

MORAY EAST VESSEL SPECIFICATION REPORT	Issue Date	29/04/2020
	Ref: 8460001-PC0010-MWE-REP-0020	Rev: 02


Vessel specs and details

Update: 29/04/2020



Relevant Marine Licences: Wind Farm Marine Licences (Telford, Stevenson and MacColl Offshore Wind Farms); Offshore Transmission Infrastructure (OfTI) Marine Licence and Offshore Substation Platform (OSP) Marine Licence

Moray Offshore Windfarm (East) Limited (Moray East)



Vessel details for 2019

ID	Vessel	Vessel Type / Function	Operator	Contact Details	Vessel call sign	Vessel key characteristics	Date on site	Relevant Marine Licence
1	JUV Apollo 	Offshore Heavy Lift DP2 jack up vessel Pile installation works	DEME Offshore	VSAT: +49 421 517 219 1711 bridge.Apollo@ships.deme-group.com	LXBP IMO 9769764 MMSI 253586000	LOA: 89.3 m Beam: 42.0 m Draught: 15 m	From 18/05/2019	Wind Farm, OfTI and OSP Marine Licences



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2	MV Normand Service 	DP 2 PSV vessel Infield pile installation supply and support	DEME Offshore	Bridge +870 773 152 045 +44 7465 844 147 VSAT +44 293 608 9671 bridge@service.solstad.com	LAFR8 IMO: 9656644 MMSI: 257062690	LOA: 88.80 m Beam: 19.0 m Draught: 6.60 m	From 18/05/2019	Wind Farm, OfTI and OSP Marine Licences
3	GV Replenish 	Construction guard vessel	Kinnaird Marine Services Replenish (FR) LLP	Onshore Office Kirkton House, South Road Fraserburgh AB43 8TJ 01346 518035 Vessel email. gvreplenish@gmail.com George West george@kinnairdmarine.co.uk VHF	MASY7 MMSI: 235055180	LOA: 24.36 m Beam: 7.17 m Draught 3.48 m	From 17/05/2019	Wind Farm, OfTI and OSP Marine Licences



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4	<p>KMS Ability N294</p> 	Construction guard vessel	Kinnaird Marine Services	<p>Onshore Office Kirkton House, South Road Fraserburgh AB43 8TJ 01346 518035 Vessel email. kmsability@gmail.com George West george@kinnairdmarine.co.uk VHF</p>	MDFW3 MMSI: 235014666	LOA: 23.14 m Beam: 6.63 m Depth: 3.20 m	From 05/06/2019	Wind Farm, OfTI and OSP Marine Licences
5	<p>Rover Alpha</p> 	Construction guard vessel	Kinnaird Marine Services	<p>Onshore Office Kirkton House, South Road Fraserburgh AB43 8TJ 01346 518035 Vessel email. TBC George West george@kinnairdmarine.co.uk VHF</p>	MLAS2 IMO 920661	LOA: 19.21 m Beam: 6.0m Draught: 5.8 m	From TBC	Wind Farm, OfTI and OSP Marine Licences



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6	Natalie C 	Construction guard vessel	Kinnaird Marine Services	Onshore Office Kirkton House, South Road Fraserburgh AB43 8TJ 01346 518035 Vessel email. TBC George West george@kinnairdmarine.co.uk VHF	GHNE IMO 8673126	LOA: 26.36 m Beam: 6.4m Draught: 3.24 m	From TBC	Wind Farm, OfTI and OSP Marine Licences
7	Resolute 	Construction guard vessel	Kinnaird Marine Services	Onshore Office Kirkton House, South Road Fraserburgh AB43 8TJ 01346 518035 Vessel email. TBC George West george@kinnairdmarine.co.uk VHF	MLPD5 IMO 7008025	LOA: 25.2 m Beam: 6.86m Draught: 2.6 m	From 11/11/2019	Wind Farm, OfTI and OSP Marine Licences



