192.3	195.6	e	e	a	je
T12-252A	Martin Coll	Donegal	Shellfish															192.3	195.6	e	e	a	je
T12-367A	James Ball	Donegal	Shellfish															192.3	196.8	e	e	a	je
T12-322A	James Ball	Donegal	Shellfish															192.3	196.9	e	e	a	je
T12-359A	Bells Isle Seafoods Ltd	Donegal	Shellfish															192.4	196.9	e	e	a	je
T12-447A	Patrick McDauid	Donegal	Shellfish															192.4	196.9	e	e	a	je
T12-011	Hector McIlwaine	Donegal	Shellfish															192.4	195.8	e	e	a	je
T12-436D	Danny McDermott	Donegal	Shellfish															192.4	196.9	e	e	a	je
T12-333A	Danny McDermott	Donegal	Shellfish															192.4	196.9	e	e	a	je
T12-363A	Bells Isle Seafoods Ltd	Donegal	Shellfish															192.4	196.9	e	e	a	je
T12-436C	Danny McDermott	Donegal	Shellfish															192.4	197.0	e	e	a	je
T12-011-1	Hector McIlwaine	Donegal	Shellfish															192.5	195.8	e	e	a	je
T12-375A	Barr Oysters Ltd	Donegal	Shellfish															192.5	197.0	e	e	a	je
T12-332A	Barr Oysters Ltd	Donegal	Shellfish															192.5	197.0	e	e	a	je
T12-436B	Danny McDermott	Donegal	Shellfish															192.5	197.1	e	e	a	je
T12-358A	Danny McDermott	Donegal	Shellfish															192.6	197.1	e	e	a	je
T12-436A	Danny McDermott	Donegal	Shellfish															192.6	197.1	e	e	a	je
T12-387A	North West Shell Fish Ltd	Donegal	Shellfish															192.6	195.9	e	e	a	je
T12-260C	Iasc Sliogach Uisce Leathan Teo	Donegal	Shellfish															192.6	196.0	e	e	a	je
T12-468A	Danny McDermott	Donegal	Shellfish															192.6	197.1	e	e	a	je
T12-386A	Alan Rankin	Donegal	Shellfish															192.6	197.2	e	e	a	je
T12-203J	North West Shell Fish Ltd	Donegal	Shellfish															192.6	196.1	e	e	a	je
T12-384A	Philip Doherty	Donegal	Shellfish															192.7	197.2	e	e	a	je
T12-454A	William Coffey	Donegal	Shellfish															192.7	197.2	e	e	a	je
T12-190A	Derek Diver	Donegal	Shellfish															192.7	197.2	e	e	a	je
T12-345A-1	Derek Diver	Donegal	Shellfish															192.7	197.2	e	e	a	je
T12-260A	Iasc Sliogach Uisce Leathan Teo	Donegal	Shellfish															192.7	196.1	e	e	a	je
T12-227	Alan & Cara Byrne	Donegal	Shellfish															192.7	197.3	e	e	a	je
T12-351A	Gerry Diver	Donegal	Shellfish															192.7	197.3	e	e	a	je
T12-345A	Derek Diver	Donegal	Shellfish															192.8	197.3	e	e	a	je
T12-459A	Derek Diver	Donegal	Shellfish															192.8	197.3	e	e	a	je
T12-457A	Derek Diver	Donegal	Shellfish															192.8	197.3	e	e	a	je

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				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034						
T12-368A	Crocknagee Oysters Ltd	Donegal	Shellfish															192.8	197.3	e	e	a	ja
T12-547A	Daniel McGonigle	Donegal	Shellfish															192.8	197.3	e	e	a	ja
T12-353A	William Coffey	Donegal	Shellfish															192.8	197.3	e	e	a	ja
T12-345B-1	Derek Diver	Donegal	Shellfish															192.8	197.4	e	e	a	ja
T12-492A	Derek Diver	Donegal	Shellfish															192.9	197.4	e	e	a	ja
T12-473A	Michael Farren	Donegal	Shellfish															192.9	197.4	e	e	a	ja
T12-244A	Hurrikayn Oysters Ltd	Donegal	Shellfish															192.9	197.4	e	e	a	ja
T12-387B	North West Shell Fish Ltd	Donegal	Shellfish															192.9	196.2	e	e	a	ja
T12-383A	Hurrikayn Oysters Ltd	Donegal	Shellfish															193.0	197.5	e	e	a	ja
T12-553A	William Coffey	Donegal	Shellfish															193.0	197.5	e	e	a	ja
T12-555A	Northern Bay Oysters Ltd	Donegal	Shellfish															193.0	197.6	e	e	a	ja
T12-385A	John McKinney	Donegal	Shellfish															193.1	197.6	e	e	a	ja
T12-077F	Hydro Seafood Fanad	Donegal	Finfish															193.1	196.5	e	e	a	ja
T12-177	John McKinney	Donegal	Shellfish															193.2	197.7	e	e	a	ja
T12-437B	John McKinney	Donegal	Shellfish															193.2	197.7	e	e	a	ja
T12-557A	Oceanic Organic Oysters Ltd	Donegal	Shellfish															193.2	197.7	e	e	a	ja
T12-543A	Oceanic Organic Oysters Ltd	Donegal	Shellfish															193.2	197.8	e	e	a	ja
T12-355A	Shaun McKinney	Donegal	Shellfish															193.3	197.8	e	e	a	ja
T12-544A	Oceanic Organic Oysters Ltd	Donegal	Shellfish															193.3	197.8	e	e	a	ja
T12-558A	Oceanic Organic Oysters Ltd	Donegal	Shellfish															193.3	197.8	e	e	a	ja
T12-336A	John McKinney	Donegal	Shellfish															193.3	197.9	e	e	a	ja
T12-437A	John McKinney	Donegal	Shellfish															193.3	197.9	e	e	a	ja
T12-466A	James Ball	Donegal	Shellfish															193.3	197.9	e	e	a	ja
T12-504A	James Ball	Donegal	Shellfish															193.4	197.9	e	e	a	ja
T12-203D	North West Shell Fish Ltd	Donegal	Shellfish															193.4	196.7	e	e	a	ja
T12-203C	North West Shell Fish Ltd	Donegal	Shellfish															193.4	196.7	e	e	a	ja
T12-571A	James Ball	Donegal	Shellfish															193.4	197.9	e	e	a	ja
T12-450B	Patrick Porteous	Donegal	Shellfish															193.4	198.0	e	e	a	ja
T12-229	Patrick Porteous	Donegal	Shellfish															193.5	198.0	e	e	a	ja
T12-450A	Patrick Porteous	Donegal	Shellfish															193.5	198.0	e	e	a	ja
T12-540A	Philip Doherty	Donegal	Shellfish															193.5	198.0	e	e	a	ja
T12-444A	Philip Doherty	Donegal	Shellfish															193.5	198.0	e	e	a	ja
T12-352A	Philip Doherty	Donegal	Shellfish															193.5	198.0	e	e	a	ja
T12-301	Philip Doherty	Donegal	Shellfish															193.6	198.1	e	e	a	ja
T12-453A	Oceanic Organic Oysters Ltd	Donegal	Shellfish															193.7	198.2	e	e	a	ja
T12-568A	Oceanic Organic Oysters Ltd	Donegal	Shellfish															193.7	198.2	e	e	a	ja
T12-497A	Lorraine Gallagher	Donegal	Aquatic Plant															193.7	197.1	e	e	a	ja
T12-230A	Oceanic Organic Oysters Ltd	Donegal	Shellfish															193.7	198.2	e	e	a	ja
T12-570A	Oceanic Organic Oysters Michael & Eunan	Donegal	Shellfish															193.7	198.2	e	e	a	ja
T12-475A	McLaughlin	Donegal	Shellfish															193.8	198.3	e	e	a	ja
T12-566A	Oceanic Organic Oysters Ltd	Donegal	Shellfish															193.8	198.3	e	e	a	ja
T12-426A	James Ball	Donegal	Shellfish															193.8	198.3	e	e	a	ja
T12-561A	James Ball	Donegal	Shellfish															193.9	198.4	e	e	a	ja
T12-562A	Atlantic Crab Ltd	Donegal	Shellfish															193.9	198.4	e	e	a	ja
T12-563A	Atlantic Crab Ltd	Donegal	Shellfish															193.9	198.4	e	e	a	ja
T12-434A	Michael Barr	Donegal	Shellfish															193.9	198.4	e	e	a	ja
T12-369A	Atlantic Crab Ltd	Donegal	Shellfish															193.9	198.4	e	e	a	ja

Offshore Stage 1 and Stage 2 In-Combination Effects Matrices
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				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033							2034
T12-203K	North West Shell Fish Ltd	Donegal	Shellfish															194.0	197.4	e	e	a	
T12-471A	Marjorie Doherty	Donegal	Shellfish															194.0	198.6	e	e	a	
T12-539A	Francis McHugh & Andrew McHugh	Donegal	Aquatic Plant															194.1	190.1	e	e	a	
T12-542A	Cathal McCorkell	Donegal	Shellfish															194.2	198.7	e	e	a	
T12-470A	Eunan McLaughlin	Donegal	Shellfish															194.3	198.8	e	e	a	
T12-572A	Foylantic Ltd	Donegal	Shellfish															194.5	199.0	e	e	a	
T12-077E	Hydro Seafood Fanad	Donegal	Finfish															194.8	198.2	e	e	a	
T12-387G 3	North West Shell Fish Ltd	Donegal	Shellfish															194.9	198.2	e	e	a	
T12-387G 2	North West Shell Fish Ltd	Donegal	Shellfish															195.3	198.6	e	e	a	
T12-077D	Hydro Seafood Fanad	Donegal	Finfish															195.8	199.2	e	e	a	
T12-203G	North West Shell Fish Ltd	Donegal	Shellfish															195.9	199.1	e	e	a	
T12-387G 1	North West Shell Fish Ltd	Donegal	Shellfish															195.9	199.2	e	e	a	
T12-077B	Hydro Seafood Fanad	Donegal	Finfish															196.3	199.8	e	e	a	
T12-203F	North West Shell Fish Ltd	Donegal	Shellfish															196.4	199.7	e	e	a	
T12-400A	Philip Doherty	Donegal	Shellfish															196.5	199.7	e	e	a	
T12-281B	Philip Doherty	Donegal	Shellfish															197.2	200.4	e	e	a	
T12-203H	North West Shell Fish Ltd	Donegal	Shellfish															197.2	200.4	e	e	a	
T12-387E	North West Shell Fish Ltd	Donegal	Shellfish															197.3	200.8	e	e	a	
T12-460A	Charlie McHugh	Donegal	Shellfish															197.5	194.9	e	e	a	
T12-203B	North West Shell Fish Ltd	Donegal	Shellfish															197.7	201.2	e	e	a	
T12-161A	Charles McHugh	Donegal	Shellfish															197.8	195.2	e	e	a	
T12-403A	Charles McHugh	Donegal	Shellfish															197.9	195.3	e	e	a	
T12-387F	North West Shell Fish Ltd	Donegal	Shellfish															198.0	201.5	e	e	a	
T12-483A	Sliogeise Ba Traigheanna Teo	Donegal	Shellfish															198.0	196.9	e	e	a	
T12-414A	John Coll	Donegal	Shellfish															198.1	201.7	e	e	a	
T12-482A	Sliogeise Ba Traigheanna Teo	Donegal	Shellfish															198.2	197.1	e	e	a	
T12-548A	Eamonn Scott	Donegal	Shellfish															198.2	201.4	e	e	a	
T12-077C	Hydro Seafood Fanad	Donegal	Finfish															198.3	201.6	e	e	a	
T12-162A	Charles McHugh	Donegal	Shellfish															198.4	195.8	e	e	a	
T12-490A	Oisiri Min An Chairn Teoranta	Donegal	Shellfish															198.4	197.3	e	e	a	
T12-484A	Sliogeise Ba Traigheanna Teo	Donegal	Shellfish															198.5	197.3	e	e	a	
T12-127B	Sliogeise Baigh Gaothbarra Teo	Donegal	Shellfish															198.5	196.8	e	e	a	
T12-565	Loughros Beg Specials Ltd	Donegal	Shellfish															198.5	195.9	e	e	a	
T12-546A	Sliogeise Baigh Gaothbarra Teo	Donegal	Shellfish															198.6	196.9	e	e	a	
T12-217A	Martin Brennan	Donegal	Shellfish															198.6	197.5	e	e	a	
T12-412A	Sliogeise Ba Traigheanna Teo	Donegal	Shellfish															198.7	197.6	e	e	a	
T12-387D	North West Shell Fish Ltd	Donegal	Shellfish															198.8	202.3	e	e	a	
T12-380A	Martin Brennan	Donegal	Shellfish															198.8	197.7	e	e	a	

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				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034						
T12-491A	Oisiri Min An Chairm Teoranta	Donegal	Shellfish															199.0	197.8	e	e	a	je
T12-387C	North West Shell Fish Ltd	Donegal	Shellfish															199.0	202.5	e	e	a	je
T12-274A	Alan McGlinchey	Donegal	Shellfish															199.0	202.0	e	e	a	je
T12-377A	Sliogeisc Ba Traigheanna Teo	Donegal	Shellfish															199.1	197.9	e	e	a	je
T12-128A	Sliogeisc na Rossan Teoranta	Donegal	Shellfish															199.1	198.0	e	e	a	je
T12-203A	North West Shell Fish Ltd	Donegal	Shellfish															199.3	202.9	e	e	a	je
T12-128E	Sliogeisc na Rossan	Donegal	Shellfish															199.3	198.2	e	e	a	je
T12-128	Sliogeisc na Rossan	Donegal	Shellfish															199.3	198.2	e	e	a	je
T12-208	Sliogeisc Ba Traigheanna Teo	Donegal	Shellfish															199.3	198.2	e	e	a	je
T12-489A	Oisiri Min An Chairm Teoranta	Donegal	Shellfish															199.5	198.3	e	e	a	je
T12-448A	Sliogeisc Na Rossan	Donegal	Shellfish															199.5	198.3	e	e	a	je
T12-077A	Hydro Seafood Fanad	Donegal	Finfish															199.5	203.1	e	e	a	je
T12-498A	Barry McGuinness	Donegal	Shellfish															199.5	196.9	e	e	a	je
T12-002	Beirtreach Teoranta	Donegal	Shellfish															199.8	197.2	e	e	a	je
T12-552A	Manus Heraghty	Donegal	Shellfish															200.1	203.2	e	e	a	je
T12-085	Hydro Seafood Fanad	Donegal	Finfish															200.2	203.3	e	e	a	je
T12-552B	Manus Heraghty	Donegal	Shellfish															200.2	203.3	e	e	a	je
T09-007AOFO	Oyster Fishery Company	Galway	Shellfish															201.0	185.1	e	e	a	je
T12-556A	Trabay Ltd	Donegal	Shellfish															201.3	200.1	e	e	a	je
T12-128C	Sliogeisc na Rossan	Donegal	Shellfish															201.4	200.3	e	e	a	je
T12-394A	Trabay Ltd	Donegal	Shellfish															201.5	200.3	e	e	a	je
T12-525A	Ryan Moore	Donegal	Shellfish															201.5	200.3	e	e	a	je
T12-449A	Sliogeisc Na Rossan	Donegal	Shellfish															201.6	200.4	e	e	a	je
T12-128D	Sliogeisc na Rossan	Donegal	Shellfish															201.7	200.5	e	e	a	je
T12-389B	David Gallagher	Donegal	Shellfish															201.9	200.7	e	e	a	je
T12-477A	Sliogeisc Na Rossan	Donegal	Shellfish															201.9	200.7	e	e	a	je
T12-389A	David Gallagher	Donegal	Shellfish															202.0	200.8	e	e	a	je
T12-527	Cathal McCauley	Donegal	Shellfish															202.2	201.0	e	e	a	je
T12-480A	Lee Hunter	Donegal	Shellfish															202.2	201.0	e	e	a	je
T12-479A	Jago Moulton	Donegal	Shellfish															202.3	201.1	e	e	a	je
T09-065	William Moran	Galway	Shellfish															202.8	186.9	e	e	a	je
T09-005A	St George Fishery Co-Op	Galway	Shellfish															204.4	188.5	e	e	a	je
T09-463A	Mattie Larkin	Galway	Shellfish															204.8	188.9	e	e	a	je
T04-020-1	Green Oysters Ltd	Waterford	Shellfish															204.8	195.6	e	e	a	je
T04-023B	PKA Ltd	Waterford	Shellfish															204.9	195.7	e	e	a	je
T04-004A	Iasc Sliogach Dún Garbhán Teoranta	Waterford	Shellfish															205.0	195.8	e	e	a	je
T04-141A	Green Oysters Ltd	Waterford	Shellfish															205.1	195.9	e	e	a	je
T04-017B	Bia Mara (Deise) Teo	Waterford	Shellfish															205.1	195.9	e	e	a	je
T04-057	Green Oysters Ltd	Waterford	Shellfish															205.4	196.2	e	e	a	je
T04-059A	Green Oysters Ltd	Waterford	Shellfish															205.5	196.2	e	e	a	je
T04-066	Odhrán MacMurchadha	Waterford	Shellfish															205.5	196.3	e	e	a	je
T04-017A	Bia Mara (Deise) Teo	Waterford	Shellfish															205.5	196.3	e	e	a	je
T04-038	Bia Mara (Deise) Teo	Waterford	Shellfish															205.5	196.3	e	e	a	je
T04-021	David J Cullinan	Waterford	Shellfish															205.6	196.4	e	e	a	je
T04-147A	PKA Ltd	Waterford	Shellfish															205.6	196.4	e	e	a	je
T04-004B	Iasc Sliogach Dún Garbhán Teoranta	Waterford	Shellfish															205.6	196.5	e	e	a	je

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				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034							
T04-129A	Bia Mara (Deise) Teo	Waterford	Aquatic Plant, Shellfish																205.6	196.4	e	e	a	je
T04-014A	James Harty	Waterford	Shellfish																205.7	196.4	e	e	a	je
T04-018B	Patrick Cullen	Waterford	Shellfish																205.7	196.5	e	e	a	je
T04-014-1A	James Harty	Waterford	Shellfish																205.8	196.6	e	e	a	je
T04-032	Tom Barron	Waterford	Shellfish																205.8	196.6	e	e	a	je
T04-023A	PKA Ltd	Waterford	Shellfish																205.9	196.7	e	e	a	je
T04-129B	Bia Mara (Deise) Teo	Waterford	Aquatic Plant, Shellfish																205.9	196.6	e	e	a	je
T04-032-1	Tom Barron	Waterford	Shellfish																206.0	196.7	e	e	a	je
T12-205A	Ostre' An Teoranta	Donegal	Shellfish																206.0	205.1	e	e	a	je
T04-150A	James Harty	Waterford	Shellfish																206.0	196.8	e	e	a	je
T09-373B	Declan Ashe	Galway	Shellfish																206.1	190.4	e	e	a	je
T04-011A	PKA Ltd	Waterford	Shellfish																206.1	196.9	e	e	a	je
T12-287A	David Gallagher	Donegal	Shellfish																206.1	205.2	e	e	a	je
T04-146	PKA Ltd	Waterford	Shellfish																206.1	196.9	e	e	a	je
T12-506A	Ostre' An Teoranta	Donegal	Shellfish																206.2	205.3	e	e	a	je
T12-205C	Ostre' An Teoranta	Donegal	Shellfish																206.2	205.3	e	e	a	je
T12-423A	Ostre' An Teoranta	Donegal	Shellfish																206.2	205.3	e	e	a	je
T04-018C	PKA Ltd	Waterford	Shellfish																206.3	197.1	e	e	a	je
T04-127A	PKA Ltd	Waterford	Shellfish																206.3	197.1	e	e	a	je
T09-018	Crushoa Oyster Rights	Galway	Shellfish																206.4	190.5	e	e	a	je
T04-125A	PKA Ltd	Waterford	Shellfish																206.4	197.1	e	e	a	je
T12-205B	Ostre' An Teoranta	Donegal	Shellfish																206.4	205.4	e	e	a	je
T09-241	Rainer Krause	Galway	Shellfish																206.4	190.5	e	e	a	je
T12-315A	Ostre' An Teoranta	Donegal	Shellfish																206.4	205.4	e	e	a	je
T04-049	Bia Mara (Deise) Teo	Waterford	Shellfish																206.4	197.2	e	e	a	je
T04-020A	Criostóir O'Cionnhaolaidh	Waterford	Shellfish																206.4	197.2	e	e	a	je
T04-033	Bia Mara (Deise) Teo	Waterford	Shellfish																206.4	197.3	e	e	a	je
T12-303A	Conal Hunter	Donegal	Shellfish																206.4	205.5	e	e	a	je
T04-054B	Production Chiron Atd Limited	Waterford	Shellfish																206.5	197.3	e	e	a	je
T04-053A	Seamus Hayes	Waterford	Shellfish																206.5	197.3	e	e	a	je
T12-575	Oisiri Oiléán Cróine Teoranta	Donegal	Shellfish																206.5	205.5	e	e	a	je
T04-017F	Bia Mara (Deise) Teo	Waterford	Shellfish																206.5	197.4	e	e	a	je
T12-304A	Charlie Doherty	Donegal	Shellfish																206.5	205.6	e	e	a	je
T09-387	Beobio Teoranta	Galway	Shellfish																206.5	190.6	e	e	a	je
T12-399A	Conal Hunter	Donegal	Shellfish																206.6	205.6	e	e	a	je
T12-302A	Patrick Hunter	Donegal	Shellfish																206.7	205.7	e	e	a	je
T04-054-1	Production Chiron Atd Limited	Waterford	Shellfish																206.7	197.6	e	e	a	je
T12-424A	Ostre' An Teoranta	Donegal	Shellfish																206.7	205.8	e	e	a	je
T04-017E	Bia Mara (Deise) Teo	Waterford	Shellfish																206.8	197.6	e	e	a	je
T04-017D	Bia Mara (Deise) Teo	Waterford	Shellfish																206.8	197.6	e	e	a	je
T04-064	Tadhg O'Maoileoin	Waterford	Shellfish																206.8	197.6	e	e	a	je
T09-373A	Declan Ashe	Galway	Shellfish																206.8	191.1	e	e	a	je
T12-302B	Connor Hunter	Donegal	Shellfish																206.8	205.8	e	e	a	je
T04-055A	Bia Mara (Deise) Teo	Waterford	Shellfish																206.8	197.6	e	e	a	je
T04-047A	Tadhg O'Maoileoin	Waterford	Shellfish																206.8	197.7	e	e	a	je
T04-017C	Bia Mara (Deise) Teo	Waterford	Shellfish																206.8	197.7	e	e	a	je
T09-504A	Michael Irwin	Galway	Shellfish																206.8	191.1	e	e	a	je
T04-060B	Tadhg O'Maoileoin	Waterford	Shellfish																206.8	197.7	e	e	a	je
T04-048A	APA Shellfish Farming Ltd	Waterford	Shellfish																206.8	197.7	e	e	a	je

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T09-374A	Michael Irwin	Galway	Shellfish																206.8	191.1	e	e	a		
T04-060C	Tadhg O'Maoileoin	Waterford	Shellfish																206.8	197.7	e	e	a		
T09-020	Rainer Krause	Galway	Shellfish																206.8	190.9	e	e	a		
T04-065A	Tadhg O'Maoileoin	Waterford	Shellfish																206.8	197.7	e	e	a		
T04-058A	APA Shellfish Farming Ltd	Waterford	Shellfish																206.8	197.7	e	e	a		
T12-287	David Gallagher	Donegal	Shellfish																206.8	205.9	e	e	a		
T04-143A	Mark Steele	Waterford	Shellfish																206.8	197.8	e	e	a		
T12-422A	Ostre' An Teoranta	Donegal	Shellfish																206.8	205.9	e	e	a		
T04-060A	Tadhg O'Maoileoin Teo	Waterford	Shellfish																206.9	197.8	e	e	a		
T04-129C	Bia Mara (Deise) Teo	Waterford	Aquatic Plant, Shellfish																206.9	197.7	e	e	a		
T04-054A	Production Chiron Atd Limited	Waterford	Shellfish																206.9	197.7	e	e	a		
T04-142A	Bia Mara (Deise) Teo	Waterford	Shellfish																206.9	197.7	e	e	a		
T04-129D	Bia Mara (Deise) Teo	Waterford	Aquatic Plant, Shellfish																206.9	197.8	e	e	a		
T04-126A	Tadhg O'Maoileoin Teo	Waterford	Shellfish																206.9	197.8	e	e	a		
T12-576	Scaladóir Na Doire	Donegal	Shellfish																206.9	205.9	e	e	a		
T12-399B	Conal Hunter	Donegal	Shellfish																206.9	205.9	e	e	a		
T09-375A	De Burca Oysters Ltd	Galway	Shellfish																206.9	191.2	e	e	a		
T04-126B1	Tadhg O'Maoileoin Teo	Waterford	Shellfish																207.0	197.8	e	e	a		
T04-126B2	Tadhg O'Maoileoin Teo	Waterford	Shellfish																207.0	197.9	e	e	a		
T04-126C	Tadhg O'Maoileoin Teo	Waterford	Shellfish																207.1	198.0	e	e	a		
T09-376B	Keanes Seafood Ltd	Galway	Shellfish																207.2	191.5	e	e	a		
T09-482A	James Linnane	Galway	Shellfish																207.2	191.3	e	e	a		
T09-470A	Patrick J Martyn	Galway	Shellfish																207.2	191.3	e	e	a		
T09-346	David Krause	Galway	Shellfish																207.2	191.4	e	e	a		
T09-309	Daniel Krause	Galway	Shellfish																207.4	191.5	e	e	a		
T09-500A	Thomas Connolly	Galway	Shellfish																207.4	191.5	e	e	a		
T12-486A	Martin Boyle	Donegal	Shellfish																207.5	206.6	e	e	a		
T09-414	Thomas Connolly	Galway	Shellfish																207.5	191.6	e	e	a		
T09-377A	Galway Gourmet Oysters Ltd	Galway	Shellfish																207.5	191.8	e	e	a		
T09-453A	Eugene Dillon	Galway	Shellfish																207.5	191.7	e	e	a		
T12-316A	Inish Sal Teoranta	Donegal	Shellfish																207.6	206.5	e	e	a		
T12-493A	Inish Sal Teoranta	Donegal	Shellfish																207.6	206.5	e	e	a		
T09-376A	Keanes Seafood Ltd	Galway	Shellfish																207.8	192.1	e	e	a		
T09-520A	Galway Gourmet Oysters Ltd	Galway	Shellfish																207.9	192.2	e	e	a		
T09-332	Brian Martyn	Galway	Shellfish																208.3	192.4	e	e	a		
T12-365A	Celtic Kerber Ltd	Donegal	Shellfish																209.9	209.9	e	e	a		
T09-501A	Thomas Connolly	Galway	Shellfish																210.0	194.1	e	e	a		
T12-364B	John Boyle	Donegal	Shellfish																210.0	210.0	e	e	a		
T12-365B	Celtic Kerber Ltd	Donegal	Shellfish																210.1	210.1	e	e	a		
T12-364A	John Boyle	Donegal	Shellfish																210.1	210.1	e	e	a		
T12-365C	Celtic Kerber Ltd	Donegal	Shellfish																210.2	210.2	e	e	a		
T12-305B	Celtic Kerber Ltd	Donegal	Shellfish																210.6	210.6	e	e	a		
T12-193A	Owen Curran	Donegal	Shellfish																210.9	211.0	e	e	a		
T09-424	Rainer Krause	Galway	Shellfish																211.0	195.1	e	e	a		

Offshore Stage 1 and Stage 2 In-Combination Effects Matrices
Industry: Aquaculture

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Operation and Maintenance
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f	Low data confidence: Screened out of assessment.
g	No effect-receptor pathway: Screened out of assessment.

