From: Sammy Mullan
To: Kate Mignano; Thanet Extension
Cc: [redacted]
Subject: RE: Thanet Extension Offshore Wind Farm - Deadline 1 Submission - Email 11
Date: 15 January 2019 22:54:45
Attachments: image001.png
D1_Appendix25_AnnexP_TEOW_SupplementaryNote_NRA_Process_RevA.PDF
D1_Appendix25_AnnexQ_TEOW_HazardLog_RevA.PDF

Dear Kate,

We have just been checking the emails and it appears two of the annexes did not attach to this email. Therefore please find attached 25P and 25Q.

Apologise for any confusion.

Kind regards,
Sammy

Sammy Mullan, Consultant
Mob: +44 (0) 7538 816585

From: Sammy Mullan
Sent: 15 January 2019 22:33
To: 'Kate.Mignano@infrastructure.gsi.gov.uk' <Kate.Mignano@infrastructure.gsi.gov.uk>; 'ThanetExtension@pins.gsi.gov.uk' <ThanetExtension@pins.gsi.gov.uk>
Cc: Sean Leake <sean@gobeconsultants.com>; 'daniel.bates@vattenfall.com' <daniel.bates@vattenfall.com>
Subject: Thanet Extension Offshore Wind Farm - Deadline 1 Submission - Email 11

Dear Kate,

Please find the yellow shaded documents, in the table below, attached to this email. These should be considered part of the Applicant's Deadline 1 Submission for Thanet Extension. Those shaded in green have been sent to PINS and will show the progress of the Applicant's submission to PINS throughout the email correspondence.

Kind Regards,
Sammy

Document Id No.	Document Name	Sent To PINS?
D1_1	Responses to Relevant Representations	Yes
D1_1A	Responses to Relevant Representations (Annexes A to G)	Yes
D1_2	Applicant's Summary of Relevant Representations	Yes
D1_3	Statement of Common Ground – Dover District Council (DDC)	Yes
D1_4	Statement of Common Ground – Environment Agency	Yes
D1_5	Statement of Common Ground – Estuary Services Limited	Yes
D1_6	Statement of Common Ground – Highways England (HE)	Yes
D1_7	Statement of Common Ground – Historic England	Yes
D1_8	Statement of Common Ground – Kent County Council	Yes
D1_9	Statement of Common Ground – Kent & Essex Inshore Fisheries Conservation Authority	Yes
D1_10	Statement of Common Ground – Kent Wildlife Trust	Yes
D1_11	Statement of Common Ground – Maritime & Coastguard Agency (MCA)	Yes
D1_12	Statement of Common Ground – Marine Management Organisation	Yes
D1_13	Statement of Common Ground – National Trust	Yes
D1_14	Statement of Common Ground – Natural England Offshore Ornithology	Yes