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8	Voe Jarl 	HDD Utility Vessel and anchored at HDD exit point	Delta Marine	Onshore contact Dave McNaughton 07748986716 dave@deltamarine.co.uk Vessel Mobile for Master +44(0)7502297888 voejarl@delta-marine.co.uk VHF	MSBB3 IMO 9429974 MMSI 235055168	LOA: 26.0 m Beam: 11.5 m Depth: 5.1 m	From 14/07/2019	OfTI Marine Licence
9	Rona 	Secure tail end of HDPE during tow/Crew Transfers/Medical Emergency	Caldive Limited	Iain Beaton 18 High Street, Invergordon IV18 0ET, Ross-shire, Scotland Tel: + 44 (0) 1349 853688 (24 hour service) Tel: + 44 (0) 1349 853688 Mob: + 44 (0) 7713 064672 Master TBC	MACN3	LOA: 26 m Beam: 11 m Draught: 2.25m	From 02/08/2019	OfTI Marine Licence

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10	Shuna 	Tug boat for ducting pull works	Caldive Limited	Iain Beaton 18 High Street, Invergordon IV18 0ET, Ross-shire, Scotland Tel: + 44 (0) 1349 853688 (24 hour service) Tel: + 44 (0) 1349 853688 Mob: + 44 (0) 7713 064672 Master TBC	VQBP3	LOA: 16.8 m Beam: 5.29 m Draught: 2.3 m	From 02/08/2019	OfTI Marine Licence
11	Teal of Wick 	Multipurpose vessel	Caldive Limited	Iain Beaton 18 High Street, Invergordon IV18 0ET, Ross-shire, Scotland Tel: + 44 (0) 1349 853688 (24 hour service) Tel: + 44 (0) 1349 853688 Mob: + 44 (0) 7713 064672 Master TBC	ZQXM9	LOA: 18.25 m Beam: 8.0 m Draught: 1.85 m	From 02/08/2019	Wind Farm, OfTI and OSP Marine Licences

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12	Waterfall 	Workboat, UK MCA Cat 2 Sound recording equipment and acoustic loggers deployment / recovery	University of Aberdeen	Bill Ruck Moray First Marine Ltd Tel: 07775 802 963 bill@moraymarine.com	2CBT4 / 235071392	LOA: 16 m Beam: 6.5 m Draught: 1.7 m	From 15/05/2019	Wind Farm Marine Licences
13	Coral Wind 	Workboat, UK MCA Cat 2 Sound recording equipment and acoustic loggers deployment / recovery	University of Aberdeen	Bill Ruck Moray First Marine Ltd Tel: 07775 802 963 bill@moraymarine.com	2EMX8 / 235086491	LOA: 14 m Beam: 5.1 m Draught: 1.2 m	From 15/05/2019	Wind Farm Marine Licences

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14	Isle of Jura 	BV Class Anchor Handling Offshore Support Vessel MCA Workboat Class V111	Caldive limited	Iain Beaton 18 High Street, Invergordon IV18 0ET, Ross-shire, Scotland Tel: + 44 (0) 1349 853688 (24 hour service) Tel: + 44 (0) 1349 853688 Mob: + 44 (0) 7713 064672 Master TBC	MFFY6 / 232021966	LOA: 33.2 m Beam: 14.5 m Draught: 4.85 m with aft thrusters deployed	27/11/2019	Wind Farm, OfT and OSP Marine Licences

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Vessel details from 2020 onwards

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1	HLV Orion 	Offshore Heavy Lift DP3 Installation Vessel WTG and OSP Jacket Foundation Installation and OSP Topside Installation	GeoSea	Onshore contact Mr Sollie +32 475 535382 SOLLIE.KRIS@DEME-GROUP.COM	TBC	LOA 216 m Beam 49 m Draught 16.8 m	2020	Wind Farm, OfTI and OSP Marine Licences
2	NKT Victoria 	Cable Lay (export cables) PLGR Pre-Crossing Installation Boulder Pelocation	NKT / Remoy Management	Tommy Stuesson Project Manager D +46 455 53520 tommy.stuesson@nkt.com	LAWV7	LOA: 140 m Beam: 30 m Draught: 7.2 m	From June 2020	OfTI Marine Licence