Site ID	Licence Holder	County	Product	Construction Period (orange outline denotes proposed development offshore construction period)													Distance to array area (km)	Distance to ECC (km)	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammal Ecology	Offshore and Intertidal Ornithology	
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033							2034
T12-305A	Celtic Kerber Ltd	Donegal	Shellfish															211.1	211.3	e	e	a	je
T09-512A	Dara Vaughan	Galway	Aquatic Plant, Shellfish															211.3	195.3	e	e	a	je
T12-326A	John Boyle	Donegal	Shellfish															211.3	211.4	e	e	a	je
T08-063	Pouldoody Aquaculture Ltd	Clare	Shellfish															215.5	199.6	e	e	a	je
T08-114A	Cartron Point Shellfish Ltd	Clare	Aquatic Plant															215.7	199.8	e	e	a	je
T08-112A	Eamonn Chesser	Clare	Shellfish															215.8	200.0	e	e	a	je
T08-016	Feargal Langley	Clare	Shellfish															215.9	200.0	e	e	a	je
T08-111A	Eamonn Chesser	Clare	Shellfish															216.0	200.1	e	e	a	je
T08-084B	Dolphin Seafarms Ltd	Clare	Shellfish															216.0	200.2	e	e	a	je
T08-002OFO	Irish Oyster Aqua Ltd	Clare	Shellfish															216.2	200.3	e	e	a	je
T10-326A	Dinsdale Raddatz	Mayo	Shellfish															216.2	207.4	e	e	a	je
T10-309A	PKM Oysters Ltd	Mayo	Shellfish															216.4	207.6	e	e	a	je
T10-325A	Sean Bourke	Mayo	Shellfish															216.9	208.1	e	e	a	je
T08-074	Clareaqua Ltd.	Clare	Shellfish															217.3	201.4	e	e	a	je
T05-491A	Baile Mhic Coda Iascliogáin Teo	Cork	Shellfish															232.7	223.1	e	e	a	je
T05-482A	Baile Mhic Coda Iascliogáin Teo	Cork	Shellfish															232.8	223.1	e	e	a	je
T05-395	Marc Perdriel	Cork	Shellfish															232.9	223.2	e	e	a	je
T10-005	Clew Bay Oyster CO-OP Society Ltd	Mayo	Shellfish															234.6	222.6	e	e	a	je
T07-007	Shannon Shellfish Ltd	Limerick	Shellfish															235.1	220.4	e	e	a	je
T10-292B	Padraic Gannon	Mayo	Shellfish															235.9	224.2	e	e	a	je
T10-292A	Padraic Gannon	Mayo	Shellfish															236.2	224.5	e	e	a	je
T10-293	Carrowholly Shellfish Ltd	Mayo	Shellfish															236.5	224.5	e	e	a	je
T10-302B	Connemara Seafoods Ltd	Mayo	Shellfish															236.6	224.9	e	e	a	je
T10-302A	Connemara Seafoods Ltd	Mayo	Shellfish															236.8	225.1	e	e	a	je
T10-245	Carrowholly Shellfish Ltd	Mayo	Shellfish															236.8	224.8	e	e	a	je
T10-299A	Irish Oysters Harvest Ltd	Mayo	Shellfish															236.9	224.8	e	e	a	je
T10-298B	Sean O'Grady	Mayo	Shellfish															238.1	226.0	e	e	a	je
T10-278E	Sean O'Grady	Mayo	Shellfish															238.5	226.4	e	e	a	je
T10-336	Charles O'Malley	Mayo	Shellfish															238.6	226.5	e	e	a	je
T10-278D	Sean O'Grady	Mayo	Shellfish															238.7	226.6	e	e	a	je
T10-335A	Rosmoney Shellfish Ltd	Mayo	Shellfish															238.8	226.7	e	e	a	je
T10-278C	Sean O'Grady	Mayo	Shellfish															238.9	226.8	e	e	a	je
T10-073B	Rosmoney Shellfish Ltd	Mayo	Shellfish															239.1	227.2	e	e	a	je
T10-278B	Sean O'Grady	Mayo	Shellfish															239.1	227.0	e	e	a	je
T09-078-1	Udaras na Gaeltachta	Galway	Shellfish															239.2	224.7	e	e	a	je
T10-202-1	Sean O'Grady	Mayo	Shellfish															239.2	227.1	e	e	a	je
T10-298A	Donegal Aquaculture Services Ltd	Mayo	Shellfish															239.3	227.1	e	e	a	je
T10-278A	Sean O'Grady	Mayo	Shellfish															239.3	227.2	e	e	a	je
T10-298C	Sean O'Grady	Mayo	Shellfish															239.5	227.3	e	e	a	je
T10-301C	Blackshell Farm Ltd	Mayo	Shellfish															239.9	228.3	e	e	a	je
T10-304C	Maitias Burke	Mayo	Shellfish															240.0	227.9	e	e	a	je
T10-304D	Maitias Burke	Mayo	Shellfish															240.1	227.9	e	e	a	je

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				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034						
T10-301B	Blackshell Farm Ltd	Mayo	Shellfish															240.3	228.6	e	e	a	je
T10-301A	Blackshell Farm Ltd	Mayo	Aquatic Plant, Shellfish															240.3	228.6	e	e	a	je
T10-305A	Rosmoney Shellfish Ltd	Mayo	Shellfish															240.4	228.3	e	e	a	je
T10-341	Blackshell Farm LTD	Mayo	Shellfish															240.5	228.9	e	e	a	je
T10-014AOFO	Michael Joseph Moran	Mayo	Shellfish															240.7	228.8	e	e	a	je
T10-198	Patrick Gavin	Mayo	Shellfish															240.8	229.0	e	e	a	je
T08-004AOFO	Atlantic Shellfish Ltd	Clare	Shellfish															241.2	226.5	e	e	a	je
T10-067A	Feirm Farraige Oilean Chliara Teo	Mayo	Finfish															241.5	229.9	e	e	a	je
T10-054B	Feirm Farraige Oilean Chliara Teo	Mayo	Finfish															242.1	230.5	e	e	a	je
T10-329A	John Moran	Mayo	Shellfish															242.2	230.8	e	e	a	je
T10-308A	Seafayre LTD	Mayo	Aquatic Plant, Shellfish															242.3	230.6	e	e	a	je
T10-300A	Thomas Muldoon	Mayo	Shellfish															242.4	231.0	e	e	a	je
T10-303A	McNulty Oyster Farms Ltd	Mayo	Shellfish															242.6	231.1	e	e	a	je
T10-291A	John Sammon and Michael Sammon	Mayo	Shellfish															242.6	230.7	e	e	a	je
T10-054A	Feirm Farraige Oilean Chliara Teo	Mayo	Finfish															242.7	231.1	e	e	a	je
T10-321A	SOFI Shellfish Ltd	Mayo	Shellfish															242.8	231.2	e	e	a	je
T10-054C	Feirm Farraige Oilean Chliara Teo	Mayo	Finfish															243.1	231.5	e	e	a	je
T10-339A	Kevin Kilroy	Mayo	Shellfish															243.2	231.6	e	e	a	je
T10-342B	Atlantic Greenway Oysters Ltd	Mayo	Shellfish															243.3	231.8	e	e	a	je
T10-288A	SOFI Shellfish Ltd	Mayo	Shellfish															243.3	231.8	e	e	a	je
T10-260A	John McManamon	Mayo	Shellfish															243.4	231.8	e	e	a	je
T10-342A	Atlantic Greenway Oysters Ltd	Mayo	Shellfish															243.5	231.9	e	e	a	je
T10-067B	Feirm Farraige Oilean Chliara Teo	Mayo	Finfish															243.9	232.3	e	e	a	je
T10-279A	Anthony Legg	Mayo	Shellfish															243.9	232.3	e	e	a	je
T10-340	John McManamon	Mayo	Shellfish															243.9	232.4	e	e	a	je
T10-294A	Fergal Guilfoyle	Mayo	Shellfish															244.0	232.5	e	e	a	je
T10-333A	Joseph McManamon	Mayo	Shellfish															244.0	232.4	e	e	a	je
T10-334A	Padraig McManamon	Mayo	Shellfish															244.1	232.6	e	e	a	je
T10-290A	Michael Fahey	Mayo	Shellfish															244.1	232.6	e	e	a	je
T10-338A	SOFI Shellfish Ltd	Mayo	Shellfish															244.3	232.8	e	e	a	je
T10-276	SOFI Shellfish Ltd	Mayo	Shellfish															244.3	232.8	e	e	a	je
T10-337	Atlantic Greenway Oysters Ltd	Mayo	Shellfish															244.4	232.9	e	e	a	je
T10-295A	Fergal Guilfoyle	Mayo	Shellfish															244.5	233.0	e	e	a	je
T10-283A	Thomas Muldoon	Mayo	Shellfish															244.5	233.0	e	e	a	je
T10-285A	Peter McManamon	Mayo	Shellfish															244.6	233.1	e	e	a	je
T10-056	Blackshell Farm Ltd	Mayo	Shellfish															246.4	234.8	e	e	a	je
T05-002OFO	Atlantic Shellfish Ltd	Cork	Shellfish															247.7	237.2	e	e	a	je
T05-017OFO	Atlantic Shellfish Ltd	Cork	Shellfish															247.9	237.2	e	e	a	je
T09-392B	Black Pearl Shellfish Ltd	Galway	Shellfish															248.6	235.3	e	e	a	je

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				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033							2034
T09-175B	Killary Fjord Shellfish Ltd	Galway	Shellfish															248.6	235.3	e	e	a	je
T09-396B	Brian Spellman	Galway	Shellfish															248.9	235.6	e	e	a	je
T09-135	Coleman McDonagh	Galway	Shellfish															248.9	235.6	e	e	a	je
T09-317B	Purple Spade Ltd	Galway	Shellfish															249.1	235.8	e	e	a	je
T09-422-1A	Online Mussels Ltd	Galway	Shellfish															249.1	235.8	e	e	a	je
T09-422A	Online Mussels Ltd	Galway	Shellfish															249.1	235.8	e	e	a	je
T09-313B	Online Mussels Ltd	Galway	Shellfish															249.2	235.9	e	e	a	je
T09-199B	Killary Fish Farming Co-operative Society Ltd	Galway	Shellfish															249.3	236.0	e	e	a	je
T09-184B	Kevin Lydon	Galway	Shellfish															249.3	236.0	e	e	a	je
T09-051B	Brid Kavanagh	Galway	Shellfish															249.5	236.3	e	e	a	je
T05-294A	Fota Oyster Farm Ltd	Cork	Aquatic Plant, Shellfish															249.5	238.7	e	e	a	je
T09-296B	Online Mussels Ltd	Galway	Shellfish															249.6	236.3	e	e	a	je
T09-308B	Michael Lydon	Galway	Shellfish															249.6	236.3	e	e	a	je
T09-341B	Kevin Lydon	Galway	Shellfish															249.6	236.3	e	e	a	je
T09-171B	Lettergesh Mussels Ltd	Galway	Shellfish															249.8	236.5	e	e	a	je
T09-363	Eddie Nee	Galway	Shellfish															249.9	236.6	e	e	a	je
T09-372B	Bartley O'Malley	Galway	Shellfish															249.9	236.6	e	e	a	je
T09-361B	Jim O'Malley	Galway	Shellfish															249.9	236.6	e	e	a	je
T09-389B	Black Pearl Shellfish Ltd	Galway	Shellfish															249.9	236.6	e	e	a	je
T09-388B	Peter Nee	Galway	Shellfish															250.1	236.8	e	e	a	je
T09-385B	Purple Spade Ltd	Galway	Shellfish															250.1	236.9	e	e	a	je
T09-394B	Edward Nee Jnr	Galway	Shellfish															250.1	236.9	e	e	a	je
T09-076B	Michael Lydon	Galway	Shellfish															250.2	236.9	e	e	a	je
T09-401B	Michael James Laffey	Galway	Shellfish															250.4	237.1	e	e	a	je
T09-010OFO	Beirtreach Teoranta	Galway	Shellfish															250.6	235.7	e	e	a	je
T10-051	Curraun Fisheries Ltd	Mayo	Finfish															251.3	239.9	e	e	a	je
T05-522A	Atlantic Shellfish Ltd	Cork	Finfish															251.7	241.0	e	e	a	je
T09-317A	Purple Spade Ltd	Galway	Shellfish															251.8	238.5	e	e	a	je
T09-313A	Online Mussels Ltd	Galway	Shellfish															251.9	238.6	e	e	a	je
T10-043A	Curraun Fisheries Ltd	Mayo	Shellfish															251.9	240.6	e	e	a	je
T09-171A	Lettergesh Mussels Ltd	Galway	Shellfish															251.9	238.7	e	e	a	je
T09-296A	Online Mussels Ltd	Galway	Shellfish															252.1	238.9	e	e	a	je
T09-388A	Peter Nee	Galway	Shellfish															252.2	239.0	e	e	a	je
T09-141A	Bradán Beo Teoranta	Galway	Finfish															252.2	237.2	e	e	a	je
T09-361A	Jim O'Malley	Galway	Shellfish															252.3	239.1	e	e	a	je
T09-507A	Killary Fjord Shellfish Ltd	Galway	Shellfish															252.3	239.1	e	e	a	je
T09-009OFO	Beirtreach Teoranta	Galway	Shellfish															252.4	237.3	e	e	a	je
T09-408B	Black Pearl Shellfish Ltd	Galway	Shellfish															252.5	239.3	e	e	a	je
T09-408A	Black Pearl Shellfish Ltd	Galway	Shellfish															252.7	239.5	e	e	a	je
T09-076A	Cluggam Mussels Ltd	Galway	Shellfish															252.7	239.5	e	e	a	je
T09-398A	Martin Nee	Galway	Shellfish															252.9	239.7	e	e	a	je
T09-372A	Bartley O'Malley	Galway	Shellfish															253.0	239.8	e	e	a	je
T09-149A	Bradán Beo Teoranta	Galway	Finfish															253.2	238.0	e	e	a	je
T09-394A	Edward Nee Jnr	Galway	Shellfish															253.3	240.1	e	e	a	je
T09-308A	Michael Lydon	Galway	Shellfish															253.3	240.2	e	e	a	je

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				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034						
T09-105C	Bradán Beo Teoranta	Galway	Finfish															253.5	238.6	e	e	a	je
T09-389A	Black Pearl Shellfish Ltd	Galway	Shellfish															253.6	240.4	e	e	a	je
T09-184A	Kevin Lydon	Galway	Shellfish															253.6	240.5	e	e	a	je
T09-146A	Bradán Beo Teoranta	Galway	Finfish															253.8	238.7	e	e	a	je
T09-119C	Bradán Beo Teoranta	Galway	Finfish															253.8	238.7	e	e	a	je
T09-385A	Purple Spade Ltd	Galway	Shellfish															253.9	240.7	e	e	a	je
T09-051A	Brid Kavanagh	Galway	Shellfish															253.9	240.8	e	e	a	je
T09-366	Purple Spade Ltd	Galway	Shellfish															254.2	241.1	e	e	a	je
T09-392A	Black Pearl Shellfish Ltd	Galway	Shellfish															254.4	241.2	e	e	a	je
T09-136A	Bradán Beo Teoranta	Galway	Finfish															254.4	239.4	e	e	a	je
T09-341A	Cluggam Mussels Ltd	Galway	Shellfish															254.5	241.3	e	e	a	je
T09-391A	Ciaran Coyne	Galway	Shellfish															254.6	241.5	e	e	a	je
T09-199A	Killary Fish Farming Co-operative Society Ltd	Galway	Shellfish															254.7	241.6	e	e	a	je
T09-114A	Bradán Beo Teoranta	Galway	Finfish															254.8	240.0	e	e	a	je
T09-400	Liam Gerard Laffey	Galway	Shellfish															254.9	241.7	e	e	a	je
T09-401A	Michael James Laffey	Galway	Shellfish															254.9	241.8	e	e	a	je
T09-399	Black Pearl Shellfish Ltd	Galway	Shellfish															255.1	242.0	e	e	a	je
T09-203A	Bradán Beo Teoranta	Galway	Finfish															255.2	240.4	e	e	a	je
T09-397A	Online Mussels Ltd	Galway	Shellfish															255.2	242.1	e	e	a	je
T10-315A	Brendan Calvey	Mayo	Shellfish															255.5	244.5	e	e	a	je
T10-332A	Michael McTigue	Mayo	Shellfish															255.6	244.7	e	e	a	je
T10-314A	Brendan Calvey	Mayo	Shellfish															255.7	244.8	e	e	a	je
T09-119B	Bradán Beo Teoranta	Galway	Finfish															256.0	240.9	e	e	a	je
T09-143	Mr. Padraic Doherty (in trust)	Galway	Finfish															256.2	243.1	e	e	a	je
T09-093A	Marine Institute	Galway	Finfish															256.4	242.1	e	e	a	je
T09-119A	Bradán Beo Teoranta	Galway	Finfish															256.4	241.3	e	e	a	je
T09-203B	Bradán Beo Teoranta	Galway	Finfish															256.6	241.7	e	e	a	je
T10-312A	Kieran Grealis	Mayo	Shellfish															256.8	246.0	e	e	a	je
T10-081B	Tony McGrath	Mayo	Shellfish															257.1	248.1	e	e	a	je
T10-311	Kieran Grealis	Mayo	Shellfish															257.2	246.4	e	e	a	je
T10-081A	Tony McGrath	Mayo	Shellfish															257.3	248.2	e	e	a	je
T10-327A	Dooriel Fisheries Ltd	Mayo	Shellfish															257.9	247.1	e	e	a	je
T10-058A	Feirm Farraige Oilcan Chliara Teo	Mayo	Finfish															258.2	246.1	e	e	a	je
T08-004BOFO	Atlantic Shellfish Ltd	Clare	Shellfish															258.6	243.6	e	e	a	je
T09-143A	Mr. Padraic Doherty (in trust)	Galway	Finfish															258.6	245.6	e	e	a	je
T09-155	Comhlacht Bradain Chonamara Teo	Galway	Finfish															259.2	244.8	e	e	a	je
T10-313A	Thomas Henry	Mayo	Shellfish															259.5	248.1	e	e	a	je
T10-129C	Joseph Healy	Mayo	Shellfish															259.5	248.1	e	e	a	je
T10-317A	Neil Kilbane	Mayo	Shellfish															259.5	248.2	e	e	a	je
T10-318A	Neil Kilbane	Mayo	Shellfish															259.6	248.3	e	e	a	je
T10-129B	Joseph Healy	Mayo	Shellfish															259.7	248.3	e	e	a	je
T09-011AOFO	Beirtreach Teoranta	Galway	Shellfish															259.8	245.1	e	e	a	je
T10-129A	Joseph Healy	Mayo	Shellfish															259.8	248.4	e	e	a	je
T10-307C	Francis Sweeney	Mayo	Shellfish															259.8	248.6	e	e	a	je
T09-107	Comhlucht Bradain Chonamara Teo	Galway	Finfish															259.9	245.5	e	e	a	je
T10-297A	Padraic Gannon	Mayo	Shellfish															260.0	248.5	e	e	a	je

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				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033							2034	
T09-114B	Bradán Beo Teoranta	Galway	Finfish															260.2	245.2	e	e	a		
T10-274	Sciana Mara Teo	Mayo	Shellfish															260.4	248.8	e	e	a		
T10-212-1	Sciana Mara Teo	Mayo	Shellfish															260.4	248.9	e	e	a		
T10-284B	Michael Kilbane	Mayo	Shellfish															260.5	249.1	e	e	a		
T10-212-2	Sciana Mara Teo	Mayo	Shellfish															260.6	248.9	e	e	a		
T10-282A	Aisling O'Leary	Mayo	Shellfish															260.7	249.0	e	e	a		
T10-212	Sciana Mara Teo	Mayo	Shellfish															260.7	249.0	e	e	a		
T10-284A	Michael Kilbane	Mayo	Shellfish															260.7	249.3	e	e	a		
T10-054	Marine Harvest Ireland Ltd	Mayo	Finfish															261.2	249.5	e	e	a		
T10-331A	Hugh O'Malley	Mayo	Shellfish															261.3	250.2	e	e	a		
T10-058B	Feirm Farraige Oilean Chliara Teo	Mayo	Finfish															261.3	249.3	e	e	a		
T10-330A	Hugh O'Malley	Mayo	Shellfish															261.4	250.2	e	e	a		
T10-231	Kathleen Davitt	Mayo	Shellfish															261.5	250.4	e	e	a		
T10-310A	Irish Oysters Harvest Ltd	Mayo	Shellfish															261.8	250.8	e	e	a		
T10-319A	Redrose Development Ltd	Mayo	Aquatic Plant															261.8	252.3	e	e	a		
T10-324A	Michael Kilbane	Mayo	Shellfish															262.0	251.0	e	e	a		
T10-323A	Michael Kilbane	Mayo	Shellfish															262.1	251.0	e	e	a		
T10-310B	Irish Oysters Harvest Ltd	Mayo	Shellfish															262.1	251.0	e	e	a		
T06-233	Cromane Seafoods Ltd	Kerry	Shellfish															262.5	247.6	e	e	a		
T09-155-1	Comhluct Bradain Chonemara Teo Co. Ltd.	Galway	Finfish															262.9	248.5	e	e	a		
T10-237	Gerard Heneghan	Mayo	Shellfish															264.0	254.0	e	e	a		
T10-320	Redrose Development Ltd	Mayo	Aquatic Plant															264.3	254.1	e	e	a		
T09-370A	Anthony Coyne	Galway	Shellfish															264.4	250.9	e	e	a		
T09-004OFO	Cleggan Lobster Fisheries	Galway	Shellfish															264.5	251.1	e	e	a		
T08-095D	Michael McMahon	Clare	Shellfish															264.5	249.3	e	e	a		
T08-095B	Michael McMahon	Clare	Shellfish															264.5	249.4	e	e	a		
T08-095A	Michael McMahon	Clare	Shellfish															264.6	249.4	e	e	a		
T06-331-A	Ballylongford Shellfish Producers Group	Kerry	Shellfish															264.6	249.6	e	e	a		
T08-086A	Thomas Blunnie	Clare	Shellfish															264.6	249.4	e	e	a		
T06-331A	Ballylongford Shellfish Producers Group	Kerry	Shellfish															264.6	249.6	e	e	a		
T08-102B	Michael Egan	Clare	Shellfish															264.6	249.4	e	e	a		
T08-095C	Michael McMahon	Clare	Shellfish															264.7	249.5	e	e	a		
T08-102A	Michael Egan	Clare	Shellfish															264.8	249.6	e	e	a		
T08-097C	Poulnasherry Oysters Ltd	Clare	Shellfish															264.8	249.6	e	e	a		
T08-008OFO	Mr & Mrs Glen Driver	Clare	Shellfish															264.8	249.7	e	e	a		
T08-097E	Poulnasherry Oysters Ltd	Clare	Shellfish															264.8	249.6	e	e	a		
T08-094B	Thomas Blunnie	Clare	Shellfish															264.8	249.7	e	e	a		
T08-098B	Brendan Garvey	Clare	Shellfish															264.9	249.8	e	e	a		
T08-098C	Brendan Garvey	Clare	Shellfish															265.0	249.8	e	e	a		
T08-096F	Moyasta Oysters Ltd	Clare	Shellfish															265.0	249.8	e	e	a		
T08-097D	Poulnasherry Oysters Ltd	Clare	Shellfish															265.0	249.8	e	e	a		
T08-099C	Mairead Mahoney	Clare	Shellfish															265.0	249.8	e	e	a		
T09-488A	Lorcan Folan	Galway	Shellfish															265.0	251.6	e	e	a		