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3	Havila Phoenix 	Trenching Vessel (export cables)	Havila shipping/ Deep Ocean	TBC	C68D2	LOA: 127 m Beam: 23 m Draught: 6.25 m	2020	OfTI Marine Licence
4	Zwerver II 	Pre-lay Grapnel – Anchor Handling Vessel Route Clearance with Grapnel / Hook Train on Seabed (inter-array and OSP interconnector cables)	HVS Dredging Support	Onshore contact Mr. Arjan (J.J.) van Stee +31 (0) 6 53663292 Vessel e mail TBC Vessel tel TBC VHF	PCTQ IMO 9794458 MMSI 244870718	Length: 35 m Breadth: 15 m Draught: 4.07m	2020-2021	Wind Farm and OfTI Marine Licences



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5	CLV NDurance 	Cable lay (inter-array and OSP interconnector cables)	Boskalis	TBC	5BVH3	LOA: 99.0 m Beam: 30 m Draught: 4.3 m	2020-2021	Wind Farm and OfTI Marine Licences
6	ACTA ISV Orion 	Survey, equipment and personnel transfer (inter-array and OSP interconnector cables)	ACTA Marine	TBC	PCEN	LOA: 107 m Beam: 16 m Draught: 5.5 m	2020-2021	Wind Farm and OfTI Marine Licences



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7	TSV Grand Canyon 	Cable burial and survey (inter-array and OSP interconnector cables)	Helix Energy Solutions	TBC	LACJ8	LOA: 128 m Beam: 26 m Draught: 6.7 m	2020-2021	Wind Farm and OfTI Marine Licences
8	OSV Vos Start 	Personnel and equipment transfer (inter-array and OSP interconnector cables)	Vroon	TBC	PBIH	LOA: 80 m Beam: 18 m Draught: 5 m	2020-2021	Wind Farm and OfTI Marine Licences



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9	RPV Rock Piper 	Rock dump installation and fall pipe vessel (inter-array and OSP interconnector cables)	Acta Marine	TBC	5BML3	LOA: 107 m Beam: 16 m Draught: 5.5 m	2020-2021	Wind Farm and OfTI Marine Licences
10	Maersk Connector 	Survey of site one cable route.	Enshore	Offshore Manager / Party Chief: Scott Gooding Sgooding@enshoresubsea.com	OWEB2	LOA: 138 m Beam: 28 m Draught: 5.4 m	2020	OfTI Marine Licence




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11	Havila Venus 	Boulder Clearance on Export Cable route and Inter Array Cable Route	Havila Shipping/Oceaning	Vessel Master Tel: +47 23675864 Vessel E-mail: Bridge.venus@havilaship.com	LAZC	LOA: 92 m Beam: 22 m Draught: 7.1 m	From April 2020	OfTI and OSP Marine Licences
12	Flintstone 	Pipelay/ Boulder Clearance and Scour Protection installation	DEME Group	Vessel Master Tel: +494215172191963 Vessel E-mail: captain.flintstone@ships.deme-group.com	PBZD	LOA:154.6 m Beam 32.23 m Draught: 6.7 m	From April 2020	OfTI and OSP Marine Licences



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14	<p>Ocean Enterprise</p> 	<p>Workboat, UK MCA Cat 2 Survey vessel/Port tender</p>	<p>Moray First Marine Ltd</p>	<p>Bill Ruck Moray First Marine Ltd Tel: 07775 802 963 bill@moraymarine.com</p>	<p>MECUS/ 232018791</p>	<p>LOA: 14 m Beam: 7 m Draught: 1.2 m</p>	<p>April 2020</p>	<p>Windfarm licence</p>
15	<p>Wagenborg Barge 7, Wagenborg Barge 8 and Wagenborg Barge 10</p> 	<p>Barges / OSPs Transport</p>	<p>Royal Wagenborg B.V. / Wagenborg Towage</p>	<p>Wagenborg Towage TBC</p>	<p>IMO: 0989329 Company IMO: 0303304</p>	<p>LOA: 100 m Beam: 33 m Draught: 6.05 m</p>	<p>May 2020</p>	<p>OSP Marine Licence</p>