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				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034							
T08-096E	Moyasta Oysters Ltd	Clare	Shellfish															265.0	249.8	e	e	a		
T08-096C-E	Moyasta Oysters Ltd	Clare	Shellfish															265.0	249.9	e	e	a		
T08-096D	Moyasta Oysters Ltd	Clare	Shellfish															265.0	249.9	e	e	a		
T08-098A	Brendan Garvey	Clare	Shellfish															265.1	249.9	e	e	a		
T08-101B	Aiden F Casey	Clare	Shellfish															265.1	250.0	e	e	a		
T08-096C-W	Moyasta Oysters Ltd	Clare	Shellfish															265.2	250.0	e	e	a		
T08-097B	Poulnasherry Oysters Ltd	Clare	Shellfish															265.2	250.1	e	e	a		
T08-096B	Moyasta Oysters Ltd	Clare	Shellfish															265.2	250.1	e	e	a		
T08-099B	Mairead Mahoney	Clare	Shellfish															265.3	250.1	e	e	a		
T08-097A	Poulnasherry Oysters Ltd	Clare	Shellfish															265.3	250.2	e	e	a		
T08-108A	Brendan Garvey	Clare	Shellfish															265.3	250.1	e	e	a		
T08-106A	Moyasta Oysters Ltd	Clare	Shellfish															265.3	250.1	e	e	a		
T08-099A	Mairead Mahoney	Clare	Shellfish															265.3	250.2	e	e	a		
T08-096A	Moyasta Oysters Ltd	Clare	Shellfish															265.4	250.3	e	e	a		
T08-101A	Aiden F Casey	Clare	Shellfish															265.4	250.3	e	e	a		
T09-370	Anthony Coyne	Galway	Shellfish															265.5	252.2	e	e	a		
T10-028B	North Mayo Oyster Development Co-op Society Ltd	Mayo	Shellfish															265.9	256.3	e	e	a		
T06-370A	Peter Tighe	Kerry	Shellfish															266.3	251.3	e	e	a		
T09-095A	Tully Mountain Salmon Farm Ltd.	Galway	Finfish															266.4	253.0	e	e	a		
T09-404A	Michael O'Malley	Galway	Shellfish															266.6	253.2	e	e	a		
T09-369	Lorcan Folan	Galway	Shellfish															267.0	253.6	e	e	a		
T06-347C	Peter Tighe	Kerry	Shellfish															267.4	252.4	e	e	a		
T09-492A	Michael O'Malley	Galway	Shellfish															267.7	254.4	e	e	a		
T06-347B	Peter Tighe	Kerry	Shellfish															267.8	252.8	e	e	a		
T09-132A	Gerry O'Donoghue	Galway	Finfish															268.1	254.7	e	e	a		
T06-347A	Peter Tighe	Kerry	Shellfish															268.4	253.4	e	e	a		
T10-028A	North Mayo Oyster Development Co-op Society Ltd	Mayo	Shellfish															268.8	259.0	e	e	a		
T09-267	Michael O'Malley	Galway	Shellfish															269.5	255.7	e	e	a		
T09-428A	Michael O'Malley	Galway	Shellfish															269.6	255.7	e	e	a		
T09-426-1A	Josie King	Galway	Shellfish															269.8	255.9	e	e	a		
T09-417B	Josie King	Galway	Shellfish															269.9	255.9	e	e	a		
T09-521A	Josie King	Galway	Shellfish															269.9	256.0	e	e	a		
T09-008OFO	Ardbear Sea Farms Ltd	Galway	Shellfish															270.0	256.2	e	e	a		
T09-417A	Josie King	Galway	Shellfish															270.2	256.3	e	e	a		
T10-296A	Dulra Iorrais Teoranta	Mayo	Aquatic Plant															270.3	260.2	e	e	a		
T09-417C	Josie King	Galway	Shellfish															270.4	256.5	e	e	a		
T09-096B	Ardbear Sea Farms Ltd	Galway	Finfish															270.4	256.6	e	e	a		
T09-517A	Josie King	Galway	Shellfish															270.6	256.7	e	e	a		
T09-127	Ardbear Sea Farms Ltd	Galway	Finfish															271.4	257.6	e	e	a		
T09-522A	Josie King	Galway	Shellfish															271.4	257.5	e	e	a		
T05-231	PKC Oysters Ltd	Cork	Shellfish															272.6	261.9	e	e	a		
T05-392	PKC Oysters Ltd	Cork	Shellfish															272.8	262.1	e	e	a		
T09-140	Mannin Bay Salmon Company Ltd	Galway	Finfish															272.9	259.0	e	e	a		
T09-524A	Connor O'Malley	Galway	Shellfish															273.3	260.0	e	e	a		

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				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033							2034
T05-588A	Jamie Dwyer T/A Haven Shellfish	Cork	Shellfish															273.5	262.7	e	e	a	je
T05-081	Jamie Dwyer T/A Haven Shellfish	Cork	Shellfish															273.5	262.7	e	e	a	je
T05-589A	Jamie Dwyer T/A Haven Shellfish	Cork	Shellfish															273.6	262.8	e	e	a	je
T09-434	Cleggan Seaweed Ltd	Galway	Aquatic Plant															273.6	260.3	e	e	a	je
T05-472A	Woodstown Bay Shellfish	Cork	Shellfish															276.2	265.4	e	e	a	je
T08-116A	Gerry Keyes	Clare	Shellfish															276.5	261.3	e	e	a	je
T08-078	Gearoid Lyons	Clare	Shellfish															276.6	261.4	e	e	a	je
T08-117A	Rinemac Shellfish Ltd	Clare	Shellfish															277.0	261.8	e	e	a	je
T05-007	Kinsale Harbour Comm	Cork	Shellfish															277.5	266.6	e	e	a	je
T05-530A	Kinsale Oysterhaven Seafood Ltd	Cork	Shellfish															277.5	266.6	e	e	a	je
T05-530B	Kinsale Oysterhaven Seafood Ltd	Cork	Shellfish															277.9	267.0	e	e	a	je
T05-530C	Kinsale Oysterhaven Seafood Ltd	Cork	Shellfish															278.0	267.0	e	e	a	je
T08-055A	Martin McKeown	Clare	Shellfish															279.7	264.6	e	e	a	je
T06-004	Tralee Oyster Fisheries Society Ltd	Kerry	Shellfish															295.7	280.9	e	e	a	je
T05-603A	AC Oyster Ltd	Cork	Shellfish															299.3	287.9	e	e	a	je
T06-005	Tralee Bay Shellfish Co-Op Society Ltd	Kerry	Shellfish															302.5	287.9	e	e	a	je
T06-334N1	Frank McCarthy	Kerry	Shellfish															308.1	293.9	e	e	a	je
T06-340B	Owen & P Teahan Shellfish Ltd	Kerry	Shellfish															308.6	294.3	e	e	a	je
T06-343A	Teahan Partners	Kerry	Shellfish															309.3	295.1	e	e	a	je
T06-301B	Sullivan, McCarthy Mussel Development Ltd	Kerry	Shellfish															309.4	295.2	e	e	a	je
T06-301A	Sullivan, McCarthy Mussel Development Ltd	Kerry	Shellfish															309.7	295.4	e	e	a	je
T05-011A	Brendan Kingston	Cork	Shellfish															309.7	298.1	e	e	a	je
T06-304A	Teahan Partners	Kerry	Shellfish															309.9	295.6	e	e	a	je
T06-311A	Michael Scannell	Kerry	Shellfish															310.2	295.9	e	e	a	je
T06-277B	Michael Scannell	Kerry	Shellfish															310.2	295.9	e	e	a	je
T06-429A	Dingle Bay Shellfish Ltd	Kerry	Shellfish															310.4	296.1	e	e	a	je
T06-340A	Dingle Bay Shellfish Ltd	Kerry	Shellfish															310.6	296.3	e	e	a	je
T06-277A	Michael Scannell	Kerry	Shellfish															310.7	296.4	e	e	a	je
T06-342A	Liam O'Connor	Kerry	Shellfish															310.7	296.4	e	e	a	je
T06-277C	Michael Scannell	Kerry	Shellfish															310.7	296.5	e	e	a	je
T06-310B	John O'Sullivan	Kerry	Shellfish															310.8	296.6	e	e	a	je
T06-351A	Frank & Daniel McCarthy	Kerry	Shellfish															310.8	296.5	e	e	a	je
T06-291B	Cromane Oysters Ltd	Kerry	Shellfish															310.9	296.6	e	e	a	je
T06-310A	John O'Sullivan	Kerry	Shellfish															310.9	296.6	e	e	a	je
T06-259A	Pat Costello	Kerry	Shellfish															311.1	296.8	e	e	a	je
T06-291A	Cromane Oysters Ltd	Kerry	Shellfish															311.2	297.0	e	e	a	je
T06-267C	Cromane Point Oysters Ltd	Kerry	Shellfish															311.7	297.4	e	e	a	je
T06-339A	Cromane Point Oysters Ltd	Kerry	Shellfish															311.7	297.4	e	e	a	je

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				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033							2034	
T06-352A	Castlemaine Harbour Co-operative Society Ltd	Kerry	Shellfish																311.7	297.4	e	e	a	je
T06-299A	Caragh Clams Ltd	Kerry	Shellfish																311.8	297.5	e	e	a	je
T06-306A	John O'Sullivan	Kerry	Shellfish																311.9	297.6	e	e	a	je
T06-016A	Castlemaine Harbour Co-operative Society Ltd	Kerry	Shellfish																312.0	297.6	e	e	a	je
T06-259B	Pat Costello	Kerry	Shellfish																312.1	297.8	e	e	a	je
T06-354A	Patrick O'Sullivan	Kerry	Shellfish																312.1	297.8	e	e	a	je
T06-353A	Daniel McCarthy	Kerry	Shellfish																312.2	297.9	e	e	a	je
T06-268A	Michael Moroney	Kerry	Shellfish																312.4	298.1	e	e	a	je
T06-007M	Castlemaine Harbour Co-operative Society Ltd	Kerry	Shellfish																312.4	298.1	e	e	a	je
T06-255A	Cromane Seafoods Ltd.	Kerry	Shellfish																312.5	298.3	e	e	a	je
T06-313B	Reilly Shellfish Ltd.	Kerry	Shellfish																312.6	298.4	e	e	a	je
T06-313A	Reilly Shellfish Ltd.	Kerry	Shellfish																312.6	298.4	e	e	a	je
T06-314A	Liam O'Connor	Kerry	Shellfish																312.8	298.6	e	e	a	je
T06-289	Liam O'Connor	Kerry	Shellfish																312.9	298.6	e	e	a	je
T06-278A	Arthur McCarthy	Kerry	Shellfish																312.9	298.6	e	e	a	je
T06-267A	Cromane Point Oysters Ltd	Kerry	Shellfish																312.9	298.6	e	e	a	je
T06-267D	Gerard O'Reilly	Kerry	Shellfish																312.9	298.7	e	e	a	je
T06-316A	Patrick J & Martin J Riordan	Kerry	Shellfish																313.0	298.8	e	e	a	je
T06-270B	Frank McCarthy	Kerry	Shellfish																313.1	298.8	e	e	a	je
T06-335A	John J Reilly T/A O'Reilly Shellfish	Kerry	Shellfish																313.1	298.8	e	e	a	je
T06-309A	Jermiah & Denis Costello	Kerry	Shellfish																313.5	299.3	e	e	a	je
T06-305A	Derek O'Sullivan	Kerry	Shellfish																313.8	299.5	e	e	a	je
T06-262A	Teahan Partners	Kerry	Shellfish																313.9	299.6	e	e	a	je
T06-241	Tomás Hayes	Kerry	Shellfish																313.9	299.6	e	e	a	je
T06-267B	Cromane Point Oysters Ltd	Kerry	Shellfish																313.9	299.6	e	e	a	je
T06-268B	Michael Moroney	Kerry	Shellfish																314.1	299.8	e	e	a	je
T06-388A	Sam Lowes	Kerry	Shellfish																316.0	302.7	e	e	a	je
T05-125N2	Bantry Harbour Mussels Ltd	Cork	Shellfish																318.6	305.8	e	e	a	je
T06-201	Rosemary Purcell	Kerry	Shellfish																318.7	305.3	e	e	a	je
T06-295A	Templenoe Oysters Ltd	Kerry	Shellfish																319.0	305.6	e	e	a	je
T05-069N2	Saltspray Mussel Technology Ltd	Cork	Shellfish																319.2	306.4	e	e	a	je
T06-179B	Kush Seafarms Ltd	Kerry	Shellfish																319.2	305.8	e	e	a	je
T05-060N6	Bantry Harbour Mussels Ltd	Cork	Shellfish																319.4	306.6	e	e	a	je
T05-069N3	Saltspray Mussel Technology Ltd	Cork	Shellfish																319.7	306.9	e	e	a	je
T05-214N3	Fundy Shellfish Products Ltd	Cork	Shellfish																319.7	306.9	e	e	a	je
T05-067N5	Southward Ltd	Cork	Shellfish																319.7	306.9	e	e	a	je
T05-060N5	Bantry Harbour Mussels Ltd	Cork	Shellfish																320.0	307.2	e	e	a	je
T05-053N1	Saltspray Mussel Technology	Cork	Shellfish																320.0	307.2	e	e	a	je
T06-315N1	Caragh Clams Ltd	Kerry	Shellfish																320.7	306.4	e	e	a	je

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				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033							2034	
T05-067N6	Southward Ltd	Cork	Shellfish															320.8	308.0	e	e	a		
T05-276N2	Denis Hourihan	Cork	Shellfish															320.8	307.9	e	e	a		
T05-067N4	Southward Ltd	Cork	Shellfish															320.8	308.1	e	e	a		
T05-069N1	Saltspray Mussel Technology Ltd	Cork	Shellfish															320.9	308.2	e	e	a		
T05-058N8	Seal Harbour Enterprises Ltd	Cork	Shellfish															320.9	308.0	e	e	a		
T05-069N4	Saltspray Mussel Technology Ltd	Cork	Shellfish															320.9	308.2	e	e	a		
T05-020OFO	Glengarriff Fish Farming Co-op	Cork	Shellfish															321.1	308.2	e	e	a		
T05-053N2	Saltspray Mussel Technology	Cork	Shellfish															321.1	308.4	e	e	a		
T05-125N1	Bantry Harbour Mussels Ltd	Cork	Shellfish															321.3	308.6	e	e	a		
T05-069N8	Saltspray Mussel Technology Ltd	Cork	Shellfish															321.3	308.6	e	e	a		
T05-069N5	Saltspray Mussel Technology Ltd	Cork	Shellfish															321.3	308.6	e	e	a		
T05-060N1	Bantry Harbour Mussels Ltd	Cork	Shellfish															321.3	308.6	e	e	a		
T05-069N7	Saltspray Mussel Technology Ltd	Cork	Shellfish															321.4	308.7	e	e	a		
T05-053N5	Saltspray Mussel Technology	Cork	Shellfish															321.5	308.7	e	e	a		
T05-053N3	Saltspray Mussel Technology	Cork	Shellfish															321.5	308.8	e	e	a		
T05-276N1	Denis Hourihan	Cork	Shellfish															321.5	308.6	e	e	a		
T05-058N7	Seal Harbour Enterprises Ltd	Cork	Shellfish															321.5	308.6	e	e	a		
T05-058N6	Seal Harbour Enterprises Ltd	Cork	Shellfish															321.5	308.6	e	e	a		
T05-060N3	Bantry Harbour Mussels Ltd	Cork	Shellfish															321.6	308.8	e	e	a		
T05-053N6	Saltspray Mussel Technology	Cork	Shellfish															321.6	308.9	e	e	a		
T05-059N1	Saltspray Mussel Technology	Cork	Shellfish															321.6	308.9	e	e	a		
T05-060N2	Bantry Harbour Mussels Ltd	Cork	Shellfish															321.7	309.0	e	e	a		
T05-604A	Bantry Harbour Mussels Ltd	Cork	Shellfish															321.7	309.0	e	e	a		
T05-067N2	Southward Ltd	Cork	Shellfish															321.8	309.1	e	e	a		
T05-059N2	Saltspray Mussel Technology	Cork	Shellfish															321.9	309.2	e	e	a		
T05-069N6	Saltspray Mussel Technology Ltd	Cork	Shellfish															322.0	309.2	e	e	a		
T05-053N4	Fastnet Mussels Ltd	Cork	Shellfish															322.0	309.3	e	e	a		
T05-060N4	Bantry Harbour Mussels Ltd	Cork	Shellfish															322.1	309.4	e	e	a		
T05-067N3	Southward Ltd	Cork	Shellfish															322.1	309.4	e	e	a		
T05-214N1	Fundy Shellfish Products Ltd	Cork	Shellfish															322.2	309.5	e	e	a		
T05-214N2	Fundy Shellfish Products Ltd	Cork	Shellfish															322.2	309.5	e	e	a		
T05-067N1	Southward Ltd	Cork	Shellfish															322.3	309.5	e	e	a		
T06-012OFO	An Runai, Comharchumann Forbartha an Leith	Kerry	Shellfish															322.4	307.7	e	e	a		

Offshore Stage 1 and Stage 2 In-Combination Effects Matrices
Industry: Aquaculture

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	Abandoned/Not in use
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	Decommissioning
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				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033							2034		
T05-058N2	Seal Harbour Enterprises Ltd	Cork	Shellfish																322.5	309.6	e	e	a		
T05-600A	Whiddy Scallops Ltd	Cork	Shellfish																322.7	309.9	e	e	a		
T05-058N1	Seal Harbour Enterprises Ltd	Cork	Shellfish																322.7	309.8	e	e	a		
T05-058N3	Seal Harbour Enterprises Ltd	Cork	Shellfish																322.7	309.8	e	e	a		
T05-599A	Whiddy Scallops Ltd	Cork	Shellfish																323.1	310.4	e	e	a		
T05-058N4	Seal Harbour Enterprises Ltd	Cork	Shellfish																323.2	310.3	e	e	a		
T05-058N5	Seal Harbour Enterprises Ltd	Cork	Shellfish																326.4	313.5	e	e	a		
T06-039A	Sneem Fishermens Co-Op Society Ltd	Kerry	Shellfish																326.7	313.2	e	e	a		
T05-498A	Patrick Murphy Saltspray Mussel Technology Ltd	Cork	Shellfish																326.9	314.2	e	e	a		
T05-433	Sneem Fishermens Co-Op Society Ltd	Kerry	Shellfish																327.5	314.8	e	e	a		
T06-356A	Saltspray Mussel Technology Ltd	Cork	Shellfish																328.0	314.5	e	e	a		
T05-495A-N	Colin Whooley	Cork	Shellfish																328.1	315.3	e	e	a		
T05-311N1	Jean Yves Letanneur	Kerry	Shellfish																329.7	317.5	e	e	a		
T06-280B	Michael Crowley	Cork	Shellfish																329.8	316.3	e	e	a		
T05-255N1	Michael Crowley	Cork	Shellfish																329.9	317.7	e	e	a		
T05-255N3	Michael Crowley	Cork	Shellfish																330.0	317.8	e	e	a		
T05-211N1	Patrick & Daniel Murphy	Cork	Shellfish																330.2	318.0	e	e	a		
T05-172N1	Michael O'Neill	Cork	Shellfish																330.2	318.0	e	e	a		
T05-172N2	Michael O'Neill	Cork	Shellfish																330.2	318.0	e	e	a		
T05-244N1	Patrick Leonard	Cork	Shellfish																330.3	318.1	e	e	a		
T05-572N1	Brian Murnane & John O'Leary	Cork	Shellfish																330.3	318.0	e	e	a		
T05-547A	Bantry Marine Research Station Ltd	Cork	Aquatic Plant																330.3	317.5	e	e	a		
T05-212N1	Patrick Murphy	Cork	Shellfish																330.4	318.2	e	e	a		
T06-332A	Sneem Fishermens Co-Op Society Ltd	Kerry	Shellfish																330.4	316.9	e	e	a		
T05-254N3	Turkhead Enterprises Ltd	Cork	Shellfish																330.5	318.3	e	e	a		
T06-280A	Jean Yves Letanneur	Kerry	Shellfish																330.5	317.0	e	e	a		
T06-280-2	Jean Yves Letanneur	Kerry	Shellfish																330.6	317.1	e	e	a		
T05-122	Murphy's Irish Seafood Ltd	Cork	Finfish																330.6	317.8	e	e	a		
T05-239N1	Michael, Ann & Dominic Casey	Cork	Shellfish																330.6	318.4	e	e	a		
T05-172N3	Michael O'Neill	Cork	Shellfish																330.6	318.4	e	e	a		
T05-082N4	Greenline Shellfish Ltd	Cork	Shellfish																330.6	318.4	e	e	a		
T05-311N2	Colin Whooley	Cork	Shellfish																330.8	318.6	e	e	a		
T05-244N2	Patrick Leonard	Cork	Shellfish																331.0	318.7	e	e	a		
T05-255N2	Michael Crowley	Cork	Shellfish																331.0	318.8	e	e	a		
T05-082N1	Greenline Shellfish Ltd	Cork	Shellfish																331.0	318.8	e	e	a		
T05-353N1	Raymond Duggan	Cork	Shellfish																331.1	318.9	e	e	a		
T05-239N3	Michael, Ann & Dominic Casey	Cork	Shellfish																331.2	319.0	e	e	a		
T05-254N5	Turkhead Enterprises Ltd	Cork	Shellfish																331.3	319.1	e	e	a		
T05-211N2	Patrick & Daniel Murphy	Cork	Shellfish																331.3	319.1	e	e	a		
T05-568N1	Frank O'Dwyer	Cork	Shellfish																331.3	319.2	e	e	a		

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				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034						
T05-311N3	Colin Whooley	Cork	Shellfish															331.4	319.2	e	e	a	
T05-241N1	Michael Collins	Cork	Shellfish															331.4	319.2	e	e	a	
T05-357A	Skibbereen Shellfish Ltd	Cork	Shellfish															331.6	319.5	e	e	a	
T05-243N1	Denis Whooley	Cork	Shellfish															331.6	319.4	e	e	a	
T05-122A	Murphy's Irish Seafood Ltd	Cork	Finfish															331.6	318.8	e	e	a	
T05-196A	Dunmanus Bay Mussels Ltd	Cork	Shellfish															331.7	319.1	e	e	a	
T05-281N1	Ronan O'Neill	Cork	Shellfish															331.7	319.5	e	e	a	
T05-239N2	Michael, Ann & Dominic Casey	Cork	Shellfish															331.8	319.6	e	e	a	
T05-311N5	Colin Whooley	Cork	Shellfish															331.9	319.6	e	e	a	
T05-439A	Cathal Daly	Cork	Shellfish															331.9	319.3	e	e	a	
T05-196B	Dunmanus Bay Mussels Ltd	Cork	Aquatic Plant, Echinoderm, Shellfish															332.1	319.4	e	e	a	
T05-311N4	Colin Whooley	Cork	Shellfish															332.1	319.8	e	e	a	
T05-082N3	Greenline Shellfish Ltd	Cork	Shellfish															332.1	319.9	e	e	a	
T05-326N2	Atlantic Seafarms Ltd	Cork	Shellfish															332.1	319.9	e	e	a	
T05-254N2	Turkhead Enterprises Ltd	Cork	Shellfish															332.2	319.9	e	e	a	
T05-549A	Frank O'Dwyer	Cork	Shellfish															332.3	320.2	e	e	a	
T05-326N1	Atlantic Seafarms Ltd	Cork	Shellfish															332.3	320.1	e	e	a	
T05-614A	Atlantic Sea Farm Ltd	Cork	Shellfish															332.4	320.1	e	e	a	
T05-319N1	Atlantic Seafarms Ltd	Cork	Shellfish															332.4	320.2	e	e	a	
T05-254N1	Turkhead Enterprises Ltd	Cork	Shellfish															332.5	320.3	e	e	a	
T05-473A	Jean Paul Mestre	Cork	Shellfish															332.5	319.9	e	e	a	
T05-555A	Bradán Fanad Teoranta	Cork	Finfish															332.5	319.6	e	e	a	
T05-311N6	Colin Whooley	Cork	Shellfish															332.6	320.3	e	e	a	
T05-254N4	Turkhead Enterprises Ltd	Cork	Shellfish															332.6	320.4	e	e	a	
T05-311N7	Colin Whooley	Cork	Shellfish															332.7	320.5	e	e	a	
T05-005OFO	Atlantic Shellfish Ltd	Cork	Shellfish															332.7	320.6	e	e	a	
T06-149B	Ross Shellfish Ltd	Kerry	Shellfish															332.7	319.4	e	e	a	
T06-390A	Sarah Walker	Kerry	Shellfish															332.8	319.4	e	e	a	
T05-357D	Skibbereen Shellfish Ltd	Cork	Shellfish															332.8	320.7	e	e	a	
T05-506N1	Jonathon Harmon	Cork	Shellfish															332.8	320.5	e	e	a	
T06-064B	St. Killians Harvest Ltd.	Cork	Finfish															332.8	319.5	e	e	a	
T05-082N2	Greenline Shellfish Ltd	Cork	Shellfish															332.9	320.7	e	e	a	
T05-483B	Frank O'Dwyer	Cork	Shellfish															333.0	320.9	e	e	a	
T06-190	Declan O'Sullivan	Kerry	Shellfish															333.1	319.8	e	e	a	
T05-005D	Skibbereen Shellfish Ltd	Cork	Shellfish															333.1	321.0	e	e	a	
T05-430A	West Cork Seafoods Ltd	Cork	Shellfish															333.2	320.4	e	e	a	
T05-005B	Skibbereen Shellfish Ltd	Cork	Shellfish															333.2	321.1	e	e	a	
T06-114	Kush Seafarms Ltd	Kerry	Shellfish															333.3	319.9	e	e	a	
T05-483C	Skibbereen Shellfish Ltd	Cork	Shellfish															333.4	321.3	e	e	a	
T05-005C	Skibbereen Shellfish Ltd	Cork	Shellfish															333.4	321.3	e	e	a	