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16	Multratug 3 	Tugboats / OSPs Transport	Multraship	Multraship Towage & Salvage TBC	PCDB IMO: 9537408	LOA: 32.14 m Beam: 13.29 m Draught: 6.31 m	June 2020	OSP Marine Licence
17	Multratug 17 	Tugboats / OSPs Transport	Multraship	Multraship Towage & Salvage TBC	PHPV IMO: 9481752	LOA: 35.70 m Beam: 11.50 m Draught: 4.35 m	June 2020	OSP Marine Licence
18	Multratug 18 	Tugboats / OSPs Transport	Multraship	Multraship Towage & Salvage TBC	PBRY IMO: 9492880	LOA: 35.70 m Beam: 11.50 m Draught: 4.85 m	June 2020	OSP Marine Licence



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19	Multratug 27 	Tugboats / OSPs Transport	Multraship	Multraship Towage & Salvage TBC	PCWB IMO: 9667875	LOA: 28.67 m Beam: 10.43 m Draught: 4.80 m	June 2020	OSP Marine Licence
20	Boskalis Spirit/ex Stemat 	Cable Layer	Royal Boskalis	TBC	5BWK4	LOA: 90 m Beam: 28 m Draught: 3.8 m	2020	OfTI and OSP Marine Licences



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21	<p>Bold Tern</p> 	Offshore Construction Jack-up vessel./WTG	Fred.Olsen Windcarrier	TBC	Call sign 9HA3053 IMO 95837 MMSI 229080000	LOA: 131.73m Beam: 39 m Draught: 6.2m	TBC	OfTI and OSP Marine Licences
22	<p>Acta Centaurus</p> 	DP2 WTG W2W Construction Support vessel	Acta Shipping 3BV	TBC	Call sign PB01 IMO 9850355 MMSI 244341000	LOA:93.4 m Beam: 18 m Draught: 5.6 m	TBC	OfTI and OSP Marine Licences


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23	GMS Endeavour 	Offshore Jack up Platform vessel. OSP hook up commissioning	Fred.Olsen Windcarrier	TBC	Call sign 3EUG6 IMO 9558983 MMSI 370582000	LOA:84.1 m Beam 36 m Draught 5.9 m	TBC	Wind Farm, OfTI and OSP Marine Licences
24	NDeavor 	Cable lay (inter-array and OSP interconnector cables)	Boskalis	TBC	Call Sign 5BVG3 MMSI- 209752000 IMO- 9650212	LOA:99 m Beam:30 m Depth: 7 m	TBC	Wind Farm and OfTI Marine Licences

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25	Boka Falcon 	Anchor Handler / Boulder Clearance Plough	Boskalis	Boskalis TBC	TBC	LOA : 93.5m Beam : 22m Draught : 7.8m	July 2020 TBC	Wind Farm and OfTI Marine Licences
26	Boka Pegasus 	Anchor Handler / Boulder Clearance Plough	Boskalis	Boskalis TBC	IMO 9495210 Call sign 9HA5057	LOA 91.0: m Beam 21.95 : m Draught 8.0 : m	July 2020 TBC	Wind Farm and OfTI Marine Licences

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27	GV Bountiful 	Construction guard vessel	Kinnaird Marine Services	Onshore Office Kirkton House, South Road Fraserburgh AB43 8TJ 01346 518035 Vessel email. TBC George West george@kinnairdmarine.co.uk VHF	IMO 7814656 MMSI- 232004846 Call sign MJLF4	LOA 22 m Beam 7 m Draught 3.6 m	29/04/2020	Wind Farm, OfT and OSP Marine Licences