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				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034							
T06-131	Patrick Cronin	Kerry	Shellfish															333.5	320.1	e	e	a		
T05-625A	Dan O'Shea	Cork	Shellfish															333.5	320.6	e	e	a		
T06-064A	St. Killians Harvest Ltd	Kerry	Finfish															333.6	320.2	e	e	a		
T06-106	Shamrock Shellfish Ltd	Kerry	Shellfish															333.6	320.2	e	e	a		
T05-357B	Skibbereen Shellfish Ltd	Cork	Shellfish															333.7	321.6	e	e	a		
T06-035A	Shamrock Shellfish Co.	Kerry	Shellfish															333.8	320.4	e	e	a		
T05-562N1	Patrick J Leonard	Cork	Shellfish															333.9	321.6	e	e	a		
T05-559N1	Jonathan Harmon	Cork	Shellfish															333.9	321.7	e	e	a		
T05-554N1	Atlantic Seafarms Ltd	Cork	Shellfish															333.9	321.7	e	e	a		
T05-474B	Sherkin Oysters Ltd	Cork	Shellfish															333.9	321.8	e	e	a		
T05-557N1	Michael Collins	Cork	Shellfish															333.9	321.7	e	e	a		
T05-357C	Skibbereen Shellfish Ltd	Cork	Shellfish															333.9	321.8	e	e	a		
T05-598A	Michael Crowley	Cork	Shellfish															333.9	321.7	e	e	a		
T05-474A	Sherkin Oysters Ltd	Cork	Shellfish															333.9	321.8	e	e	a		
T05-440	Turk Head Enterprises	Cork	Aquatic Plant															334.0	321.8	e	e	a		
T05-252B	Sherkin Oysters Ltd	Cork	Shellfish															334.2	322.1	e	e	a		
T05-252A	Sherkin Oysters Ltd	Cork	Shellfish															334.3	322.2	e	e	a		
T06-033A	Carl Daly	Kerry	Shellfish															334.4	321.0	e	e	a		
T05-623A	Dan O'Shea	Cork	Shellfish															334.4	321.4	e	e	a		
T06-024	Muskerry Seafoods (Kerry) Ltd	Kerry	Shellfish															334.5	321.1	e	e	a		
T06-327A	Declan O'Sullivan	Kerry	Shellfish															334.6	321.2	e	e	a		
T05-252D	Sherkin Oysters Ltd	Cork	Shellfish															334.7	322.6	e	e	a		
T06-154	Paul Kelly	Kerry	Shellfish															334.9	321.5	e	e	a		
T05-084B	Dan O'Shea	Cork	Shellfish															335.0	321.9	e	e	a		
T05-550N1	Mannin Seafoods Ltd	Cork	Shellfish															335.1	322.8	e	e	a		
T06-039C	Sneem Fishermens Co-Op Society Ltd	Kerry	Shellfish															335.3	321.8	e	e	a		
T05-084A	Dan O'Shea	Cork	Shellfish															335.4	322.4	e	e	a		
T05-624A	Dan O'Shea	Cork	Shellfish															335.5	322.5	e	e	a		
T05-084C	Dan O'Shea	Cork	Shellfish															335.5	322.5	e	e	a		
T06-338A	John O'Brien and Timmy McCarthy	Kerry	Shellfish															335.6	322.1	e	e	a		
T05-252J	Sherkin Oysters Ltd	Cork	Shellfish															335.9	323.8	e	e	a		
T05-252G	Sherkin Oysters Ltd	Cork	Shellfish															336.0	323.9	e	e	a		
T05-014OFO	Matt Murphy	Cork	Shellfish															336.0	324.0	e	e	a		
T05-528N1	Colin Whooley	Cork	Shellfish															336.2	323.9	e	e	a		
T05-499N1	Patrick Murphy	Cork	Shellfish															336.2	324.0	e	e	a		
T05-252F	Sherkin Oysters Ltd	Cork	Shellfish															336.3	324.2	e	e	a		
T05-258	Kush Seafarms Ltd	Cork	Shellfish															336.5	323.1	e	e	a		
T05-558N1	Atlantic Seafarms Ltd	Cork	Shellfish															336.7	324.4	e	e	a		
T05-348A	Pallas Fish Farms Ltd	Cork	Shellfish															336.9	323.5	e	e	a		
T05-317A	John O'Shea	Cork	Shellfish															337.2	323.8	e	e	a		
T05-160A	Ardgroom Shellfish Ltd	Cork	Shellfish															337.2	323.8	e	e	a		
T05-536N1	Michael Casey	Cork	Shellfish															337.4	325.1	e	e	a		
T05-587A	Allihies Seafood Ltd	Cork	Aquatic Plant															337.5	324.4	e	e	a		
T05-317B	John O'Shea	Cork	Shellfish															337.6	324.1	e	e	a		
T05-225	Patricia & Seán Daly	Cork	Shellfish															337.6	324.1	e	e	a		
T05-044	Kush Seafarms Ltd	Cork	Shellfish															337.6	324.2	e	e	a		

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				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034						
T05-497N1	Turkhead Enterprises Ltd	Cork	Shellfish															337.6	325.3	e	e	a	je
T05-607A	Dingle Bay Seaweed Ltd	Cork	Aquatic Plant															337.7	324.6	e	e	a	je
T05-160B	Ardgroom Shellfish Ltd	Cork	Shellfish															337.8	324.4	e	e	a	je
T05-348B	Pallas Fish Farms Ltd	Cork	Shellfish															338.0	324.6	e	e	a	je
T05-622A	Dan O shea	Cork	Shellfish															338.0	325.0	e	e	a	je
T05-129	Kush Seafarms Ltd	Cork	Shellfish															338.2	324.8	e	e	a	je
T05-408A	Bantry Bay Mussels Ltd	Cork	Shellfish															338.2	325.4	e	e	a	je
T05-041A	Patricia & Séan Daly	Cork	Shellfish															338.3	324.9	e	e	a	je
T05-444E	Comhlucht Iascaireachta Fanad Teoranta	Cork	Finfish															338.3	325.2	e	e	a	je
T05-157	Pallas Fish Farms Ltd	Cork	Shellfish															338.5	325.1	e	e	a	je
T05-586A	Allihies Seafood Ltd	Cork	Aquatic Plant															338.8	325.8	e	e	a	je
T05-444D	Comhlucht Iascaireachta Fanad Teoranta	Cork	Finfish															339.3	326.3	e	e	a	je
T05-591A	Wild Atlantic Sea Products Ltd	Cork	Aquatic Plant															340.2	327.2	e	e	a	je
T05-340-1	Pallas Fish Farms Ltd	Cork	Shellfish															340.3	326.9	e	e	a	je
T05-617A	Paul Cobb	Cork	Aquatic Plant															340.8	328.1	e	e	a	je
T06-372A	Paul Flannery	Kerry	Aquatic Plant, Echinoder m, Shellfish															341.2	326.6	e	e	a	je
T06-416A	Brian McCarthy	Kerry	Shellfish															341.6	327.4	e	e	a	je
T05-369	Gerard J Lynch	Cork	Shellfish															341.8	328.4	e	e	a	je
T05-399	John O'Shea	Cork	Shellfish															342.3	328.8	e	e	a	je
T05-601A	G & B Barge Operators Ltd	Cork	Shellfish															342.3	329.2	e	e	a	je
T05-535A	Rodeen Fish Farm Ltd	Cork	Shellfish															342.4	329.2	e	e	a	je
T05-427-2	Comhlucht Iascaireachta Fanad Teoranta	Cork	Finfish															342.6	329.5	e	e	a	je
T05-534B	Cormorant Mussel Ltd	Cork	Shellfish															342.9	329.8	e	e	a	je
T05-065N1	Cormorant Mussel Ltd	Cork	Shellfish															343.0	329.8	e	e	a	je
T05-594A	Dingle Bay Seaweed Ltd	Cork	Aquatic Plant, Echinoder m, Shellfish															343.1	330.0	e	e	a	je
T05-534A	Cormorant Mussel Ltd	Cork	Shellfish															343.2	330.1	e	e	a	je
T05-640A	Bantry Marine Research Station Ltd	Cork	Aquatic Plants															343.9	331.1	e	e	a	je
T06-064-7	Murphy's Irish Seafood Ltd	Kerry	Finfish															344.0	330.5	e	e	a	je
T05-432D	Crookhaven Fishermen's Association Ltd	Cork	Aquatic Plant, Shellfish															344.8	332.3	e	e	a	je
T05-464	Rodeen Fish Farm Ltd	Cork	Shellfish															345.0	331.8	e	e	a	je
T06-518A	VH Shellfish Ltd	Kerry	Shellfish															345.3	331.1	e	e	a	je
T05-577N1	Dean Murphy	Cork	Shellfish															345.7	332.5	e	e	a	je

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Operation and Maintenance
Decommissioning
Unknown/Not defined as of March 2024

Proposed development offshore construction phase

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e	No physical effect-receptor overlap: Screened out of assessment.
f	Low data confidence: Screened out of assessment.
g	No effect-receptor pathway: Screened out of assessment.

Site ID	Licence Holder	County	Product	Construction Period (orange outline denotes proposed development offshore construction period)														Distance to array area (km)	Distance to ECC (km)	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammal Ecology	Offshore and Intertidal Ornithology
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034						
T05-425B	G & B Barge Operators Ltd	Cork	Shellfish															345.7	332.5	e	e	a	je
T05-634A	Dean Murphy	Cork	Shellfish															345.9	332.7	e	e	a	je
T06-450A	B.C. Shellfish Ltd	Kerry	Shellfish															346.0	331.7	e	e	a	je
T06-366A	B.C. Shellfish Ltd	Kerry	Shellfish															346.4	332.1	e	e	a	je
T06-509A	B.C. Shellfish Ltd	Kerry	Shellfish															346.5	332.2	e	e	a	je
T06-389A	B.C. Shellfish Ltd	Kerry	Shellfish															346.5	332.2	e	e	a	je
T06-365A	B.C. Shellfish Ltd	Kerry	Shellfish															346.5	332.3	e	e	a	je
T06-517A	VH Shellfish Ltd	Kerry	Shellfish															346.9	332.7	e	e	a	je
T06-461A	Realt Na Mara Ltd	Kerry	Shellfish															347.4	333.2	e	e	a	je
T06-521A	Nigel Sheehan	Kerry	Shellfish															347.6	333.5	e	e	a	je
T05-233	Silver King Seafoods Ltd	Cork	Finfish															347.9	334.4	e	e	a	je
T06-515A	Brian McCarthy and Dani	Kerry	Shellfish															348.0	333.8	e	e	a	je
T06-502A	Brian McCarthy and Dani	Kerry	Shellfish															348.0	333.8	e	e	a	je
T06-514A	Brian McCarthy and Dani	Kerry	Shellfish															348.1	333.9	e	e	a	je
T06-503A	Brian McCarthy and Dani	Kerry	Shellfish															348.5	334.3	e	e	a	je
T06-374A	Brian McCarthy & Daniel O'Mahony	Kerry	Shellfish															348.5	334.3	e	e	a	je
T05-432C	Crookhaven Fishermen's Association Ltd	Cork	Aquatic Plant, Shellfish															350.2	337.7	e	e	a	je
T05-432B	Crookhaven Fishermen's Association Ltd	Cork	Aquatic Plant, Shellfish															350.5	338.0	e	e	a	je
T05-523A	Coulagh Bay Sea Farms	Cork	Aquatic Plant, Echinoderm, Shellfish															350.8	337.4	e	e	a	je
T05-432A	Crookhaven Fishermen's Association Ltd	Cork	Aquatic Plant, Shellfish															351.9	339.4	e	e	a	je
T06-202	Silver King Seafoods Ltd	Kerry	Finfish															357.2	343.5	e	e	a	je

Offshore Stage 1 and Stage 2 In-Combination Effects Matrices
Industry: Carbon Capture Utilisation and Storage (CCUS)

	Not yet/no longer operational
	Abandoned/Not in use
	Construction
	Operation and Maintenance
	Decommissioning
	Unknown/Not defined as of March 2024

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Project/Provisional Licence	Developer	Status	Construction Period (orange outline denotes proposed development offshore construction period)														Distance to array area (km)	Distance to ECC (km)	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammal Ecology	Offshore and Intertidal Ornithology	
			2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034							
EIS Area 1	dCarbonX	10 year NSTA Licence																141.1	149.3	e	e	a	g
CCS Cork Project	Ervia Gas Networks Ireland	In planning																254.7	244.2	e	e	f	g

Offshore Stage 1 and Stage 2 In-Combination Effects Matrices
Industry - Coastal assets

	Not yet/no longer operational
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Project	Developer	Licence	Status	Construction Period (red outline denotes proposed development offshore construction period)												Distance to array area (km)	Distance to ECC (km)	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammal Ecology	Offshore and Intertidal Ornithology		
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032							2033	2034
Operations and Maintenance Facility (OMF) at Greenore	Greenore Port	N/A	Pre application															33.9	38.8	e	e	C	e
Irish Water - Loughshinny	Irish Water	FS005749	Completed															7.7	12.8	e	d	a	g
Irish Water - Lusk	Irish Water	FS005745	Approved															8.0	15.6	e	d	a	g
Construction of a new disability access landing pontoon	Rush Sailing Club	Reference: F21A/0239 (Fingal County council - Approved in	Consultation															10.2	17.6	e	f	a	g
Irish Water Benthic Survey	Irish Water	FS007605	Licence valid															11.0	24.6	e	d	g	g
Greater Dublin Drainage Sea Outfall Pipe	Irish Water	FS 006843	Licence valid															11.3	24.8	e	d	f	g
Reinstatement and repair of the current rock armour weir under UBB36 bridge back	ByrneLooby Partners (Irl)	Reference: F23A/0451	Application submitted															12.1	19.6	e	f	a	g
Broadmeadow Way	Fingal County Council	Reference: ABP-304624-19	Application submitted															12.5	21.8	e	d	g	g
Malahide Marina Village Ltd	Malahide Marina Village Ltd	FS006731	Approved															13.3	23.8	e	d	g	g
Change of use from restaurant to office in Malahide Marina Village	View Office Space Ltd.	Reference: F19A/0219	Approved															13.5	23.8	e	g	a	g
Permission for the construction in Malahide Marina Village	View Office Space Limited	Reference: F22A/0026	Approved															13.5	23.9	e	d	g	g
Middle Pier development Howth	Mins. for Agri., Food & the Marine	Reference: F19A/0296	Approved															13.9	27.4	e	d	a	g
The Trawler Basin	Minister for Agr., Food & Marine	Reference: F16A/0063	Approved															13.9	27.4	e	d	a	g
Extension of marine facilities Howth	Howth Yacht Club	Reference: F10A/0353/E 1	Approved															14.1	27.6	e	d	a	g
RNLI Lifeboat Station Pontoon construction	RNLI	Reference: F15A/0512	Approved															14.2	27.7	e	d	a	g
Maintenance and repair of rock armour revetment	The Trustees of Portmarnock Golf Club	Reference: F23A/0215	Approved															14.4	27.1	e	g	g	g
Repairs on Rock armour at Portmarnock Golf Club	The Trustees of Portmarnock Golf Club	F21A/0566	Completed															14.4	27.1	e	d	a	g
Fingal County Council	Fingal County Council	FS006845	Completed															15.0	27.0	e	d	a	g
Maintenance dredging River Boyne, Drogheda	Drogheda Port Company	FS005747	Approved															15.7	15.7	e	c	g	g
Rock armour Laytown Beach, Ninch	Meath County Council	FS006602	Approved															17.4	17.4	e	d	a	g

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Industry - Coastal assets

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				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032							2033	2034
Dublin Port Company MP2 Project	Dublin Port Company	FS006893	Application submitted															18.6	31.9	e	d	f	
Dublin City Council - Cycleway	Dublin City Council	FS006503	Application submitted															19.4	32.0	e	f	a	
Dublin Port Development	Dublin Port Company	FS 006893	Licence valid															19.5	32.9	e	c	f	
Dublin Port Masterplan (3FM Plan)	Dublin Port Company	FS 006893	Licence valid															19.5	32.9	e	c	f	
Dublin Port maintenance dredging	Dublin Port Company	FS006495	Ended															19.5	32.9	e	d	a	
Alexandra Basin Redevelopment Project	Dublin Port Company	FS005699	Ended															21.0	34.3	e	d	f	
Dublin Port Masterplan (MP2 Plan)	Dublin Port Company	FLA: FS006893 Reference: ABP-304888-19	Application submitted															22.7	35.5	e	d	f	
Construction/ installation of an OCGT generating unit and associated plant and equipment, comprising the following main components	ESB	ABP-314365-22	Application submitted															22.9	35.7	e	d	f	
Greater Dublin Area Agglomeration Wastewater Discharge	Uisce Éireann	D0034-02	Application submitted															23.0	35.8	e	d	f	
Various Sites along Bond Drive Extension, Dublin Port, Dublin 3	Minister for Public Expenditure and Reform	ABP-307352-20	Application submitted															23.0	35.2	e	g	f	
New pontoon at Berth 50 for Tug boats	Dublin Port Company	FS006806	Approved															23.1	35.5	e	d	a	
Permission for construction adjacent to Berth 49, Ferryport Terminal 1, Dublin Port	Dublin Port Company	Reference: 3176/19	Licence valid															23.1	35.7	e	d	a	
Outfall and works at South Bank River Boyne, Drogheda	Talebury Holdings	FS005255	Consultation															23.4	23.4	e	f	f	
Dublin Port maintenance dredging	Dublin Port Company	FS007132	Ended															23.4	36.0	e	c	f	
North Wall Emergency Power Generation Plant	ESB	ABP-313918-22	Licence valid															23.5	35.8	e	g	f	
Temporary emergency electricity generating plan within the existing North Wall Power Generating Station	Minister of the Environment, Climate and Communications	ABP-313918	Application submitted															23.5	35.8	e	d	f	
Ringsend Wastewater Treatment Works Extension	Irish Water	D0034-01	Approved															23.5	36.2	e	c	f	

Offshore Stage 1 and Stage 2 In-Combination Effects Matrices
Industry - Coastal assets

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				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033							2034	
Permission for Construction and development adjacent to Pigeon House Road	Dublin Port Company	Reference: 3711/18	Licence valid																23.5	36.1	e	d	g	g
Foreshore licence application for the Installation of a 200mm welded steel pipeline under the Tolka River using trenchless techniques. The pipeline will be used to transport aviation fuel from Dublin Port to Dublin airport.	Ireland	FS005704	Approved																23.9	35.7	e	d	a	g
Gas pipeline trenchless crossing	Bord Gais	FS006104	Approved																23.9	35.8	e	f	g	g
Dun Laoghaire Harbour East Pier Revetment Repair Works	Dun Laoghaire-Rathdown County Council	DLH-003-23	Approved																24.6	38.2	e	d	g	g
Dun Laoghaire Harbour Company	Dun Laoghaire Harbour Company	FS006713	Submitted																24.8	38.4	e	g	a	g
Development at Howth Fishery Harbour Centre	Minister for Agriculture, Food and the Marine	F21A/0368	Application submitted																24.9	38.3	e	d	a	g
Ravensburg Ltd	Ravensburg Ltd	FS006433	Approved																25.2	37.2	e	d	a	g
Stena Line Linkspan removal	Stena Line	FS006557	Approved																25.4	38.9	e	d	a	g
Dun Laoghaire Harbour Company	Dun Laoghaire Harbour Company	FS006786	Approved																25.4	39.0	e	d	a	g
Techworks Marine Monitoring Buoys	Techworks Marine	FS006758	Approved																25.5	39.0	e	d	a	g
Development of an Urban Beach at Dun Laoghaire	Dun Laoghaire Harbour Company	Reference: D13A/0682	Approved																25.5	39.0	e	d	a	g
Floating Pool Facility at Dun Laoghaire	Dun Laoghaire Harbour Company	Reference: D13A/0682	On hold																25.5	39.0	e	d	a	g
Permission for Retention of a steel mesh fence and associated structural posts	Dun Laoghaire Harbour Company	Reference: D18A/0206	Approved																25.5	39.1	e	f	f	g
Development of a High-Performance Training Base	Irish Sailing Association	Reference: D18A/0460	Approved																25.5	39.0	e	f	f	g
Development and extension and associated site works at the National Yacht Club	The National Yacht Club	Reference: D22A/0758	Approved																25.6	39.1	e	f	f	g
Permission for Retention	POD Marine Ltd	Reference: D18A/1123	Approved																25.8	39.3	e	f	a	g
Dursey Island Cable Car and visitor centre (cable car crosses HWM).	Cork County Council	Reference: YA04.305442	Approved																25.8	39.3	e	d	a	g

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Permission for Retention Dun Laoghaire Rathdown Co Co - Baths	Brendan Farrell	Reference: D11A/0301 FS005832	Approved																25.8	39.3	e	d	a	gs
Coastal protection works Annagassan	Louth County Council	FS006560	Approved																25.8	39.4	e	f	a	gs
Dun Laoghaire Rathdown Co.Co. - Dalkey Island	Dun Laoghaire Rathdown Co.Co. - Dalkey Island	FS006077	Approved																26.7	40.1	e	d	a	gs
Development & refurbishment & internal alterations to dwelling	Sorrento HGT Unlimited Company	Reference: D22A/0566	Permission granted and refused																27.2	40.6	e	d	a	gs
Shanganagh Waste Water Treatment Plant	Dun Laoghaire-Rathdown County Council	D0038-01	Operational																30.3	43.8	e	d	a	gs
Dun Laoghaire Rathdown County Council - Corbawn Lawn	Dun Laoghaire Rathdown County Council - Corbawn Lawn	FS006826	Completed																31.0	44.4	e	d	a	gs
Maintenance dredging River Boyne, Dogheda	Drogheda Port Company Dredging of River Boyne	FS007028	Approved																32.4	34.2	e	c	gs	gs
Slipway construction at Greenore Port	Frazer Ferries Ltd	FS005705	Application submitted																32.4	34.2	e	d	a	gs
Development at Greenore Port	Greenore Port	FS006748	Approved																32.5	34.2	e	c	gs	gs
Capital dredging at Greenore Port	Greenore Port	FS006676	Application submitted																32.6	34.3	e	f	a	gs
Process for the Bray Sustainable Transport Bridge Project	Wicklow County Council	Reference: 21869	Approved																33.9	47.2	e	d	gs	gs
EXTENSION OF APPROPRIATE PERIOD	Shankill Property Investments Limited	Reference: 20672	Validated																34.0	47.3	e	f	f	gs
Bord Gais Networks - Dublin	Bord Gais Network	FS006104	Approved																35.8	29.5	e	f	gs	gs
Greenway from Omeath Pier to the County Bridge	LLC	Reference: 20504	Approved																37.6	38.5	e	d	gs	gs
Maintenance dredging at Soldiers Point, Dundalk Harbour	O'Hanlon and Sons Ltd	FS006425	Approved																38.5	38.5	e	d	a	gs
Permission for alteration to Plan for integrated harbour / marina mixed development	Wicklow County Council	Reference: 18371 (previous ref: 17664)	Ended																39.2	52.0	e	d	gs	gs
Coast Guard Station Wicklow	The Commissioners of Public Works in Ireland	Reference: 2035	Approved																39.6	52.4	e	d	gs	gs
Omeath Sewerage Scheme	Irish Water	FS006575	Application submitted																41.8	42.6	e	f	f	gs
Permission for installation of floating pontoon Wicklow town	Wicklow County Council	Reference: 20471	Approved																58.3	70.4	e	d	a	gs

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				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033							2034	
Permission to Reconnect Wicklow Town Centre and South Quay	Wicklow County Council	Reference: 221133	Approved																58.3	70.5	e	d	a	a
Arklow Sewerage Scheme - South Quay Wall	Irish Water	FS006715	Approved																61.4	75.0	e	d	a	a
Irish Water - Dun Laoghaire	Irish Water	FS006543	Application submitted																63.2	73.3	e	d	a	a
Irish Water - Swords	Irish Water	FS005738	Approved																66.3	70.5	e	d	a	a
Waste water treatment Plant - Arklow		Reference: ABP-302556-18	Application submitted																79.301141	91.713222	e	d	a	a
Arklow Waste Water Treatment Plant	Irish Water	FS006862	Approved																79.7	92.2	e	d	a	a
Dredging at Arklow Harbour	Wicklow County Council	FS005762	Application submitted																79.7	92.2	e	f	f	a
Flood relief scheme Arklow	Wicklow County Council	Reference: YA27.310368	Approved																79.7	92.2	e	a	a	a
Flood Relief Scheme Arklow	Wicklow County Council	ABP-310368-21	Approved																79.7	92.2	e	f	f	a
Arklow Bank Wind Park Phase 2 Operations and Maintenance Facility Onshore and Nearshore infrastructure and associated works	Sure Partners Limited	Reference: 21/1316	Approved																79.9	92.4	e	d	a	a
Development to the south of South Quay Arklow- ABWP2 OMF	Sure Partners Limited	Planning Application: 211316	Approved																79.9	92.4	e	c	a	a
Installation of a pontoon & anchorage system in the River Boyne	Drogheda Borough Council	Reference: 14207	Approved																81.7	81.7	e	d	a	a
Fendering replacement at Carlisle Pier	Dun Laoghaire Rathdown County Council	FS007290	Application submitted																113.8	113.8	e	e	a	a
River Slaney (Enniscorthy)	Commissioners of Public Works	DPE063-015-2020	Application submitted																118.4	131.8	e	e	a	a
Carnsore Wind Farm Pro	Hibernian wind power ltd	Application No.: 20211222	Application submitted																150.3	162.9	e	e	a	a
Permission for the continuation of sand and gravel extraction and processing from an existing registered quarry (ref: Q11)	Inish Pebble Company Ltd	Planning number 20200063	Licence valid																151.6	164.8	e	e	a	a
Waterford City Public In	Waterford City and County Council	ABP-311746-21	Application submitted																157.8	170.9	e	e	a	a
RIVER SUIR SUSTAIN	Waterford City & County Council	ABP-303274-18	Application submitted																158.2	171.3	e	e	a	a
Permission for Extension	Brian Hennessey	Reference: 221068	Licence valid																162.2	175.7	e	e	a	a

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				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033							2034
Retention Permission for breakwater and coastal defence wall	Peter Casey	Reference: 2250538	Licence valid															173.1	175.8	e	e	f	gs
Retention Permission for slipway development works	Peter Casey	Reference: 1951651	Licence valid															173.1	175.8	e	e	f	gs
Greenlink Interconnector	Greenlink Interconnector limited	FS007050	Licence valid															183.1	196.1	e	e	d	gs
Review of a Waste Water Discharge Licence	Youghal Wastewater Treatment Plant Mudlands Youghal Co. Cork	D0139-03	Application submitted															215.3	227.6	e	e	f	gs
Permission for rehabilitation and removal of sediment	Irish Water	Reference: 18100	Licence valid															215.5	215.5	e	e	f	gs
Installation of the EirGrid Celtic Interconnector Electricity Cable	EirGrid PLC	Ref: FS006916	Licence valid															216.4	228.6	e	e	gs	gs
Permission for refurbishment works to existing coastal defence embankments	Shannon Airport Authority	Reference: 191006	Licence valid															218.3	225.6	e	e	f	gs
Pontoon System	Department of Agriculture Food and the Marine	Reference: 19642	Licence valid															225.4	237.6	e	e	f	gs
Permission for construction of sewage system at Ballycotton	Uisce Eireann - Irish Water	Reference: 214483	Approved															231.7	243.9	e	e	f	gs
Jetty extension	Shannon Foynes Port Company	FS006837	Approved															232.5	239.8	e	e	a	gs
Port capacity extension	Shannon Foynes Port Company	PL91 .301561	Approved															232.8	240.2	e	e	f	gs
Strategic Infrastructure Development (Electricity Transmission Interconnector Development)	EirGrid PLC	ABP-310798-21	Approved															233.3	244.9	e	e	gs	gs
Permission for the construction of new cheese production facility	Dairygold Co-operative Society Ltd.	Reference: 167031	Approved															235.1	246.9	e	e	gs	gs
Permission for construction at Lower Aghada Tennis and Sailing Club	Lower Aghada Tennis and Sailing Club	Reference: 215729	Approved															239.2	251.0	e	e	f	gs
Permission to construct a boat storage area	Mayo Sailing Club	Reference: 207	Licence valid															239.4	239.4	e	e	e	gs
Permission to develop proposed works	Bád Chlós Ros a' Mhíl Teo	Reference: 201633	Licence valid															240.1	242.1	e	e	gs	gs
Permission for small craft harbour -Rossaveel	Minister of Agriculture, Food & the Marine	Reference: 21300	Licence valid															240.2	242.2	e	e	a	gs

Offshore Stage 1 and Stage 2 In-Combination Effects Matrices
Industry - Coastal assets

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Abandoned/Not in use
Construction
Operation and Maintenance
Decommissioning
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Proposed development offshore construction phase

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Project	Developer	Licence	Status	Construction Period (red outline denotes proposed development offshore construction period)													Distance to array area (km)	Distance to ECC (km)	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammal Ecology	Offshore and Intertidal Ornithology		
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033							2034	
Permission for development at a 10.22 hectares site within ESB Aghad a Generating Station	ESB	23/5104	Licence valid																240.4	252.3	e	e	a	a
Permission for demolition site infrastructure improvements, and utility upgrade works at the Belvelly Port Facility	Belvelly Marino Development Company DAC	Reference: 196783	Granted conditionally - appealed																241.5	253.1	e	e	a	a
Extension of construction of marina	Monkstown Bay Marina Company Ltd.	Reference: 154446	Approved																244.4	256.0	e	e	a	a
Permission to carry out development related to surfacewater drainage culvert	Clare County Council	Reference: 218003	Application submitted																248.5	254.4	e	e	a	a
Permission to install fencing and remove/replace sections	Gurteen Bay & Dog's Bay Conservation Group	Reference: 2260606	Licence valid																266.0	266.4	e	e	a	a
Permission for demolition of the existing three span bridge and construction of a new single span bridge	Iarnród Éireann	Reference: 181236	Approved																294.5	302.1	e	e	a	a
Decommissioning of certain facilities within the Seven Heads Gas Field	PSE Seven Heads Limited	Consent Application No.1 253993-00-REP-16	Approved																303.0	315.8	e	e	a	a
Permission to develop Castle pumping station	Uisce Eireann- Irish Water	Reference: 21264	Approved																309.2	320.2	e	e	a	a
Permission for development of Inner Bantry Harbour	Port of Cork Company Limited	Reference: 16640	Approved																311.6	321.8	e	e	f	a
Permission for erection of Wind Turbine	Paul & Francesca Doonan	Reference: 12623	Approved																323.2	333.4	e	e	f	a
Permission for developmet of small craft harbour - AN DAINGEAN FISHERY HARBOUR CENTRE	DEPARTMENT OF AGRICULTURE, FOOD AND THE MARINE	Reference: 23871	Application submitted	TBC															327.9	335.6	e	e	f	a
Permission for wharf extension at Dinish Island	The Minister for Agriculture Food and the Marine	Reference: 17637	Operational																337.1	346.8	e	e	a	a
Permission is sought for components to the Castletownbere Sewerage Scheme	Irish Water	Reference: 19813	Approved																338.1	347.7	e	e	a	a

Offshore Stage 1 and Stage 2 In-Combination Effects Matrices
Industry - Coastal assets

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Project	Developer	Licence	Status	Construction Period (red outline denotes proposed development offshore construction period)												Distance to array area (km)	Distance to ECC (km)	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammal Ecology	Offshore and Intertidal Ornithology		
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032							2033	2034
Permission for construction of extension to production facility	Wyeth Nutritionals Ireland Ltd	Reference: 18915	Ended															344.7	350.8	e	e	g	g
Killybegs Quay extension	Department of Agriculture, Food and the Marine	Reference: 17/51385	Approved															350.8	360.3	e	e	e	g
Flood Relief Scheme	the Commissioners of Public Works	DPE63-9-2018	Application submitted															n/a	n/a	e	d	g	g
Permission for installation of new diving boards	Fenit Development Association	Reference: 181176	Approved															n/a	n/a	e	d	g	g
Permission for provision of new rock armour and repair of existing rock armour at the Tralee Golf Club	Tralee Golf Club	Reference: 21648	Withdrawn 2021 - Expires 2026															n/a	n/a	e	d	e	g
Permission for refurbishment of existing slipway	Department of Agriculture, Food and the Marine	Reference: 18547	Ended															n/a	n/a	e	d	a	g

Offshore Stage 1 and Stage 2 In-Combination Effects Matrices
Industry: Site Investigation Surveys

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Project	Developer	Licence	Status	Construction Period (orange outline denotes proposed development offshore construction period)												Distance to array area (km)	Distance to ECC (km)	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammal Ecology	Offshore and Intertidal Ornithology		
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032							2033	2034
LIC230001 – North Irish Sea Array Windfarm Limited (Site Investigations)	North Irish Sea Array (NISA) Windfarm Limited	LIC230001	Consultation closed															0.0	0.0	d	d	d	d
Cooley Point	Hibernian Wind Power	FS006852	Approved															0.1	7.4	e	d	f	g
Statkraft North Irish Sea Array (NISA) Site Investigations for Export Cable Route	North Irish Sea Array (NISA) Windfarm Limited	FS007358	Approved															0.3	0.0	e	d	f	g
North Irish Sea Array (NISA) Site Investigations	Statkraft	FS007031	Approved															3.1	10.8	e	d	f	g
Lir Offshore Array Ltd., Site Investigations for the proposed Lir Offshore Array, off Counties Louth, Meath and Dublin	Lir Offshore Array Limited	FS007392	Application submitted*															4.2	2.6	e	d	f	g
Greenwire Ltd - Skerries	Greenwire Ltd - Skerries	FS005722	Application submitted															11.3	1.7	e	d	f	g
America Europe Connect Ltd	America Europe Connect Ltd	FS006631	Approved															11.6	1.1	e	d	f	g
America Europe Connect Ltd	America Europe Connect Ltd	FS006746	Approved															12.6	8.6	e	d	f	g
Codling Wind Park 11 Ltd	Codling Wind Park Ltd	FS006460	Application submitted															17.2	13.2	e	d	f	g
Codling Wind Park Ltd	Codling Wind Park Ltd	FS006241	Consultation															17.2	13.2	e	d	g	g
Codling Wind Park Ltd.	Codling Wind Park Ltd	FS007045	Approved															17.2	13.2	e	d	c	g
PiPiper Infrastructure Ltd	PiPiper Infrastructure Ltd	FS006762	Consultation															17.8	4.8	e	d	f	g
MaresConnect Electricity Interconnector Site Investigation	Maresconnect Ltd	FS007635	Consultation															17.9	2.0	e	c	f	g
Oriel Windfarm Ltd	Oriel Windfarm Ltd	FS006459	Application submitted															18.0	22.6	e	d	f	g
Clogher Head	Hibernian Wind Power	FS006787	Approved															18.6	23.0	e	d	f	g
Rockabill Cable Systems Ltd	Rockabill Cable Systems Ltd	FS006842	Approved															18.6	15.1	e	f	f	g
Oriel Windfarm Limited, Site Investigations for the proposed offshore Oriel Wind Farm	Oriel Windfarm Ltd	FS007383	Approved															20.2	24.9	e	d	f	g
Braymore Point	SSE Renewables	FS006973	Approved															20.7	23.1	e	d	f	g
Foreshore Licence application for geophysical, geotechnical, ecological and metocean site investigation works. Dundalk	Oriel Windfarm Ltd	FS006840	Approved															24.3	28.9	e	d	f	g
GEO Networks Ltd	Geo Networks Ltd	FS006262	Approved															25.0	21.6	e	d	f	g
Greater Dublin Drainage Project	Irish Water	FS006292	Ended															26.4	23.3	e	d	f	g
UCD Soil and Vegetation Sampling - Baldoyle	University College Dublin	FS007192	Consultation															27.0	23.0	e	d	a	g
Dublin Port Company Site Investigations	Dublin Port Company	FS006497	Approved															36.7	30.8	e	d	a	g
Providence Resources P.L.C.	Providence Resources P.L.C.	FS006192	Approved															42.2	45.7	e	d	f	g
Sunrise Wind Ltd., Site Investigations for the proposed Sunrise Offshore Wind Farm, off Counties Dublin and Wicklow	Sunrise Wind Limited	FS007151	Consultation*															68.2	75.9	e	d	f	g
Codling Wind Park Ltd. Site Investigations for proposed Offshore Wind Farm, off Counties Wicklow and Dublin	Codling Wind Park Limited	FS007546	Approved															68.7	76.3	e	c	c	g
Wicklow Sea Wind Ltd., Site Investigations for the proposed Wicklow Project offshore wind farm, off County Wicklow	Wicklow Sea Wind Limited	FS007163	Consultation*															68.8	73.7	e	d	c	g

Offshore Stage 1 and Stage 2 In-Combination Effects Matrices
Industry: Site Investigation Surveys

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Project	Developer	Licence	Status	Construction Period (orange outline denotes proposed development offshore construction period)													Distance to array area (km)	Distance to ECC (km)	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammal Ecology	Offshore and Intertidal Ornithology		
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033							2034	
Sure Partners Site Investigations at Arklow Bank	Sure Partners/SSE	FS007049	Approved																76.3	80.4	e	d	a	03
Sure Partners Arklow Bank Wind Park Phase 2 Site Investigations	Sure Partners Limited	FS007339	Approved																76.6	81.0	e	c	f	03
Arklow Bank Wind Park off coast of County Wicklow	Sure Partners Limited	FS007555	Application submitted																76.7	81.2	e	c	f	03
Banba Wind Ltd., Site Investigations for proposed Offshore Wind Farm, off Counties Wicklow and Dublin	Banba Wind Limited	FS007283	Consultation*																80.9	87.9	e	d	f	03
Energia Site Investigation off Wexford Coast	Energia Offshore Wind Ltd.	FS007048	Approved																91.2	97.4	e	d	f	03
Irish Water - Arklow	Irish Water	FS006614	Application submitted																91.7	91.9	e	d	f	03
Hibernian Wind Power - Kilmichael Point	Hibernian Wind Power	FS006788	Approved																92.0	93.5	e	d	f	03
Kinsale Head & Seven Heads Gasfields	PSE Kinsale Energy	N/A	Approved																373.1	366.7	e	e	g	03
Construction of a pedestrian bridge and associated works.	Westport House/Inishoo Management, Westport House Estate, Westport	MAC20230002	Approved																236	221	e	d	a	03

**Offshore Stage 1 and Stage 2 In-Combination Effects Matrices
Future Plans and Programmes**

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	Decommissioning
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Planning authority	Leasing round / plan	Details	Distance to array area (km)	Distance to ECC (km)	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammal Ecology	Offshore and Intertidal Ornithology
Bremore Ireland Port	Bremore Port Project	Much smaller than the Dublin Port Masterplan. Status: in Masterplan Main elements: 2.2km Southern Port Access Road (SPAR) Development of the largest container terminal in Ireland Construction of a major new Ro-Ro terminal 325 metre ship turning circle 1 hectare Utility Area New Maritime Community facilities Unsure of dates but website states "large infrastructure projects take up to 20 years from inception to completion". Complete by 2040	16.3	0.2	e	f	f	g
Dublin Port Masterplan	3FM project	Alexandra Basin Redevelopment (ABR) Project construction of ~3km of quay walls, deepening of harbour basin and channel - works 2016-present	34.7	30.2	e	f	f	g
Dublin Port Masterplan	ABR Project	The Dublin Harbour Capital Dredging Project brings forward for consent key elements of the capital dredging works required to create the required depth of the navigation channel, basins and berthing pockets. Uploaded 2022	35.7	30.4	e	f	f	g
Minister for Housing, Planning and Local Government	No competent authority reference - Application by Dublin Port Company	700 MW and 900 MW of offshore wind capacity - anticipated to be ONE project. Delivery by 2030 but no details on actual construction timescales and a number of things would need to happen before any further details and/or certainty on timescales (MAC application/decision, ORESS process, grid connection agreement, consent process) - none of these steps have commenced	36.1	30.9	e	f	f	g
MARA	South Coast Renewable Energy DMAP (Ireland)	New leasing opportunity in the Celtic Sea for the first generation of commercial-scale floating offshore windfarms. 4.5GW made up of 3 Project Development Areas (located within one 'zone'). AfLs to be signed in autumn 2025	162.8	160.6	e	g	f	g
Planning Inspectorate	Celtic Sea (UK Round 5)	There will be a significant and formal announcement on east coast DMAPs before the end of the year (2024).	242.2	246.0	e	g	f	g
MARA	East Coast Renewable Energy DMAP Ireland	The OREDP II assessment encompasses the maritime area covering all of Ireland's Exclusive Economic Zone (EEZ), which reaches up to 200 nautical miles or 370 km off the coast. The plan will consider advances in technology to assess the offshore renewable energy (ORE) potential in Irish waters. It will seek to map areas most suitable for ORE using the latest data available on a range of themes including other maritime activities and marine biodiversity. The OREDP II will assist in delivering the Programme for Government commitment to develop a long-term plan to take advantage of a potential of at least 30GW of floating wind off the Atlantic coast and become a major contributor to a pan-European renewable energy generation and transmission system.	N/A	N/A	e	g	f	g
Department of the Environment, Climate and Communications	OREDP 2	The National Marine Planning Framework (NMPF) brings together all marine-based human activities for the first time, outlining the Government's vision, objectives and marine planning policies for each marine activity.	N/A	N/A	e	g	f	g
Department of Housing, Local Government and Heritage	NMPF	The Marine Plan for Northern Ireland will inform and guide the regulation, management, use and protection of our marine area. It is a single document made up of two plans, one for the inshore region and one for the offshore region.	N/A	N/A	e	g	f	g
Department of Agriculture, Environment and Rural Affairs of Northern Ireland	Northern Ireland Draft Marine Plan		N/A	N/A	e	g	f	g

Stage 1 and Stage 2 Onshore Long list

Project No.	Project Name	Planning Ref No. & Link	Project Description	Distance to Proposed Development Boundary (km)	Status	Timeline	Screened into coastal and marine habitat assessment because of potential for spatial/temporal overlap?	Screened into ornithology assessment because of potential for spatial/temporal overlap?
Tier 1: Associated Project								
1	Operation and Maintenance Facility	https://greenore.ie/	<p>An existing port facility is located at Greenore. Co. Louth. This port is a wholly owned subsidiary of the Doyle Shipping Group. The existing facility covers an area of approximately 150,000m². In the future, Greenore Port intend to develop three Operation and Maintenance Facilities (OMF) within the existing port facility. These OMFs would service three future offshore wind developments. This future port development will be subject to separate planning consent and does not form part of the proposed development planning application. A Marine Area Consent (MAC) was received in April 2024. It is intended that the proposed development will lease one of these OMFs from Greenore Port. For the purposes of a cumulative assessment, a typical OMF comprises of the following:</p> <ul style="list-style-type: none"> • OMF building including a control room, offices, welfare facilities such as mess hall, kitchen, bathrooms, technicians washing and drying facilities, plant & equipment room, • Warehouse and workshop (approx. 1000m²). • External storage area (approx. 1000m²). • Berthing facilities to support 3-4 Crew Transfer Vessels (CTVs). • Vessel bunkering services for fuel and potable water. • Storage tanks for marine fuel and waste oil. • Additional supporting infrastructure such as lighting, perimeter security fencing, access control gates & CCTV. 		Pending Application	It is anticipated that construction of this project will be complete by early 2026.	Yes	No
Tier 2: Phase 1 Projects								
2	Oriel Wind Farm	https://www.orielwindfarm.ie/	This future offshore wind farm project (Oriel) is being developed by Belgian green energy company Parkwind and ESB. Oriel will be located 6km (at its nearest point) off the coast of Co Louth, to the east of Dundalk Bay. The proposed wind farm will have a generation capacity of up to 375 megawatts (MW) comprised of approximately 25 turbines with a 150m tower height and a blade length of 120m.	16.9	Pending Application	Submission to An Bord Pleanála expected in 2024. Indicative dates for construction commencing 2026 subject to planning consent and operation commencing beginning of 2030.	Yes	Yes
3	Codling Wind Park	https://codlingwindpark.ie/the-project/	<p>This future offshore wind farm project (Codling Wind Park) is being developed by Codling Wind Park Ltd. (CWPL), a 50/50 joint venture between Fred Olsen Seawind and EDF Renewables. Codling Wind Park will be located off the Wicklow coast in an area called Codling Bank.</p> <p>It will be located approximately 13-22 kilometres off the County Wicklow coast, between Greystones and Wicklow Town. Codling Wind Park is expected to have a maximum number of 100 turbines across 125 square km project site. Individual turbine tip heights expected to be a maximum of 320 metres. The total installed capacity will be 1,300MW.</p>	50.9	Pending Application	Submission to An Bord Pleanála expected in 2024. Indicative dates for construction commencing 2026 subject to planning consent and operation commencing beginning of 2030.	No	Yes
4	Arklow Bank Wind Park 2	https://www.sserenewables.com/off-shore-wind/projects/arklow-bank-wind-park/	This future offshore wind farm project (Arklow Bank Wind Park 2) is being developed by SSE Renewables. This wind farm project will be located approximately 6 to 15 km off the coast of Arklow, Co. Wicklow. It will have a maximum export capacity of up to 800MW. Up to 56 turbines, will be deployed on the site.	76.4	Pending Application	Submission to An Bord Pleanála expected in 2024. Indicative dates for construction commencing 2026 subject to planning consent and operation commencing beginning of 2030.	No	Yes

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5	Dublin Array	https://dublinarray.com/project-information/key-facts/	This future offshore wind farm project (Dublin Array) is being developed by RWE Renewables and Saorgus Energy Ltd. Dublin Array will be located approximately 10km off the coast of Dublin and Wicklow, on the Kish and Bray banks. The proposed development will deliver up to 824MW of renewable electricity via between 39 to 50 turbines. Individual turbine tip heights will be of between approximately 270 metres and 310 metres.	32.9	Pending Application	Submission to An Bord Pleanála expected in 2024. Indicative dates for construction commencing 2026 subject to planning consent and operation commencing beginning of 2030.	No	Yes
Tier 3: Onshore Other Projects								
6	Residential Development	301635 https://www.pleanala.ie/en-ie/case/301635	Demolition of house and single storey outbuildings and construction of 30 no. houses and all associated works. Located at Innishannon, Drumnigh Road, Portmarnock, Co. Dublin. This project will be accessed off the R124 Drumnigh Road. The proposed onshore cable route alternative option runs along the R124.	0	Granted	Permission granted in January 2019. Expiry date January 2024. No information available on construction timelines at time of writing. With a five-year planning application, it is considered that this project will be substantially constructed by the time the proposed development commences construction or will not proceed.	Yes	No
7	Residential Development	316504 https://www.pleanala.ie/en-ie/case/316504	PROTECTED STRUCTURE: Preservation of Auburn House and its stables as 1 residential dwelling. Construction of 92 residential units; landscaped public and communal open spaces, public lighting, 1 ESB unit substation; 1 foul pumping station; foul sewer works and all associated ancillary site development infrastructure. Located on lands at Auburn House and Little Auburn off the R107 Malahide Road/Dublin Road, Malahide, Co. Dublin. Access to the site is off the R107 Malahide Road/Dublin Road. An EIAR and NIS were submitted with this application. The proposed development onshore cable route alternative option runs along the R107 Malahide Road/Dublin Road. See also other project 316444 An Bord Pleanála (pleanala.ie) and project ABP 313360-22	0	Lodged 2023. Within planning/consent process	Case is with An Bord Pleanála. No information available on decision at time of writing. No up-to-date information available on construction timelines at time of writing.	No	Yes
8	Greater Dublin Drainage Project	301908 An Bord Pleanála (pleanala.ie) https://www.pleanala.ie/en-ie/case/312131	Greater Dublin Drainage Project consisting of a new wastewater treatment plant (WwTP) and sludge hub centre at Clonshaugh, underground orbital sewer from Blanchardstown to Clonshaugh and new pumping station at Abbotstown, new sewer to WwTP ,outfall pipeline and regional biosolids storage facility (RBSF). An EIAR and NIS were submitted with this application. The proposed GDDP orbital sewer will cross the R107 Malahide Road at Kinsaley and the R139.	0	301908 granted in 2019 but decision quashed in 2021. New case no assigned 312131. Case is ongoing with An Bord Pleanála	Permission granted in November 2019 but quashed 2021. Case is with An Bord Pleanála. According to EIAR addendum published in 2021, construction phase to commence Q4 2025 and commissioning complete Q2 2029. No up to date information available on construction timelines at time of writing.	Yes	Yes
9	Transport Infrastructure	313182 https://www.pleanala.ie/en-ie/case/313182	BusConnects Clongriffin to City Centre Core Bus Corridor Scheme. This scheme terminates at Northern Cross (intersection of R139 and R107	0	Granted	Permission granted in January 2024. Expiry Date January 2029. The construction phase is anticipated to last approximately 24 months.	Yes	Yes
10	Residential Development	313337 https://www.pleanala.ie/en-ie/case/313337	7-year permission for the construction of 621 no. residential units (118 no. houses, 503 no. apartments), creche and associated site works. This project will be accessed off the Ballheary Road and Glen Ellan Road. Modifications are proposed to the roundabout at the R125, R132 Swords Road and L2141 Lissenhall. An EIAR and NIS were submitted with this application	0	Lodged 2022. Within planning/consent process	Case is with An Bord Pleanála. No information available on decision at time of writing. No up-to-date information available on construction timelines at time of writing.	Yes	Yes
11	Residential Development	313494 https://www.pleanala.ie/en-ie/case/313494	10-year permission for the construction of 2,527 no. residential units (473 no. houses, 2054 no. apartments), creche and associated site works. Lands at Belcamp Hall (Protected Structure), Malahide Road (R107), the R107/R123 junction, Carr's Lane, and R139 Road, Belcamp, Dublin 17. (www.belcampshd.ie). An EIAR and NIS were submitted with this application	0	Lodged 2022. Within planning/consent process	Case is with An Bord Pleanála. No information available on decision at time of writing. No up-to-date information available on construction timelines at time of writing.	Yes	Yes

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12	Residential Development	316444 https://www.pleanala.ie/en-ie/case/316444	<p>PROTECTED STRUCTURE: Conversion of stables of Auburn House to provide for storage space for the main Auburn House and construction of 69 residential units and associated surface level car/bicycle parking with refuse stores, bicycle store and plant at ground floor level; landscaping; boundary treatments; public lighting; 1 ESB unit substation.</p> <p>The construction of a vehicular and pedestrian/cycle access from Carey's Lane and all associated site infrastructure and engineering works necessary to facilitate the development.</p> <p>Located on lands at Auburn House off the R107 Malahide Road/Dublin Road, Malahide, Co. Dublin. Access to the site is off the R107 Malahide Road/Dublin Road. An EIAR and NIS were submitted with this application. See also project 316504 An Bord Pleanála (pleanala.ie) above and project ABP 313360-22.</p>	0	Lodged 2023. Within planning/consent process	Case is with An Bord Pleanála. No information available on decision at time of writing. No up-to-date information available on construction timelines at time of writing.	Yes	Yes
13	Broadband Infrastructure	314937 https://www.pleanala.ie/en-ie/case/314937	S254 licence for streetworks solution to address identified mobile and wireless broadband coverage blackspots. Works along public grass verge along the R106 Swords Road, Yellow Walls, Malahide Co Dublin	0.01	Granted November 2023	Granted January 2023. Expiry date November 2028. No up-to-date information available on construction timelines at time of writing.	No	No
14	Residential Development	314408 https://www.pleanala.ie/en-ie/case/314408	Demolition of existing buildings on site, construction of 176 no. apartments and associated site works. Located at Rosemount House, Mayne River Avenue, City Junction Business Park, Northern Cross, Malahide Road, Dublin 17, (www.rosemountshd.ie)	0.09	Lodged 2022. Within planning/consent process	Case is with An Bord Pleanála. No information available on decision at time of writing. No up-to-date information available on construction timelines at time of writing.	No	No
15	Residential Development	307887 https://www.pleanala.ie/en-ie/case/307887	191 no. apartments and associated site works. Located at Mayne River Avenue, Northern Cross, Malahide Road, Dublin 17	0.09	Granted	<p>Permission granted in December 2020. Expiry date December 2025. No up-to-date information available on construction timelines at time of writing.</p> <p>With a five-year planning application, it is considered that this project will be substantially constructed by the time the proposed development commences construction or will not proceed.</p>	No	No
16	Electricity Infrastructure	313239 https://www.pleanala.ie/en-ie/case/313239	Alterations for the existing Glasmere-Malahide-Swords 38kV line in the townland of Kinsealy. Lands located at Park Avenue, Streamstown, Malahide, Co. Dublin	0.1	Granted	Permission granted in May 2023. Expiry date May 2028. No up-to-date information available on construction timelines at time of writing.	No	No
17	Residential Development	https://www.pleanala.ie/en-ie/case/312264	Amendments to previously permitted ABP-310077-21 to reduce the number of apartments from 260 no. to 258 no. to facilitate increased provision of residential amenity facilities. Located at Belmayne P4, at the corner of Churchwell Road and Churchwell Crescent, Belmayne, Dublin 13	0.12	Granted	Permission granted in February 2022. Expiry date February 2027. No up-to-date information available on construction timelines at time of writing.	No	No
18	Residential Development	312003 https://www.pleanala.ie/en-ie/case/312003	Removal of existing substructures (basement) on site and a 7-year permission for the construction of 730 no. apartments, creche and associated site works. Lands located at Parkside 5B, Parkside, Dublin 13. (www.parkside5shdplanning.com)	0.13	Granted	Permission granted in April 2022. Expiry date April 2027. No up-to-date information available on construction timelines at time of writing.	No	No
19	Residential Development	314386 https://www.pleanala.ie/en-ie/case/314386	156 no. apartments, creche and associated site works. Lands located at Site 10, Mayne River Avenue, Northern Cross, Malahide Road, Dublin 17. (www.ncsite10shd.ie)	0.16	Lodged 2022. Within planning/consent process	Case is with An Bord Pleanála. No information available on decision at time of writing. No up-to-date information available on construction timelines at time of writing.	No	No
20	Residential Development	313144 https://www.pleanala.ie/en-ie/case/313144	312 no. residential units (205 no. houses, 107 no. apartments), childcare facility and associated site works. Lands located in the townland of Regles, Minister's Road, Lusk, Co. Dublin. (www.luskregles.ie)	0.25	Granted	Permission granted in March 2023. Expiry date March 2028. No up-to-date information available on construction timelines at time of writing.	No	No

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21	School Development/ amendments	304673 https://www.pleanala.ie/en-ie/case/304673	Demolition of existing school and construction of new 3 storey Post Primary School & single storey Special Education Needs Unit. Balbriggan Community College, Pine Ridge, Chapel St., Balbriggan, Co. Dublin.	0.26	Granted	Permission granted in September 2019. Expiry date September 2024. No up-to-date information available on construction timelines at time of writing. With a five-year planning application, it is considered that this project will be substantially constructed by the time the proposed development commences construction or will not proceed.	No	No
22	Residential Development	305943 https://www.pleanala.ie/en-ie/case/305943	Demolition of all existing structures on site, construction of 331 no. build to rent apartments, childcare facility and associated site works. Lands located at Newtown, Malahide Road, Dublin 17. (www.malahideroadshd.ie)	0.28	Granted	Permission granted in March 2020. Expiry date March 2025. No up-to-date information available on construction timelines at time of writing. With a five-year planning application, it is considered that this project will be substantially constructed by the time the proposed development commences construction or will not proceed.	No	No
23	Residential Development	304196 https://www.pleanala.ie/en-ie/case/304196	132 no. Build to Rent apartments and associated site works. Lands located at Clare Hall, Malahide Road, Dublin 17	0.29	Granted	Permission granted in July 2019. Expiry date July 2024. No up-to-date information available on construction timelines at time of writing. With a five-year planning application, it is considered that this project will be substantially constructed by the time the proposed development commences construction or will not proceed.	No	No
24	Residential Development	314169 https://www.pleanala.ie/en-ie/case/314169	40 residential units, childcare facility and café. Lands located at Belcamp Hall (Protected Structure), Malahide Road, Belcamp, Dublin 17	0.3	Granted	Permission granted in August 2023. Expiry date August 2028. No up-to-date information available on construction timelines at time of writing.	No	No
25	Residential Development	313302 https://www.pleanala.ie/en-ie/case/313302	Removal of the temporary site structures, construction of a total of 377 no. residential units (173 no. houses, 204 no. apartments), creche and associated site works. Lands to the north of Rathbeale Road and to the west of and north of Miller's Avenue and Glen Ellan Road, Oldtown, Swords, Co. Dublin. (www.oldtownshd.ie)	0.35	Granted	Permission granted in February 2023. Expiry date February 2028. No up-to-date information available on construction timelines at time of writing.	No	No
26	Residential Development	313362 https://www.pleanala.ie/en-ie/case/313362	650 no. residential units (265 no. houses, 385 no. apartments) creche and associated site works. Lands to the south of Rathbeale Road and to the north and south of Main Street, Mooretown Distributor Road, Celestica/Motorola site, Swords, Co. Dublin. (www.mooretownshd.ie)	0.35	Granted	Permission granted in March 2023. Expiry date March 2028. No up-to-date information available on construction timelines at time of writing.	Yes	Yes
27	Residential Development	305619 https://www.pleanala.ie/en-ie/case/305619	153 no. residential units (113 no. houses and 40 no. apartments), 3 no. retail units, cafe, restaurant, medical unit and associated site works. Located at Station Road, Portmarnock, Townlands of Portmarnock, Co. Dublin. (www.portmarnocksouthphase1c.com)	0.44	Granted	Permission granted in January 2020. Expiry date January 2025. No up-to-date information available on construction timelines at time of writing. With a five-year planning application, it is considered that this project will be substantially constructed by the time the proposed development commences construction or will not proceed.	No	No

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28	Residential Development	305316 https://www.pleanala.ie/en-ie/case/305316	1,030 no. apartments (352 no. residential, 678 no. Build to Rent units), 2 no. creches, 10 no. retail units and all associated site works. Located at Plots 6, 8, 11, 17, 25, 26, 27, 28 and 29 All to the North and South of Main Street, Clongriffin, Dublin 13	0.46	Granted	Permission granted in December 2019. Expiry date December 2024. No up-to-date information available on construction timelines at time of writing. With a five-year planning application, it is considered that this project will be substantially constructed by the time the proposed development commences construction or will not proceed.	No	No
29	Residential Development	305319 https://www.pleanala.ie/en-ie/case/305319	500 no. apartments (235 no. residential, 265 no. build to rent), creche and all associated site works. Located at Plots 4, 5 and 14, Clongriffin, Dublin 13	0.47	Granted	Permission granted in December 2019. Expiry date December 2024. No up-to-date information available on construction timelines at time of writing. With a five-year planning application, it is considered that this project will be substantially constructed by the time the proposed development commences construction or will not proceed.	No	No
30	Residential Development	313210 https://www.pleanala.ie/en-ie/case/313210	10 year planning permission for construction of 817 no. residential units (377 no. houses, 440 no. apartments), childcare facilities and associated site works. Located at Castlelands, Accessed from Castlelands roundabout, Castleland Park View, Tanners Water Lane and Pinewood Green in the townlands of Hampton Demesne, Kilsough North and Balbriggan, Balbriggan, Co. Dublin. (www.castlelandsshd.com)	0.52	Granted	Permission granted in March 2023. Expiry date March 2033. No up-to-date information available on construction timelines at time of writing.	No	No
31	Residential Development	312112 https://www.pleanala.ie/en-ie/case/312112	172 no. residential units (150 no. houses, 22 no. apartments) and associated site works.	0.52	Granted	Permission granted in May 2022. Expiry date May 2027. No up-to-date information available on construction timelines at time of writing.	Yes	Yes
32	Residential Development	313361 https://www.pleanala.ie/en-ie/case/313361	Demolition of buildings, construction of 415 no. residential units (252 no houses, 163 no. apartments) creche and associated site works. Lands at Back Road and Kinsealy Lane, Kinsaley, Broomfield, Malahide, Co. Dublin. (www.broomfieldshd.ie)	0.59	Lodged 2022. Within planning/consent process	Case is with An Bord Pleanála. No information available on decision at time of writing. No up-to-date information available on construction timelines at time of writing.	Yes	Yes
33	Greenway	304624 https://www.pleanala.ie/en-ie/case/304624	Greenway between Malahide Demesne and Newbridge Demesne to be known as 'Broadmeadow Way'. Lands located at Malahide Demesne, Kilcrea, Newbridge Demesne, Donabate, Fingal, County Dublin.	0.63	Granted	Permission granted in May 2020. Expiry date May 2025. No up-to-date information available on construction timelines at time of writing. With a five-year planning application, it is considered that this project will be substantially constructed by the time the proposed development commences construction or will not proceed.	No	Yes
34	Residential Development	311016 https://www.pleanala.ie/en-ie/case/311016	1,221 no. apartments, creche and associated site works. GA03 Lands at Baldoyle and Stapolin (adjacent lands formerly known as the Coast), Baldoyle, Dublin 13. (www.shoreline2shd.ie)	0.89	Granted	Permission granted November 2021. According to documentation, construction is expected to last 54 months, starting in Q1 2024 and end in Q3 2028. No up-to-date information available on construction timelines at time of writing.	No	No
35	Residential Development	313177 https://www.pleanala.ie/en-ie/case/313177	1,007 no. apartments, childcare facilities and associated site works. In the townland of Stapolin, Baldoyle, Dublin 13. (www.lismorehomesshd.ie)	1.12	Lodged 2022 Within planning/consent process	Case is with An Bord Pleanála. No information available on decision at time of writing. No up-to-date information available on construction timelines at time of writing.	No	No

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36	Transport Infrastructure	317121 https://www.pleanala.ie/en-ie/case/317121	BusConnects Swords to City Centre Bus Corridor Scheme	1.68	Lodged 2023. Within planning/consent process.	Case is with An Bord Pleanála. No information available on decision at time of writing. According to documentation, construction is expected to last 36 months.	Yes	Yes
37	Transport Infrastructure	314610 https://www.pleanala.ie/en-ie/case/314610	BusConnects Ballymun/Finglas to City Centre Core Bus Corridor Scheme	3.84	Granted	Permission granted in March 2024. Expiry date March 2029. According to documentation, construction is expected to last 24 months.	No	No
38	Electricity Infrastructure	F22A/0365 https://planning.agileapplications.ie/fingal/application-details/92795	All in or in the vicinity of the townlands of Mainscourt, Roscall, Richardstown, Gracedieu, Brownstown, Magillstown, Skidoo, Dollards, Balheary, Newtown, broadmeadow, Balheary Demesne, Seatown West, Swords Demesne, Mantua, Greenfields, Seatown East and Mountgorry, Co. Dublin. The development of grid connection infrastructure to connect the approved solar photovoltaic ('PV') energy development on lands at Mainscourt, Ballyboghill, Co. Dublin under Register Reference F17A/0340, PL06F.249174 to the ESB Mountgorry 38kV Substation, Swords Business Park, Swords, Co. Dublin, comprising the laying of 9,470 metres of 38kV underground electricity cables in ducts and associated infrastructure substantially under public roads and beneath the Ward River Bridge, Gracedieu Bridge and the Broadmeadow river by means of horizontal directional drilling. An NIS was included in planning documentation.	0	Granted	Planning granted in Feb 2023, with construction expected to last 5 months. Expiry date February 2028. No up-to-date information available on construction timelines at time of writing.	Yes	Yes
39	Residential Development	F22A/0297 https://planning.agileapplications.ie/fingal/application-details/92497	The development will consist of amendments to a previously permitted development for 29 no. residential units (Reg. Ref. F17A/1556 / ABP-301635-18) including; alterations to site boundary resulting in a reduced site area from c. 1.48ha to c. 1.44ha; revisions to the design and layout replacing 4 no. 3-bed, 5 no. 4-bed and 20 no 5-bed detached, semi-detached and terraced 3-storey dwellings as permitted with revised house types comprising a total of 20 no. 2.5-storey 4-bed dwellings including 24 no. semi-detached houses and 6 no. terraced dwellings; alterations to the permitted internal road network; revisions to open space provision and landscaping; amendments to permitted site services; and all associated works. The development will result in the provision of 1 no. additional dwelling providing 30 no. residential units overall.	0	Granted	Planning granted in April 2023. Expiry date April 2028. As detailed on the National Building Control and Market Surveillance Office website, there is a commencement notice for Project 39 dated 28/02/2024 and it is therefore considered that Project 39 will be constructed by the time construction for the proposed development commences.	No	No
40	Residential Development	F17A/0573 https://planning.agileapplications.ie/fingal/application-details/78114	The construction of 13 number detached two storey plus attic accommodation dwelling houses comprising: 1) Type A 6 bed 404 sq.m., 2) Type B 5 bed 419 sq.m., 3) Type C 5 bed 355 sq.m., 4) Type D 6 bed 396 sq.m. and associated site works including landscaping, boundary treatment and new vehicular access off the Dublin Road, ESB sub station on a site of circa 3.84 acres. Lands located at Mabestown, Dublin Road, Malahide, Co. Dublin	0	Granted	Planning granted in February 2018. Expiry date February 2023. No up-to-date information available on construction timelines at time of writing. With a five-year planning application, it is considered that this project will be substantially constructed by the time the proposed development commences construction or will not proceed.	No	No
41	Residential Development	F18A/0058 https://planning.agileapplications.ie/fingal/application-details/?ref=F18A/0058	Amendments to permitted development Reg. Ref. F15A/0609, PL06F.248052, at Belcamp, a protected structure (RPS No. 463), to replace 9 no. three storey bedroom houses with 8 no. two storey three bedroom houses, on a 0.19ha portion of the lands, with access from Malahide Road. The development includes 16 no. on-curtilage car parking spaces and all associated and ancillary site works.	0	Granted	Planning granted in May 2018. Expiry date May 2023. No up-to-date information available on construction timelines at time of writing. With a five-year planning application, it is considered that this project will be substantially constructed by the time the proposed development commences construction or will not proceed.	No	No

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42	Commercial Developments	F19A/0463 https://planning.agileapplications.ie/fingal/application-details/85135	Phase 1 of development. Phase 1 consists of (i) Access roads, foul & storm water services, watermain & all associated site works (ii) A detached 947m ² Car Showrooms & Service Bays (iii) A detached 467m ² Management Unit (iv) A detached 1,387m ² Car Test Centre (v) A detached 1,949m ² Builders Providers & (vi) A detached 14m ² ESB sub-station. Lands located at Lanistown, Turvey, Donabate, Co Dublin.	0	Granted	Planning was granted in August 2020. Expiry date August 2025. No up-to-date information available on construction timelines at time of writing. With a five-year planning application, it is considered that this project will be substantially constructed by the time the proposed development commences construction or will not proceed.	No	No
43	Residential Development	F19A/0220 https://planning.agileapplications.ie/fingal/application-details/83955	Amendments to permitted developments Reg. Ref. F15A/0609, PL06F.248052 and F18A/0058 (a protected structure, RPS No. 463) to replace 83 no. two storey houses comprising 1 no. 2-bedroom house, 44 no. 3-bedroom houses and 38 no. 4-bedroom houses, with 89 no. two storey houses comprising 58 no. 3-bedroom houses and 31 no. 4-bedroom houses, on a 2.27ha portion of the lands, with access from Malahide Road. The development includes 178 no. on-curtilage car parking spaces and all associated and ancillary site works. Located at Belcamp, Malahide Road, Dublin 17.	0	Granted	Planning was granted in August 2019. Expiry date August 2024. As detailed on the National Building Control and Market Surveillance Office website, there is a commencement notice for Project 43 dated 06/05/2020 and it is therefore considered that Project 43 will be constructed by the time construction for the proposed development commences.	No	No
44	Residential Development	F16A/0464 https://planning.agileapplications.ie/fingal/application-details/75237	A 10 year permission for development on a site of 6.5ha. (16.06 acres), for the demolition of a 2 storey twentieth century extension (52m ²) to the rear of Kinsaley House, 2 storey apartment building (412m ²) and related agricultural buildings (2 no. sheds, 2 no. stable blocks and a hay shed totalling 1,038.50m ²), and development comprising [1] refurbishment of Kinsaley House consisting of fabric repairs, basement works and provision of a first floor en-suite bathroom; and provision of a 2 storey extension to the rear of Kinsaley House consisting of kitchen, dining and living space, Part M accessible WC and entrance lobby to ground floor (65.4m ²) and main bathroom to first floor (12.4m ²) [2] construction of 101 no. dwellings consisting of 8 no. 2 storey 2 bed houses, 62 no. 2 storey 3 bed houses, 30 no. 2 storey 4 bed houses, and the renovation of the existing retained stone shed consisting of fabric repairs, addition of a first floor (total area 87m ²), new openings within the existing east and west elevations for provision of windows and access door and new slate roof incorporating conservation type roof lights for use as a 2 bed residential dwelling, and associated in-curtilage parking spaces to all dwellings [3] vehicular access off Chapel Road [4] a 180 sq.m. childcare facility with an outdoor play area and associated staff parking and drop off/pick up spaces [5] 1.6ha. public open space, and [6] ancillary site development works including internal roads, landscape works, boundary treatments, children's play facility, foul, surface water (including SuDS treatment) and water supply works, undergrounding of the existing 10KV overhead power line and 2 new on-site pylons, provision of 1 no. ESB sub station and a temporary construction access route off Chapel Road. This application relates to a Protected Structure and its curtilage. Additional Information lodged 14/03/2017 Deemed Significant. Lands located at Kinsaley House (A Protected Structure-RPS NO. 464), Chapel Road, Kinsaley, Co. Dublin.	0	Granted	Planning was granted in October 2017 (10-year planning permission). Expiry date October 2027. As detailed on the National Building Control and Market Surveillance Office website, there is a commencement notice for Project 44 dated 30/10/2020 and it is therefore considered that Project 44 will be constructed by the time construction for the proposed development commences.	No	No

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45	Residential Development	F23A/0250 https://planning.agileapplications.ie/fingal/application-details/95064 https://www.pleanala.ie/en-ie/case/317681	The proposed development consists of the demolition of the existing bungalow and garage on a 0.2212ha site and the construction of a part 3 storey and part 4 storey building containing 22 no. residential units comprising of the following: 5 no. own door one-bedroom apartments, 12 no. two-bedroom apartments, 3 no. two-bedroom duplex units and 2 no. three-bedroom duplex units. A new vehicular access and separate pedestrian access are proposed along Estuary Road. Car parking for 24 no. cars and 56 no. bicycle parking spaces are proposed to serve the development. Provision for communal and private amenity space, bin stores, plant rooms together with all associated site works, drainage, boundary treatments, tree planting and landscaping. Lands located at Larch Wood, Estuary Road, Malahide, Co. Dublin, K36 F620.	0	Within planning/consent process	Planning was refused by FCC in July 2023 but is currently being appealed to An Bord Pleanála. ABP-317681-23. Case is with An Bord Pleanála. No information available on decision at time of writing. No up-to-date information available on construction timelines at time of writing.	No	No
46	Electricity Infrastructure	SID/01/19 (ABP 303687-19) https://planning.agileapplications.ie/fingal/application-details/?ref=SID%2F01%2F19	Provision of a double circuit 110kV underground transmission line between the Belcamp 220kV and 110kV Substation (permitted under ABP Ref.: VA0014) located to the north of the R139 and the Darndale 110kV Substation (permitted under DCC Reg. Ref.: 3288/16 & Reg. Ref.: 3874/15) located at the former Diamond Innovations Site, Clonshaugh Business and Technology Park, Dublin 17. The proposed transmission line covers a distance of approximately 2 km within the following townlands - Belcamp, Clonshaugh and Willsborough, Co. Dublin. The underground cable will follow a route originating at the Darndale Substation extending north along the periphery of a green field site for a distance of c. 180m, before realigning east for a further distance of approximately c. 390m. The route then enters the R139 on the south west side of the roundabout adjacent to the Clayton Hotel. The proposed transmission line proceeds eastwards and runs along the route of the R139 before entering private lands south of the River Mayne. The transmission line then passes under the River Mayne via open cut before entering the Belcamp Substation site from the south. 3 no. joint bays are proposed on each circuit, providing for a total of 6 no. joint bays at 3 no. locations. The development includes adjacent access paths, connections to the two substations, all associated construction works, and all ancillary works.	0	Granted	Planning was granted in August 2019. Expiry date August 2024. No up-to-date information available on construction timelines at time of writing. With a five-year planning application, it is considered that this project will be substantially constructed by the time the proposed development commences construction or will not proceed.	Yes	Yes
47	Residential Development	F20A/0303 https://planning.agileapplications.ie/fingal/application-details/87062	The reconfiguration and redesign of the permitted housing units (Fingal County Council Reg. Ref. F16A/0464; An Bord Pleanála Ref. PL06F.248515), to provide for an increase from 74 houses (11 no. two beds, 46 no. three beds, 17 no. four beds) to 96 no. two storey houses including 34 no. semi-detached and 62 no. terraced units (comprising 11 no. two beds, 82 no. three bed and 3 no. four bed units). The subject application will comprise Phase 2 of development on the lands, with Phase 1 amendments approved under Fingal County Council Reg. Ref. F19A/0471 for the construction of 24 new dwellings, the refurbishment of the existing protected structure, and the conversion of an existing stone barn into a residential unit, totalling 26 no. units. For clarity, no works are proposed to Kinsaley House, a Protected structure (RPS No. 464), under the planning application. Additional Works include reconfiguration of the internal road layout, amendments to hard and soft landscaping including playgrounds, amendments to drainage infrastructure, amendment to cycle and footpath arrangements which includes part of a 'green route' linking Portmarnock and Kinsealy, boundary treatment works, associated car and bicycle spaces and all associated works including site excavation, infrastructural and site development works above and below ground which includes changes in levels, including undergrounding of existing 38kv and 10kv electricity lines and, potentially, the provision of a new ESB pylon, provision of 1 no. ESB sub station and a temporary construction access route off Chapel Road.	0	Granted	Planning was granted in February 2021. Expiry date February 2026. As detailed on the National Building Control and Market Surveillance Office website, there is a commencement notice for Project 47 dated 23/04/2021 and it is therefore considered that Project 47 will be constructed by the time construction for the proposed development commences.	No	No

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48	Electricity Infrastructure	F22A/0141 https://planning.agileapplications.ie/fingal/application-details/?ref=F22A/0141	New ESB single MV substation and adjacent switchroom, with 21.8 sq.m. new floor area. 2960mm high and Graphite Monocouche self-finish render finish with all associated site works. Given the small footprint of Project 48, it is not considered that this project will result in significant cumulative effects.	0	Granted	Planning was granted in June 2022. Expiry date June 2027. No up-to-date information available on construction timelines at time of writing.	No	No
49	Residential Development	ABP 313360-22 https://planning.agileapplications.ie/fingal/application-details/?ref=SHD/017/21	The proposed development will consist of the preservation and protection of the existing Protected Structure of Auburn House and its stables as 1 no. residential dwelling; the conversion of the existing stables of Auburn House to provide for storage space for the main Auburn House and the construction of 368 no. new residential dwelling units (comprising 87 no. houses, 239 no. apartments & 42 no. duplex units) for an overall total of 369 no. residential units, including Auburn House. The development shall consist of 135 no. 1-bedroom apartments and duplex apartments, 138 no. 2-bedroom apartments and duplex apartments, 8 no. 3-bedroom apartments and duplex apartments, 47 no. 3-bedroom houses, 34 no. 4-bedroom houses, 6 no. 5-bedroom houses and the existing 11-bedroom Auburn House along with 1 no. childcare facility and 1 no. ancillary resident facility. The proposed development shall also provide landscaped public open space, car parking and all associated ancillary site development infrastructure including foul and surface water drainage, internal roads, cycle paths and footpaths, and boundary walls and fences. Vehicular access to the proposed development is to be via a new entrance at the R107 Malahide Road/Dublin Road entrance, with the existing entrance to Auburn House acting as a pedestrian/cyclist entrance and access to existing properties outside the application site, there will be a secondary entrance comprising modifications of the existing vehicular entrance off Carey's Lane to the south west of the development, the closure of the existing vehicular entrance to Little Auburn, the provision of 4 no. ESB substations, 1 no. new foul pumping station, public lighting; proposed foul sewer works along Back Road and Kinsealy Lane and all associated engineering and site works necessary to facilitate the development. The building heights range from 2 storey to 5 storey buildings with balconies or terraces being provided to the apartments and duplex units. See also other project 316444 An Bord Pleanála (pleanala.ie) and project 316504 An Bord Pleanála (pleanala.ie) above.	0	Lodged 2022. Within planning/consent process	Case is with An Bord Pleanála. No information available on decision at time of writing. No up-to-date information available on construction timelines at time of writing.	Yes	Yes
50	School Development/amendments	F21A/0668 https://planning.agileapplications.ie/fingal/application-details/91260	The removal of all existing temporary school buildings, demolition of existing school building & associated site works, construction of a new two storey school building comprising of 19 classrooms, 10 resource rooms, 1 staff room, 2 staff offices, 1 General Purpose Hall and associated storage rooms/servery, 1 multi-purpose room, staff and student toilets, 1 library/resource room, 2 base classrooms for special needs unit, 1 central activities space and ancillary accommodation/ plant rooms, all associated external works including provision of new vehicular and pedestrian entrances, Internal bus set-down, staff car parking, cycle parking, Sensory Garden, 1 no. ball court, 1 Hard play area, 1 soft play area, proprietary wastewater system, storm drainage system, landscaping, and boundary treatments. Lands located at St. Molaga's Senior National School, Drogheda Street, Balbriggan, Co Dublin, K32Y662.	0	Granted	Planning was granted in October 2022. Expiry date October 2027. No up-to-date information available on construction timelines at time of writing.	Yes	Yes

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51	Residential Development	F21A/0401 https://planning.agileapplications.ie/fingal/application-details/90381	Residential development on lands at Belcamp Hall (a Protected Structure). The proposed development will consist of the construction of 78 no. residential units comprising 58 no. houses (41 no. two storey 3-beds, 12 no. two storey 4-beds and 5 no. three storey 4-beds, all with associated car parking, and one no. three storey multi-dwelling block consisting of 10 no. own-door duplex units (6 no. 2-beds and 4 no. 3-beds), 2 no. 2-beds own-door triplex units, and 8 no. apartments (6 no. 1-beds and 2 no. 2-beds), all provided with private balconies/terraces and associated car parking and bicycle parking; landscaping; boundary treatments; public lighting; and all associated site infrastructure and engineering works necessary to facilitate the development. The proposed development also includes new road infrastructure pertaining to the East West Link Road and the upgrading of the R107 Malahide Road junction with R123 to include the East West Link Road. These upgrade works to the R107/R123 junction include the closing of the existing Belcamp Manor access off Malahide Road and the provision of a new access off the East West Link Road. Access is from Malahide Road via a new internal road permitted under Reg. Ref. F15A/0609 (ABP Ref. PL06F.248052) and the East West Link Road from Malahide Road. No works are proposed which directly affect the structures at Belcamp Hall (a Protected Structure), or any other protected structures associated with it.	0	Granted	Permission granted by ABP in August 2023. Expiry date August 2028. No up-to-date information available on construction timelines at time of writing.	No	No
52	Electricity Infrastructure	F23A/0040 https://planning.agileapplications.ie/fingal/application-details/94329	Belcamp Extension Project. The development will consist of the provision of new electricity transmission infrastructure at the existing ESB Belcamp 220 kV substation, comprising: 1. Installation of an additional 220 kV Gas Insulated Switchgear (GIS) 16 Bay Building north of the existing station compound (approximately 84 m by 25m and 17 m in height), this includes an associated extension to the hardstanding compound (approximately 3.2 hectares) to facilitate the same. This includes: a) Three 220/110 kV transformers located adjacent to the new 220 kV GIS building (approximately 8m high); b) A busduct connection from the new 220 kV GIS building to the existing 220 kV Belcamp substation; c) One +100 MVAR220 kV STATCOM transformer including associated auxiliary transformer, series coils, outdoor cooling bank control and valve building; 2. Seven lightning protection masts (ranging in height from approximately 8 m to 20 m); 3. All ancillary site development works including site preparation works, site clearance and levelling; provision of hardstanding, internal access tracks and temporary construction compound; associated underground cabling and earthgrid; associated extended surface water drainage network including attenuation storage; associated reinforced concrete perimeter wall (3 m in height with a 1 m electric fence on top); perimeter palisade fencing (3 m in height), external lighting as required to facilitate the development; 4. Access to the proposed development site will be via the existing internal access road, and existing vehicular entrance onto the R139 regional road.	0	Granted	Permission granted Dec 2023. Expiry date December 2028. The construction stage is anticipated to last approximately 2 years. It is predicted that the construction of this project will be complete by the time the proposed development construction phase commences.	Yes	Yes

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53	Residential Development	F21A/0647 https://planning.agileapplications.ie/fingal/application-details/91183 https://www.pleanala.ie/en-ie/case/312855	<p>Lands located west of Malahide Road and north of Baskin Lane, Malahide Road, Kinsealy (also Kinsaley), Dublin 17. Access is onto R107 Malahide Road</p> <p>The proposed development will consist of: the construction of 87 no. residential dwellings comprising 46 no. terraced houses (comprising 34 no. three-bedroom two storey houses and 12 no. four-bedroom three storey houses, including private rear gardens); 38 no. duplex apartments (comprising 10 no. one-bedroom units, 19 no. two-bedroom units, 9 no. three-bedroom units, including balconies and terraces) arranged in two and three storey buildings; and 3 no. three-bedroom apartment units (including terraces) above 3 no. ground floor retail units (c. 261 sq m GFA in total), arranged in three storey buildings.</p> <p>The proposed development will also comprise: a two storey Licensed Convenience Foodstore (c. 1,315 sq m net sales area/2,347 sq m. GFA), including ancillary Off License sales area, ancillary storage, staff and customer facilities; 94 no. undercroft car parking space and loading bay; and associated signage consisting of 2 no. internally illuminated fascia signs (c. 5.1 sq m and c. 5.1 sq m), 1 no. illuminated fascia sign c. 1.8 sq m, 1 no. double sided internally illuminated pole sign to include opening hours with a total area (front and back) of c. 13.5 sq m.</p> <p>The development will also Include: a Civic Space (c. 1,877 sq m) located on the western side of Malahide Road; demolition, relocation and reconstruction of the existing stone wall adjacent to Malahide Road; vehicular, cycle and pedestrian access and egress points via Malahide Road (with associated works to Malahide Road comprising the provision of a cycle path, footpath and grass verge); emergency vehicular access only via Baskin Lane; 174 no. car parking spaces at surface level; 88 no. long-term bicycle parking spaces and 46 no. short-stay bicycle parking spaces (134 no. bicycle parking spaces in total); internal roads and pathways; bicycle stores; provision of private and public open spaces; play area; drainage attenuation; ESB point of supply kiosks; hard and soft landscaping; boundary treatments; changes in level; services provision and related pipework; electric vehicle charging points; ducting; SUDS features; public lighting; and all ancillary site development works above and below ground.</p>	0	Granted	<p>Refused permission by FCC Jan 2022. Granted by An Bord Pleanála. (312855) on 08/04/2024. Expiry date April 2029.</p> <p>No up-to-date information available on construction timelines at time of writing.</p>	Yes	Yes
54	Infrastructure Development	F23A/0253 https://planning.agileapplications.ie/fingal/application-details/95055	<p>The development on land within the car park of Ardgillan Community College, Castleland, Balbriggan, Co Dublin. the development will consist of the installation of an aircraft noise monitoring terminal on a standalone, tiltable mast structure (6m in height) along with associated works including electricity connection.</p>	0.18	Granted	<p>Permission was granted in August 2023. Expiry date August 2028. No up-to-date information available on construction timelines at time of writing.</p>	No	No

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55	Electricity Infrastructure	F21A/0681 Planning Portal (agileapplications.ie) 3041/22 https://planning.agileapplications.ie/dublincity/application-details/147963	<p>Mayne Stability Limited submitted an application for permission to FCC and DCC for a period of 10 years development of a Synchronous Compensator Development (Grid Stabilisation Facility) on the site of c. 1.65 ha at lands south of Belcamp 220kV Substation, Belcamp, Dublin 17. The proposed development will consist of the following elements within the administrative boundary of Fingal County Council.</p> <p>a) A Grid Stabilisation Facility containing 1 No. High Inertia Synchronous Compensator (HISC) unit enclosed within a steel clad framed style structure (12.1m max height) and supported by 8 No. electrical equipment containers (containing ancillary power supply products including a static frequency converts, MV switchgear, exciters, LV distribution, control room, welfare and office), main, auxiliary & start-up electrical transformers, generator circuit breaker, switchgear equipment, External cooler units and 1 No. back up diesel generator and associated diesel storage tank;</p> <p>b) A 220kV High Voltage Gas Insulated Switchgear (GIS) compound containing a GIS building with all control & HV equipment within a single storey building (13.2m max height). The building will be surrounded by a compound road and contained within a 2.6m high galvanised steel palisade fence;</p> <p>c) A 220kV underground cable to the existing adjoining Eirgrid substation boundary;</p> <p>d) Associated elements comprising a clear span bridge over the River Mayne, various underground cables and ducts, equipment plinths, boundary security fence, compound lighting and palisade gates and fencing, security lighting, CCTV, internal access roads, hardstanding areas and all necessary foundations works for the above compounds. A concurrent planning application also made to Dublin City Council (see which relates to a portion of lands to the south of the site of c. 0.94 ha which provides for a new access entrance from the R139 and a clear span bridge crossing over the River Mayne, internal access tracks, security fencing, temporary construction compound, landscaping, and drainage.</p>	0.003	Granted	Permission granted in October 2022. Expiry date October 2032. No up-to-date information available on construction timelines at time of writing.	Yes	Yes
56	Residential Development	ABP 313144-22 https://planning.agileapplications.ie/fingal/application-details/91954	<p>The development will consist of 312 no. dwellings, comprised of 205 no. 3 & 4 bed, 2 & 3 storey, detached, semi-detached & terraced houses, 40 no. 2 & 3 bed apartment / duplex units in 3 no. 3 storey blocks (comprised of Duplex Types A1, A2, B1 & B2), and 67 no. 1, 2 & 3 bed apartments in 2 no. blocks (comprised of Block C, being 3 storeys, and Block E, being 2-5 storeys over basement level). The development also includes a 1-2 storey crèche (c. 484.6m²) with associated outdoor space to the rear. Access to the development will be via 2 no. vehicular access points from Minister's Road, along with the provision of a roadside footpath and cycle path along the front of the site at Minister's Road. The proposed development also provides for:</p> <p>(i) all associated site development works above and below ground, (ii) public open spaces (c. 0.99 ha / 9,999m²), (iii) communal open spaces (c. 1,849m²), (iv) hard & soft landscaping & boundary treatments, (v) basement & surface car parking (Total: 583 no. car parking spaces, including EV parking), (vi) basement & surface bicycle parking (Total: 498 no. bicycle parking spaces), (vii) bin & bicycle storage, (viii) public lighting, and (ix) 2 no. ESB substations, all on an overall application site area of 8.3 ha.</p>	0.25	Granted	Permission was granted in March 2023. Expiry date March 2028. No up-to-date information available on construction timelines at time of writing.	No	No

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57	Residential Development	F21A/0488 https://planning.agileapplications.ie/fingal/application-details/90690	<p>Construction of 77 no. residential units (20 no. 1-bedroom units; 55 no. 2-bedroom units and 2 no. 3-bedroom units) across 2 no. apartment blocks as follows;</p> <p>Block 1 with is a part 3 and part 4 storey apartment block comprising 51 no. units (16 no. 1 bedrooms; 33 no. 2 bedrooms and 2 no. 3 bedroom units) with balconies/terraces to all units;</p> <p>Block 2, which is a part 3 and part 4 storey apartment block comprising 26 no. units (4 no. 1 bedrooms and 22 no. 2 bedroom units) with balconies/terraces to all units.</p> <p>65 no. surface level parking spaces, a total of 184 no. bicycle parking spaces (comprising 88 no. resident spaces and 26 no. visitor spaces in Block 1 and 56 no. resident spaces and 14 no. visitor spaces in Block 2); bin stores; landscaping and boundary treatments.</p> <p>The proposed development also consists of all associated site infrastructure and engineering works necessary to facilitate the development (on foot of planning permissions granted under Reg. Refs. F15A/0609, PL06F.248052; F18A/0058; F19A/0220 and F19A/0221).</p> <p>No works are proposed which directly affect the structures at Belcamp Hall (a protected structure), or any other protected structures associated with it.</p>	0.25	Granted	Permission was granted in August 2023. Expiry date August 2028. No up-to-date information available on construction timelines at time of writing.	No	No
58	School Development/amendments	F19A/0131 https://planning.agileapplications.ie/fingal/application-details/83471	<p>a) Demolition of existing school & relocation / removal of temporary buildings</p> <p>b) Construction of new 3 storey Post Primary School & single storey Special Education Needs Unit</p> <p>c) Provision of on site car parking & access road</p> <p>d) Provision of hard courts / overspill parking</p> <p>e) All other associated works including planting, erection of fence and alterations to site entrance</p> <p>f) Connection to existing foul & storm drainage system</p> <p>g) Installation of photovoltaic panels to the roof</p>	0.26	Granted	<p>Permission was granted in September 2019. Expiry date September 2024. No up-to-date information available on construction timelines at time of writing.</p> <p>With a five-year planning application, it is considered that this project will be substantially constructed by the time the proposed development commences construction or will not proceed.</p>	No	No

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59	Residential Development	3403/18 https://planning.agileapplications.ie/dublincity/application-details/127944	Planning permission on lands at the former Columban Missionary site, The Hole in the Wall Road and the R139 Road, Donaghmede, Dublin 13, for revisions to a previously permitted mixed-use residential development (previously granted under Reg. Ref. 2854/17; ABP Ref. PL29N.249368) to now provide for a 'Build to Rent' scheme. The proposed revisions shall consist of: (a) an increase of 22 no. apartments to now provide for a total of 225 no. residential units (comprising 113 no. 1 bedroom units; 102 no. 2 bedroom units; and 10 no. 3 bedroom units) within the 4 no. previously permitted blocks as follows: Block A - 5 Storey (Part 4 storey) block comprising of 78 no. residential units (43 no. 1 bedroom units; 33 no. 2 bedroom units; 2 no. 3 bedroom units) with balconies/terraces on the north, east, south and west elevations. Block B - 5 storey apartment block comprising 51 no. residential units (27 no. 1 bedroom units; 22 no. 2 bedroom units; 2 no. 3 bedroom units) with balconies/terraces on the north, east, south and west elevations. Block B will also comprise the previously permitted 1 no. concierge office; 1 no. community room (94sq.m. GFA); 1 no. gym (201 sq.m. GFA) and 1 no. childcare facility (248 sq.m. GFA) with ancillary outdoor play area (129 sq.m.), all of which will be at ground floor level; Block C - 5 storey apartment block comprising 25 no. residential units (7 no. 1 bedroom units; 16 no. 2 bedroom units; 2 no. 3 bedroom units) with balconies/terraces on the north and south elevations. Block D - 5 storey apartment block comprising 71 no. residential units (36 no. 1 bedroom units; 31 no. 2 bedroom units; 4 no. 3 bedroom units) with balconies/terraces on the north, east, south and west elevations; (b) associated elevational changes to Blocks A,B,C and D (c) provision of additional amenity facilities including children's play and recreational area at basement level; (d) reduction in basement level car parking spaces from 249 no. spaces to 151 no. spaces; (e) Increase in basement level bicycle parking spaces from 212 no. spaces to 348 no. spaces; (f) provision of new plant areas and refuse storage at basement level; and, (g) all associated engineering and site development works necessary to facilitate the development.	0	Granted	Permission granted July 2019. Expiry date Aug 2024. No up-to-date information available on construction timelines at time of writing. With a five-year planning application, it is considered that this project will be substantially constructed by the time the proposed development commences construction or will not proceed.	No	No
60	Residential Development	3506/20 https://planning.agileapplications.ie/dublincity/application-details/140947	Planning permission on lands known as Site 5, Northern Cross, Malahide Road, Dublin 17. The site is bound by the Malahide Road to the east, the existing Northern Cross development to the south and west, and detached dwellings and the River Mayne corridor to the north. The proposed development consists of the construction of 55 no. apartments and 2 no. double height commercial units (for Class 1- Shop or Class 2- Office/ Professional Services or Restaurant/ Café use). The building ranges from 8 to 12 storeys in height, including double height ground floor commercial units, above basement level. The 55 no. apartments consist of 3 no. studio units, 27 no. one bed units, 22 no. two bed units and 3 no. three bed units. All apartments are provided with private amenity space in the form of balconies/ terraces. The basement includes storage, plant/ service areas, laundry area and storage space allocated to the residential units. The proposal includes communal amenity space, including roof garden at 8th and 10th floor levels, and public realm improvements/public open space adjacent to the Malahide Road. The proposal contains a total of 27 no. car parking spaces, 87 no. secure bicycle parking spaces and 34 no. visitor bicycle parking spaces within the public realm. The proposed development includes PV panels at roof level, foul and surface water drainage, hard and soft landscaping, lighting, and all associated and ancillary site works.	0	Granted	Permission granted March 2021. Expiry date April 2026. No up-to-date information available on construction timelines at time of writing.	No	No

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61	Commercial Developments	3696/18 https://planning.agileapplications.ie/dublincity/application-details/128575	Amendments to the previously approved Planning Permissions Ref. No. 3247/14 & Ref No. 2478/17. The amendments consist of plans and elevation changes to two ground floor apartments (181.75sqm) and an area of the basement (334.05sqm) comprising of a total 515.77sqm in Block 32 to communal residential facilities, which includes reception, postal room, cafe, cinema room, gym, lounge/club room, changing room facilities with toilet facilities and an outdoor terrace area for basement and ground floor levels of an area 65.21sqm and 92.46sqm respectively reducing the amount of carparking by 12 spaces all on a site area of 19,627sqm.	0	Granted	Permission granted Jan 2019. Expiry date January 2024. As detailed on the National Building Control and Market Surveillance Office website, there is a commencement notice for Project 61 dated 28/01/2019 and it is therefore considered that Project 61 will be constructed by the time construction for the proposed development commences.	Yes	Yes
62	Transport Infrastructure	4214/18 https://planning.agileapplications.ie/dublincity/application-details/129653	Part 8 Application by Dublin City Council. Location: Belmayne Main Street and Belmayne Avenue, Dublin 13. Proposal: Pursuant to the requirements of the above, notice is hereby given of the completion of the unfinished Belmayne Main Street and refurbishments on Belmayne Avenue. A breakdown of the works includes the following: - Construction of carriageway, footpaths and cycleways. - Bus lane facilities, including a new bus-gate link to the Malahide Road. - On-street parking, public lighting and other utilities. - Signalised junctions at Belmayne Avenue/ Belmayne Main Street and at Belmayne Main Street/ Malahide Road. - Pedestrian/ toucan crossings for the new school on Belmayne Avenue, the park at Parkside Boulevard and at three locations on Belmayne Main Street. - Landscaping works including planting of appropriately sized trees.	0	Granted	This application was decided on 04 Mar 2019. Expiry date March 2024. No up-to-date information available on construction timelines at time of writing. With a five-year planning application, it is considered that this project will be substantially constructed by the time the proposed development commences construction or will not proceed.	No	No
63	Residential Development	LRD6017/22-S3 https://planning.agileapplications.ie/dublincity/application-details/151669	The proposed development seeks amendments to the previously approved Strategic Housing Development (granted under ABP Ref. 310944-21). The proposed amendments are to the previously permitted Blocks C & D and comprise of the omission of 43 no. studio apartments, which are to be replaced by 27 no. 1-bed apartments and 1 no. 2-bed apartments. The proposed amendments to Block C & D will also comprise a minor projection to the north of Block D at Level 5 and Level 6 to facilitate the replacement of a studio apartment with a 1 bedroom apartment at each floor; minor associated elevational changes to Blocks C & D; minor amendments to the plant and pv solar panels at roof level as well as a reduction of car parking spaces at the Level 00 parking area at Blocks C & D. Minor amendments to the landscape are also proposed to accommodate conditions attached to ABP Ref. 310944-21. There are no amendments proposed to the previously permitted Blocks A & B, or the previously permitted boundary and engineering details of the previously permitted scheme. Blocks C & D shall now provide for the following: Block C - a 6 storey (5 storeys rising to 6 storeys) apartment block comprising 110 no. apartments as follows: 5 no. studio units, 65 no. 1 bedroom apartments and 40 no. 2 bedroom apartments) all with terraces or balconies, which will be to the north, east, south and west elevations. Block D - a 7 storey (5 storeys rising to 7 storeys) apartment block comprising 100 no. apartments comprising 51 no. 1 bedroom apartments and 49 no. 2 bedroom apartments all with terraces or balconies, which will be to the north, east, south and west elevations. The overall development will now provide for 397 no. units (previously 410 no. units were permitted under ABP Ref. 310944-21) comprising 20 no. studio apartments, 170 no. 1 bedroom apartments and all associated site development works necessary to facilitate the proposed development.	0	Granted	Permission granted Nov 2022. Expiry date Jan 2027. No up-to-date information available on construction timelines at time of writing.	No	No

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64	School Development/amendments	3351/21 https://planning.agileapplications.ie/dublincity/application-details/145743	Planning permission for development will consist of amendments to previously approved planning ref. no. 2600/20 to post primary school: the north-west corner is to be set back at all floor levels to allow for services at the junction of Main Street and Belmayne Avenue, the PE hall is to be raised in height to allow for structural build-up and parapet height to the green roof, the addition of windows and doors to the north (Main Street) and south (court yard) facades.	0.02	Granted	Permission granted Nov 2021. Expiry date Jan 2027. No up-to-date information available on construction timelines at time of writing.	No	No
65	Residential Development	SHD0017/21 https://planning.agileapplications.ie/dublincity/application-details/145415	We, Belwall Limited intend to apply to An Bord Pleanála for planning permission for a proposed Strategic Housing Development on lands at Saint Columban's, The Hole in the Wall Road and the R139 Road, Donaghmede, Dublin 13 and No. 25 The Hole in the Wall Road Donaghmede, Dublin 13. The proposed development will consist of a residential development comprising 413 no. apartments (65 no. studios; 140 no. 1 bedroom units and 208 no. 2-bedroom units) across 4 no. apartment blocks (Blocks A-D) ranging from 5 storeys to 7 storeys in height with balconies/terraces to all elevations. The apartment blocks consist of the following: • Block A – 5 & 7 storey apartment block comprising 98 no. units as follows: 1 no. studio; 28 no. 1 bedroom units and 69 no. 2 bedroom units. • Block B – 5 & 6 storey apartment block comprising 90 no. units as follows: 15 no. studios; 26 no. 1 bedroom units and 49 no. 2 bedroom units. • Block C – 5 & 6 storey apartment block comprising 116 no. units as follows: 25 no. studio units; 48 no. 1 bedroom units and 43 no. 2 bedroom units. • Block D – 5 & 7 storey apartment block comprising 109 no. units as follows: 24 no. studio units; 38 no. 1 bedroom units; and 47 no. 2 bedroom units. The proposed development will also comprise residential amenity facilities and concierge/management suites in Blocks A and C; 1 no. childcare facility at ground level of Block A; a total of 298 no. car parking spaces (39 no. spaces at surface level (including 3 no. creche drop-off spaces and 1 no. creche staff parking space), 105 no. spaces at lower ground level below podium level communal open space courtyards (level 00) and 154 no. spaces at lower ground level below podium level communal open space courtyards (level B1); 8 no. motorcycle spaces; 788 no. bicycle parking spaces (including 10 no. spaces within the childcare facility and 20 no. spaces for car bicycles); landscaping, including communal open space and public open space and children's play spaces; boundary treatment; 3 no. ESB substations at ground level with associated switch rooms; plant and waste storage areas, water tanks; solar/pv panels to roof levels; 1 no. new vehicular and pedestrian entrance and 1 no. new pedestrian/cyclist access to The Hole in the Wall Road to the east; 2 no. new pedestrian/cyclist accesses and emergency vehicle access/egress onto the R139 to the south and all associated engineering, infrastructural and site development works necessary to facilitate the development, including the demolition of the existing 2-storey dwelling at No. 25 Hole in the Wall Road and the 2-storey Saint Columban's building and all associated outbuildings and structures.	0.05	Granted	Permission granted Nov 2021. Expiry date Jan 2027. As detailed on the National Building Control and Market Surveillance Office website, there is a commencement notice for Project 65 dated 02/12/2022 and it is therefore considered that Project 65 will be constructed by the time construction for the proposed development commences.	No	No
66	Transport Infrastructure	4757/22 https://planning.agileapplications.ie/dublincity/application-details/151836	The development will consist of the construction of a north south local access road and associated site works, replacing the existing greenway and linking Churchwell Avenue and the proposed Main Street.	0.11	Granted	Permission granted Nov 2022. Expiry date Jan 2028. No up-to-date information available on construction timelines at time of writing.	No	No

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67	Commercial Developments	2852/20 https://planning.agileapplications.ie/dublincity/application-details/139336	<p>Planning permission for the construction of a 129-bedroom nursing home (6476.5 sqm gross internal floor area) on a 0.46ha site bounded by Park Avenue, Park Terrace South and Park Row, Clongriffin, Dublin 13. The proposed development is a revision to approved planning permission reg. ref. 4477/09 for a nursing home (83-bedrooms - 5214 sqm gross internal floor area over 2 to 3 storeys) currently permitted for this site.</p> <p>The proposed nursing home consists of a single building ranging in height from 2 to 5 storeys arranged around, a private courtyard garden.</p> <p>The new design includes an additional fourth floor for accommodation facing onto Park Avenue; a partial fifth floor for plant/services on the corner of Park Avenue and Park Terrace South; an additional screened plant area on the part of the roof facing on to Park Row; significant elevational changes throughout. The main entrance is on Park Terrace South with staff and service entrances on Park Row. There are doors and windows to all street and courtyard elevations, there are balconies on the west elevation overlooking Park Avenue and on the internal east elevation overlooking the courtyard. The development includes 21 no. on street car parking spaces on Park Avenue, Park Terrace South and Park Row, 20 no. bicycle parking spaces on Park Terrace South and Park Row; an ESB sub-station; a service area and bin storage accessed from Park Row; provision of Photo Voltaic panels on the roof; and all associated ancillary works.</p>	0.38	Granted	Permission granted Feb 2021. Expiry date Mar 2026. No up-to-date information available on construction timelines at time of writing.	No	No

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68	Residential Development	3757/20 https://planning.agileapplications.ie/dublincity/application-details/141622	DCC Part 8 Development – Comprising 12 No. apartments arranged in four blocks (hereinafter called Block A, B, C & D) with associated car parking and site amenity space. The proposed new buildings are two-storey in height. Each two-storey block has two dwelling units on the ground floor (one 1-bedroom apartment and one 2-bedroom apartment) and one dwelling unit on the first floor level (one 3 -bedroom apartment). Each apartment has own-door access, with dedicated external stairs at Block A, B, C & D serving the apartment units at first floor level. Block A is accessed from Moatview Drive (West); Block B is accessed from Belcamp Crescent (North); Block C is accessed from Belcamp Crescent (East) and Block D is accessed from Belcamp Avenue (South). Dedicated bin and bicycle storage are provided at ground floor level for all apartments. The existing car parking bays at the terminus of Moatview Drive (West), Belcamp Crescent (North), Belcamp Crescent (East) and Belcamp Avenue (South) are proposed to be modified to provide 3 no. (12 no. total, to include 7 no. disabled) car parking spaces at Block A, B, C & D. The existing services access wayleave for the existing ESB substation at Belcamp Avenue (South) is to be retained. The proposal includes private amenity space at ground level, serving the ground floor apartments and a screened rooftop terrace, which provides private amenity space for the 3-bed units at first floor level. The Local Authority has concluded following a preliminary examination that there is no real likelihood of the proposed development having significant effects on the environment and therefore an EIAR is not required. Plans and Particulars of the proposed development may be inspected or purchased at a fee not exceeding the reasonable cost of making a copy for a period of 4 weeks from Wednesday 18 th November during public opening hours at the offices of Dublin City Council, Public Counter, Planning and Property Development Department, Block 4, Ground Floor, Civic Offices, Wood Quay, Dublin 8, Monday-Friday 09.00 hrs to 16.30 hrs. The proposal can also be viewed at Dublin City Council, North Central Area Office, Northside Civic Centre, Bunratty Road, Coolock, Dublin 17, Monday-Friday 09.30 hrs to 16.00 hrs. A submission or observation in relation to the proposed development, dealing with the proper planning and sustainable development of the area in which the development would be situated may be made in writing to: The Executive Manager, Planning and Development Department, Dublin City Council, Civic Offices, Wood Quay, Dublin 8, or online at https://consultation.dublincity.ie/ before 16.30 hrs on Thursday 7 th January 2021.	0.36	Granted	Permission granted Feb 2021. Expiry date February 2027. No up-to-date information available on construction timelines at time of writing.	No	No
69	Transport Infrastructure	314724 https://www.pleanala.ie/en-ie/case/314724	Railway/Metrolink – Estuary through Swords, Dublin Airport, Ballymun, Glasnevin and City Centre to Charlemont, Co. Dublin (Metrolink)	0	Within planning/consent process	Decision was due to be made by 21/12/2023.	Yes	Yes
70	Electricity Infrastructure	317831 https://www.pleanala.ie/en-ie/case/317831	Metrolink 110kV Proposed development of three 110kV electricity circuits	0	Within planning/consent process	Case is with An Bord Pleanála. Construction works (civil works) will be carried out on the three circuits, at various times between 2025 and 2031 (subject to statutory approval).	Yes	Yes
71	Residential Development	318393 https://www.pleanala.ie/en-ie/case/318393	Construction of 52 houses and all associated site works. A Natura Impact Statement (NIS) was submitted with this application.	0	Lodged end 2023 Within planning/consent process	Appeal. Case was due to be decided by 20/03/2024. No up-to-date information available on construction timelines at time of writing.	No	No

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72	Commercial Developments	F23A/0034 https://planning.agileapplications.ie/fingal/application-details/94301	<p>The construction of 2 no. industrial/ warehousing units on an overall applicable site area of 123 approx. 6.25ha.</p> <p>Unit A consists of an industrial building of 123pprox.. 9,555 sqm with 638 sqm of ancillary office and staff facility space, together with 82 no. car parking spaces and 72 no. cycle parking spaces. Overall height of 123pprox.. 18.3m.</p> <p>Unit B consists of an Industrial building of 123pprox.. 7,775 sqm with 824 sqm of ancillary office and staff facility space, together with 83 no. car parking spaces and 48 no. cycle parking spaces. Overall height of 123pprox.. 15.3m.</p> <p>Approximately 445m long, 7.5m-9m wide carriageway for the internal road layout to the future phase of Staffordstown Business Park and associated future industrial/commercial units (subject to separate planning application).</p> <p>A 1.5m footpath on both sides of the road (approximately 980m in length); and grass verges.</p> <p>The road, grass verges and footpath will extend to connect to the existing road constructed under Reg. Ref. F07A/1477. The site and access road levels will be raised and compensatory storage provided. The proposed development will also consist of a new watermain connection, proposed surface water drainage and foul sewer drainage connections and underground attenuation tank. Together with all ancillary drainage and site development works associated within the proposed development.</p> <p>A Natura Impact Statement (NIS) will be submitted to the Planning Authority with this planning application.</p>	0.25	Granted	Granted in August 2023. Expiry date August 2028. Construction works predicted to last approximately 12 months. No up-to-date information available on construction timelines at time of writing.	Yes	Yes
73	Residential Development	F23A/0114 https://planning.agileapplications.ie/fingal/application-details/94655	<p>Lands at Hamlet Lodge, Hamlet Lane, Balbriggan, Co. Dublin, K32 CR62</p> <p>The proposed development will consist of the following: The demolition of existing house 155sqmts., revised vehicular entrance location and the construction of a residential development comprising 14no. Residential units (total 1,283.05 sq. mts. GFA). The proposed development will consist of 5no. one-bedroom duplex apartments, 5no. three-bedroom duplex apartments and 4no. three-bedroom semi-detached houses. A total provision of 25no. within curtilage vehicular parking spaces and 25no. secured bicycle spaces. The provision of private amenity space/ patio of 7.9 - 9.3sqmts. to serve duplex apartments, private rear garden space of 61.9 - 78.04 sqmts. to serve houses and 307sqmts. of communal open space to serve the development including hard and soft landscaping works, new access road and pedestrian walkways, services (incl. SUDS) and all other ancillary and associated site development works.</p>	0.26	Granted January 2024	<p>Granted January 2024. Expiry date January 2029.</p> <p>As detailed on the National Building Control and Market Surveillance Office website, there is a commencement notice for Project 73 dated 18/03/2024 and it is therefore considered that Project 73 will be constructed by the time construction for the proposed development commences.</p>	No	No

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74	Industrial Development	F23A/0103 https://planning.agileapplications.ie/fingal/application-details/94602	<p>SK Biotek Ireland intend to apply for planning permission for development at part of the SK Biotek Swords Campus, Watery Lane, Townparks, Swords, Co. Dublin (bounded by Watery Lane to the north and west and the Ward River to east). The proposed development will consist of the construction of a modern c.1,010m² Active Pharmaceutical Ingredient (API) manufacturing facility with a parapet height of c. 14.63m (with handrail and plant above), located in the south-eastern part of the campus.</p> <p>The proposed development will replace part of an existing API building (to be demolished in accordance with Reg. Ref. F22A/0673 and will employ the latest industry technology with no change to the nature of operations undertaken (which will be similar to those previously used in the API building area that is to be demolished and elsewhere throughout the overall site.) The proposed development represents a modification to a SEVESO (lower tier) site and relates to development which comprises an activity requiring an industrial emissions (IE) LICENCE.</p> <p>(The site currently operates under IE Licence No P0014-04, and will comply with any future revisions to that licence.) The application includes an Environmental Impact Assessment Report (EIAR) and a Natura Impact Statement (NIS).</p>	0.57	Granted	Grant March 2024. Expiry date March 2029. Construction works predicted to last between 12-18 months, subject to planning approval.	No	No
75	Residential Development	4137/23 https://planning.agileapplications.ie/dublincity/application-details/156632	<p>Lands at 1 & 2 Hawthorn Cottages, Malahide Road, Dublin 17, D17 HD39. Permission for the proposed development will consist of demolition of the existing residential property and existing derelict residential property. The construction of a residential development consisting of two blocks with a total of 79 residential apartments. Block A is located to the east of the site and includes 24no. 2 bed apartments and 12no. 1 bed apartments. Block B is on the west side of the site and includes 30 no 3 bed apartments; and 13 no 1 bed apartments. All apartments have private space in the form of balconies/terraces. Block A ranges from 6-8 to storeys in height and Block B is 7-8 storey in height excluding basement. The proposed development including communal amenity spaces located centrally at ground level and on the roofs of Block A and in Block B. The basement contains parking for 56 spaces including 4 no disabled spaces and motorcycle parking along with electric vehicle parking and is accessed via a new vehicle entrance and ramp from Malahide Road. New boundary treatments and communal bike stores, bin stores are proposed. A children's play area and crèche is included. Associated groundworks, landscaping, drainage including SUDS measures, lighting engineering and ancillary works necessary to facilitate the development. This application is accompanied by a Natura Impact Assessment.</p>	0.05	Granted	Grant March 2024. Expiry date March 2029. No up-to-date information available on construction timelines at time of writing.	No	No
76	Transport Infrastructure	N/A https://www.dartplus.ie/en-ie/projects/dart-north	<p>The third of the infrastructural projects of the DART+ Programme to be delivered will be the DART+ Coastal North Project. This rail improvement project will provide an extension of the existing electrified rail network from Malahide to Drogheda MacBride stations and will provide the infrastructure to facilitate an increase to the rail capacity on the Northern Line between Dublin City Centre and Drogheda MacBride Station, including the Howth Branch.</p>	0	Pending Application	Application is expected to be submitted to An Bord Pleanála in 2024. No up-to-date information available on construction timelines at time of writing.	No	Yes
77	Greenway	N/A https://www.fingal.ie/fingal-coastal-way	<p>The Fingal Coastal Way is a proposed greenway extending from Newbridge Demesne in Donabate to the Fingal county boundary, north of Balbriggan. The overall length of the scheme will be approximately 32km, depending on the final route selected. The Fingal Coastal Way is envisaged to be a flagship scheme for tourism in the county with the potential to promote and enhance the local tourist economy.</p>	0	Pending Application	No up-to-date information available on construction timelines at time of writing.	Yes	Yes

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78	Infrastructure Development	2552/15 https://planning.agileapplications.ie/dublincity/application-details/110604	<p>PROTECTED STRUCTURE: Permission for development of an aviation fuel pipeline from Dublin Port, Dublin 1 to Dublin Airport, Co Dublin. The route of the pipeline is from proposed inlet station at Team CV Ltd, Bond Drive, Dublin Port, Dublin 1 and via Bond Drive, Tolka Quay Road, East Wall Road, under the Tolka River, Alfie Byrne Road, Clontarf Road, Howth Road, Copeland Avenue, Malahide Road (R107) and R139 (formerly N32). (It then enters Fingal Co. Council administrative area at Clonshaugh Rd. and routes via AUL/FAI sports ground, under the M1 motorway via the DAA Long Term Red Carpark, adjacent to Eastlands Car Hire Compound, ALSAA complex, under the Swords Road R132 and via Corballis Road to a reception station at Dublin Airport, Co Dublin. A separate application is being lodged con-currently with Fingal County Council in respect of the development proposed in its administrative area).</p> <p>The development will consist of (a) single storey Control Building, pumps and ancillary pipework in a fenced compound at Bond Drive, Dublin Port, Dublin 1 (b) a 200mm diameter continuously welded steel pipeline, laid generally in the public road at a depth of circa 1.2m below surface level except where it will pass under the Tolka and Santry Rivers and culverted streams.</p> <p>The length of the pipeline in Dublin City Council administrative area will be circa 11.4 km (total length will be circa 14.4 km.) (c) 2no. above-ground control boxes associated with emergency shut-down valves on the pipeline, at the junction of the Malahide Road R107 and Donnycarney Road and on the R139 (formerly N32) east of the junction with Clonshaugh Road South.</p> <p>The pipeline will be laid in the roadway under the Clontarf Bridge which is a protected structure.</p> <p>An Environmental Impact Statement and Natura Impact Statement have been prepared in respect of the application and will be submitted with the planning application.</p>	0	Granted	Granted April 2016. Construction works along the R139 was anticipated to start on site in May/June 2023. Construction is underway at the time of writing this EIAR. It is assumed that construction of this project will be substantially completed by the time construction of the proposed development commences in 2026/2027.	Yes	Yes
79	Transport Infrastructure	310145 310145 https://www.pleanala.ie/en-ie/case/310145	<p>R132 Connectivity Project - Fingal County Council, in conjunction with the National Transport Authority is proposing to carry out upgrade works to the R132 in Swords. Lands at Along existing R132 situated between Lissenhall Interchange and Pinnockhill Junction, to the east of Swords Town Centre, Co. Dublin</p> <p>The proposed works include the following:</p> <ol style="list-style-type: none"> Upgrade works between the north of Pinnock Hill Roundabout and north of Estuary Roundabout, to facilitate installation of new protected cycle and pedestrian facilities, retention of one bus and one general traffic lane in each direction, removal of hard shoulders and/or general traffic lanes, and reduction in speed limit to 50km/h. Three new signal controlled crossing points provided along the R132 located as follows: <ul style="list-style-type: none"> North of Pinnockhill Roundabout Adjacent existing Chapel Lane/Ashley Avenue overbridge North of Estuary Roundabout. The following three existing roundabouts will be changed to signalised intersections to facilitate pedestrian and cyclist facilities: <ul style="list-style-type: none"> Malahide Road Roundabout Seatown Roundabout Estuary Roundabout. Partial/full closure of Drynam Road connection to the R132/Malahide Road Roundabout 	0	Granted 2022	Granted in January 2022. Expiry date January 2027. No up-to-date information available on construction timelines at time of writing.	Yes	Yes

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80	Sports and Recreation	PartXI/006/20 https://planning.agileapplications.ie/fingal/application-details/88227	The Bremoore Regional Park Development Project, including The Balbriggan Sports and Recreational Hub, Central Zone Open Spaces, new Coastal Park, all ancillary infrastructure and Park Boundaries at Bremoore Regional Park, Balbriggan, Co. Dublin. The Balbriggan Sports & Recreational Hub includes: 8 Lane Athletics Track (All weather surface), 1 no. All Weather (3g Surface) Pitch, 100m x 60m,- 1no. 5-a-side side All Weather (3g Surface) Pitch 40m x 25m, 2no. 9-a-side football pitches, 70m x 50m, 3no. Basketball courts 28m x 16m, 2no. Tennis Courts 24m x 11m, 1 no. GAA Pitch 145m x 90m, Bleacher seating structures, Sports enclosure fencing and Primary Circulation Network Main Ancillary Infrastructure includes: Landscaped Car Park and Associated Car Parking, Fibre Optic Communications Connections, Proposed Sports & Recreational Hub Lighting, The Central Zone Open Spaces, The Coastal Park, Landscaped Car Park and Associated Car Parking and Park boundaries (1220 lin.m)	0	Granted 2021	Granted June 2021. Expiry date June 2026. No up-to-date information available on construction timelines at time of writing.	Yes	Yes
81	Residential Development	310077 310077 https://www.pleanala.ie/en-ie/case/310077	260 no. apartments and associated site works. Site at Belmayne P4. The corner of Churchwell Road and Churchwell Crescent, Belmayne, Dublin 13. (www.belmayneshd.ie)	0.14	Granted	Grant in August 2021. Expiry date August 2026. No up-to-date information available on construction timelines at time of writing.	No	No
82	Residential Development	310944 310944 https://www.pleanala.ie/en-ie/case/310944	413 no. apartments, creche and associated site works located at Saint Columban and No. 25 Hole in the Wall Road, Donaghmede, Dublin 13. (www.holeinthewallroadshd2.ie)	0	Granted	Permission granted November 2021. Expiry date November 2021. No up-to-date information available on construction timelines at time of writing.	No	No
83	Residential Development	305623 305623 https://www.pleanala.ie/en-ie/case/305623	282 no. apartments and associated site works. Parkside 4, Parkside Boulevard, Dublin 13. (www.parksideblvdshdplanning.com)	0	Granted	Permission granted February 2020. Expiry date February 2025. No up-to-date information available on construction timelines at time of writing. With a five-year planning application, it is considered that this project will be substantially constructed by the time the proposed development commences construction or will not proceed.	Yes	Yes
84	Residential Development	311059 311059 https://www.pleanala.ie/en-ie/case/311059	1,365 no. units (346 no. houses, 1,019 no. apartments), creche and associated site works. Located at Corballis East, Donabate, Co. Dublin. (www.corballiseastshd.ie)	3.2	Granted	Permission granted November 2022. Expiry date November 2032. No up-to-date information available on construction timelines at time of writing.	No	No
85	Residential Development	312855 312855 https://www.pleanala.ie/en-ie/case/312855	Construction of 87 residential dwellings and 3 ground floor retail units. Located at Lands located west of Malahide Road and north of Baskin Lane, Malahide Road, Kinsealy (also Kinsaley), Dublin 17	0	Granted	Granted by An Bord Pleanála on 08/04/2024. Expiry date April 2029. No up-to-date information available on construction timelines at time of writing.	Yes	Yes
86	Transport Infrastructure	N/A Harry Reynolds Road Pedestrian & Cycle Route Fingal County Council	This scheme will provide a cycle-link between Drogheda Street and Hamilton Road in Balbriggan. The route will serve 3 school campuses at Ardgillan Community College, St. Mologas and Balbriggan Educate Together National School, as well as offering a safe cycling and walking route to shops, childcare facilities and community amenities including Millpond Park and Flemington Community Centre. The route will make travelling by Active Travel in Balbriggan safer and more convenient, particularly for children, older people and less experienced cyclists.	0	Granted	Construction Currently Underway. It is predicted that construction of Project 86 will be complete by the time construction of the proposed development commences.	No	No

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87	Electricity Infrastructure	Not available	Belcamp – Shellybanks 220kV cable will provide a second 220kV connection to the new Belcamp 220kV station which lies to the east of Finglas 220/110kV station.	0	Granted	It is predicted that construction of this project will be completed at Belcamp before the construction phase of the proposed development commences.	No	No
88	Electricity Infrastructure	319422 319422 https://www.pleanala.ie/en-ie/case/319422	<p>In accordance with Section 182A of the Planning and Development Act 2000, as amended, EirGrid plc, with the consent and approval of Electricity Supply Board (ESB), gives notice that it proposes to seek the approval of An Bord Pleanála in relation to the proposed development, being the East Meath – North Dublin Grid Upgrade project consisting of approximately 37.5 kilometres (km) of new 400 kilovolt (kV) underground cable circuit between the existing Woodland Substation in the townland of Woodland in County Meath, and the existing Belcamp Substation in the townlands of Clonshagh and Belcamp in Fingal, County Dublin. The Proposed Development will also involve works in the substations to facilitate the connection of the underground cable circuit to the electrical grid.</p> <p>Approximately 20.5km of the proposed underground cable circuit is located in County Meath and approximately 17km of the proposed underground cable circuit is located in Fingal.</p> <p>The Proposed Development will be located within the following townlands in Fingal: Court, Gallanstown, Yellow Walls, Hollywood, Irishtown, Spricklestown, Killamonan, Cherryhound, Ward Upper, Ward Lower, Newpark, Shallon, Corrstown, Common, Skephubble, Ballystrahan, Kilreesk, Kingstown, Barberstown, Pickardstown, Forrest Great, Forrest Little, Cloghran, Glebe, Baskin, Stockhole, Middletown, Clonshagh and Belcamp.</p> <p>The Proposed Development consists of the following principal elements:</p> <p>A. Installation of an underground cable circuit, approximately 37.5km in length, connecting Woodland Substation (400kV) in the townland of Woodland in County Meath, and Belcamp Substation (220kV) in the townlands of Clonshagh and Belcamp in Fingal.</p> <p>The development of the underground cable circuit will include the following:</p> <ul style="list-style-type: none"> Construction of a trench of approximately 1.5m in width and approximately 1.3m in depth in the public road (approximately 26km) and approximately 1.8m in depth in private lands (approximately 11.5km) in which the underground cable circuit is laid in flat formation, with associated above ground route marker posts. Route marker posts will be located at field boundaries where the proposed underground cable circuit is laid in private land, at regular intervals in road verges when the proposed underground cable circuit is in-road, in road verges where the proposed underground cable circuit crosses any roads, and at Horizontal Directional Drilling (HDD) crossing locations; Construction of 49 Joint Bays (on average every 750m), primarily in the public roads, each approximately 10m in length, 2.5m in width and 2.5m in depth, with adjacent communication chambers and link boxes, along the full alignment of the underground East Meath – North Dublin Grid Upgrade: Statutory Particulars 321084AJ-JAC-XX-XX-RP-Z-027 11 cable circuit. Where the Joint Bays are located off-road, permanent hardstanding areas will be created around the Joint Bays; The laying of communication links and fibre optic cables between both substations, running in the same trench as the underground cable circuit; The provision of seven Temporary Construction Compounds located along the route and adjacent to substations – sizes for each of the seven Temporary Construction Compounds ranging from approximately 0.8ha to 1.6ha; 	0	Within planning/consent process	Application was submitted in April 2024. Subject to approval, construction is predicted to commence in Q2 2026 and finish in Q4 2029.	Yes	Yes

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			<ul style="list-style-type: none"> The provision of a Temporary HDD Compound at both the reception and launch locations for three HDD motorway crossings, (i.e., six temporary HDD Compounds in total), and associated laydown area for each HDD crossing (i.e., three laydown areas in total) – sizes for each of the six HDD compounds (plus laydown area where applicable) ranging from approximately 0.15ha to 0.45ha; The provision of temporary Passing Bays during construction at certain Joint Bay locations, each approximately 95m in length and 5.5m in width; The laying of unbound temporary access tracks, 5m wide in private lands (approximately 12km in total length); The laying of 12 unbound, permanent access tracks, 4m wide in private land (approximately 4km in total length); All associated water, rail, road, and utility underground crossings using either trenchless drilling or open cut techniques as appropriate for the particular crossing; and All associated and ancillary above and below-ground site development works, including works comprising or relating to permanent and temporary construction and reinstatement, roadworks, utility diversions and site and vegetation clearance. B. Upgrades to the existing 400kV Woodland Substation in the townland of Woodland in County Meath. All ancillary site development works including site preparation works, site clearance and levelling, drainage, access tracks, levelling, drainage, and use of existing access points off Stockhole Lane and the R139. 					

Plans and Programmes				
Plan/programme	Details	Distance to Proposed Development Boundary (km)	Screened into coastal and marine habitat assessment because of potential for spatial/temporal overlap?	Screened into ornithology assessment because of potential for spatial/temporal overlap?
Offshore Renewable Energy Plan 2014	In 2014, the Government published the Offshore Renewable Energy Development Plan (OREDP) setting out key principles, policy actions and enablers for delivery of Ireland's significant potential for offshore renewable energy. In this way, the OREDP provides a framework for the sustainable development of Ireland's offshore renewable energy resources.	N/A	No	No
National Energy and Climate Plan 2021 – 2030	It is a requirement of Regulation (EU) 2018/1999 for all member states to establish integrated 10-year National Energy and Climate Plans. The National Energy and Climate Plan 2021 – 2030 was published in 2019 to comply with the requirement of Regulation (EU) 2018/1999 to fulfil this obligation and committed Ireland to decarbonising the economy by establishing sectoral roadmaps.	N/A	No	No
Climate Action Plan 2024	The Climate Action Plan 2024 (CAP 2024) is the third update to Ireland's Climate Action Plan, prepared in compliance with the Climate Acts. It was approved by Government on 20 December 2023. The CAP 2024 was accompanied by an Annex of Actions.	N/A	No	No
National Development Plan 2018-2027	The National Development Plan (NDP) 2018 – 2027 was published in conjunction with the NPF in February 2018. The NDP has subsequently been updated for the period 2021-2030. The NDP acts as the national plan setting out investment priorities to guide national, regional and local planning and investment decisions. The NDP prioritises investment in high-quality infrastructure through both public and private investors.	N/A	No	No
EMRA Regional Spatial & Economic Strategy 2019-2031	The Eastern and Midland Region covers the administrative areas of twelve local authorities. These are Longford, Westmeath, Offaly, Laois, Louth, Meath, Kildare, Wicklow, Fingal, South Dublin and Dún Laoghaire-Rathdown County Councils and Dublin City Council. The Eastern and Midland Regional Assembly (EMRA) published the Regional Spatial and Economic Strategy (RSES) in 2019 as a framework for implementing Project Ireland 2040's policy objectives on a regional scale.	N/A	No	No
Fingal Development Plan 2023-2029	The vast majority of the proposed onshore infrastructure elements of the proposed development will be located within the administrative boundaries of Fingal County Council (FCC). The Fingal Development Plan 2023-2029 (hereafter referred to as the FDP) was adopted on 22nd February 2023 and came into effect on the 5th of April 2023.	0	No	No
Dublin City Council Development Plan 2022-2028	A short section of the onshore cable route of the proposed development will be located in Dublin City where the onshore cable connects to the National Grid Transmission Network at Belcamp Substation. The Dublin City Development Plan 2022-2028 (hereafter referred to as the DCDP) (Dublin City Council (DCC), 2022) was adopted on the 2nd of November 2022 and came into effect on the 14th of December 2022.	0	No	No
Meath County Development Plan 2021-2027	The offshore infrastructure of the proposed development will be located off the coast of Counties Louth, Meath and Dublin and as such the Meath County development Plan has been considered in further detail. The Meath County Development Plan 2021-2027 (MCDP) was adopted on 22nd September, 2021 and came into effect on 3rd November 2021.	0	No	No
Louth County Development Plan 2021-2027	The offshore infrastructure of the proposed development will also be located off the coast of County Louth. The Louth County Development Plan 2021-2027 (LCDP) was adopted on 30th September, 2021 and came into effect on 11th November, 2021.	0	No	No
Lissenhall East Local Area Plan 2022	The onshore cable of the proposed development will be routed adjacent to the Lissenhall LAP boundary. The Lissenhall East Local Area Plan (Lissenhall LAP) was adopted in January of 2023. It provides the land use framework to guide development on the Lissenhall East lands, which are situated in the northeastern part of Swords, within its development boundary.	0	No	No
Kinsaley Local Area Plan	The onshore cable of the proposed development will be routed along the R107 which is located within the boundary of the Kinsaley LAP. The Kinsaley Local Area Plan (Kinsaley LAP) was adopted as part of the Fingal Development Plan 2017-2023 in May 2019. The Kinsaley LAP provides a framework for the planned, coordinated and sustainable development of Kinsaley for the period of 2019-2025.	0	No	No