D1_15	Statement of Common Ground – Natural England Technical Topics (excluding Offshore Ornithology, Saltmarsh, and Site Selection)	Yes
D1_16	Statement of Common Ground – Port of London Authority	Yes
D1_17	Statement of Common Ground – Riveroak Strategic Partners Limited (RSP)	Yes
D1_18	Statement of Common Ground – Royal Society for the Protection of Birds (RSPB)	Yes
D1_19	Statement of Common Ground – Royal Yachting Association	Yes
D1_20	Statement of Common Ground - Thanet Fishermen's Association	Yes
D1_21	Statement of Common Ground – Thanet District Council (TDC)	Yes
D1_22	Statement of Common Ground – Trinity House Lighthouse Service (THLS)	Yes
D1_23	Statement of Common Ground – Chamber of Shipping	Yes
D1_24	Statement of Common Ground – Port of Tilbury and London Gateway	Yes
D1_25	Applicant's Responses to the Examining Authority's First Written Questions – EXQ1	Yes
D1_25A	Figures related to designated sites for ease of reference	Yes
D1_25B	Natural England letter	Yes
D1_25C	ExQ1.3.5 Crown Land and Consent	Yes
D1_25D	ExQ1.3.6 Schedule of CA and TP Objections	Yes
D1_25E	ExQ1.3.7 PA2008 s127 Statutory Undertakers Land_Rights V1	Yes
D1_25F	ExQ1.3.8 PA2008 s138 Statutory Undertakers Apparatus V1	Yes
D1_25G	Vessel Traffic Analysis Plots -Dipping, anchoring and inshore route by draught, length and type	No
D1_25H	Gate Analysis Foxtrot	No
D1_25I	Consultation Matrix	Yes
D1_25J	Consultation Minutes and Correspondence	No
D1_25K	Pilot Transfer Bridge Simulation – Inception Report	Yes
D1_25L	Pilot Transfer Track Plots	Yes
D1_25M	Supplementary ExAQ 1.12.1	Yes
D1_25N	Supplementary ExAQ 1.12.3	Yes
D1_25O	Supplementary ExAQ 1.12.4	Yes
D1_25P	Supplementary ExAQ NRA	Yes
D1_25Q	Re-presented Hazard Log	Yes
D1_26	Response to ExA Action Points arising from Preliminary Meeting (Annexes A & B)	Yes
D1_27	Response to ExA Action Points arising from Issue Specific Hearing 1	Yes
D1_28	Response to ExA Action Points arising from Issue Specific Hearing 2	Yes
D1_28A	Nautical Chart	Yes
D1_28B	NE Spit Searoom	Yes
D1_28C	safety zone figure(s)	Yes
D1_28D	Minutes with MCA from October 2018	Yes
D1_29	Preliminary Meeting Oral Summary	Yes
D1_30	Appendix 30 to Deadline 1: Written Summary of Vattenfall's Oral Case put at the Issue Specific Hearing 1 and Annexes	Yes
D1_31	Appendix 31 to Deadline 1: Written Summary of Vattenfall's Oral Case put at the Issue Specific Hearing 2 and Annexes	Yes
D1_32	Draft Itinerary for Accompanied Site Inspections	Yes
D1_33	Request for Statements of Common Ground and Statement of Commonality	Yes
D1_34	Guide to the Application	No
D1_35	Revised Draft Development Consent Order	Yes
D1_35A	Revised Draft Development Consent Order - Tracked Changes	Yes
D1_35B	Log of Changes to the Draft Development Consent Order	Yes
D1_36	Statement of Reasons	Yes
D1_37	Book of Reference (Parts 1-5)	Yes
D1_38A	Land Plan (Offshore)	Yes
D1_38B	Land Plan (Onshore)	Yes
D1_38C	Special Category Land Plans	Yes
D1_38D	Works Plan (Offshore)	Yes
D1_38E	Works Plan (Offshore): RLB Comparison	Yes
D1_38F	Works Plans (Onshore)	Yes
D1_38G	Works Plan (Onshore) - Key Plan (Comparison)	Yes
D1_38H	Crown Land Plans	Yes
D1_39	Offshore Archaeology Draft Written Scheme of Investigation	Yes
D1_40	Onshore Archaeology Draft Written Scheme of Investigation	Yes
D1_41	Shipping and Navigation: Schedule of Mitigation	Yes
D1_42	Outline Landscape and Ecological Management Plan	Yes
D1_43	Biogenic Reef Mitigation Plan	Yes
D1_44	Geophysical Investigation Report 3 of 3 - Geophysical Site Survey	Yes
N/A	Letter to PINS - Overarching D1	Yes
D1_45	Removal of Landfall Option 2	Yes
N/A	Nemo Link development consent and Environmental Statement documents for inclusion in the Examination Library	Yes

Sammy Mullan
Consultant

Mob: +44 (0) 7538 816585
Tel: +44 (0) 1626 323890
Fax: +44 (0) 1626 333264
Web: www.gobeconsultants.com

Address: 34 Devon Square, Newton Abbot, TQ12 2HH

Vattenfall Wind Power Ltd

Thanet Extension Offshore Wind Farm

Appendix 25, Annex Q to Deadline 1 Submission: Re-presented Hazard Log

Relevant Examination Deadline: 1

Submitted by Vattenfall Wind Power Ltd

Date: January 2019

Revision A

Drafted By:	Marico Marine
Approved By:	Daniel Bates
Date of Approval:	January 2019
Revision:	A

Revision A	Original Document submitted to the Examining Authority
N/A	
N/A	
N/A	

Residual Risk Assessment - Risk profile with the full Thanet Extension in place, the future traffic profile and both "Embedded" and "Possible Additional Risk Controls - Reccomended"

Inherent Risk Assessment - Risk profile with the full Thanet Extension in place, the future traffic profile and "Embedded risk" controls

Baseline Risk Assessment - Present day risk profile with the existing TOWF in place

HaziD	Haz Title	Most Likely Consequence							Worst Credible Consequence							Baseline Risk	Embedded Risk Controls									Inherent Risk	Additional Risk Controls									Residual risk
		Consequence Category				Likelihood			Consequence Category				Likelihood														Coordination with Leisure/Fishing			Maintain Lines of Orientation			Relocation of Buoyage			
		People	Property	Environment	Stakeholders	Baseline 1 in X yr	Inherent 1 in X yr	Residual 1 in X yr	People	Property	Environment	Stakeholders	Baseline 1 in X yr	Inherent 1 in X yr	Residual 1 in X yr		Training	ERCOP	Promulgation/Ntm	Reduction in RLB	Aids to Navigation Plan	Blade Clearance	Continuous Monitoring	Sufficient Cable/Burial Protection	Cable Exclusion Area		Baseline 1 in X yr	Inherent 1 in X yr	Residual 1 in X yr	Baseline 1 in X yr	Inherent 1 in X yr	Residual 1 in X yr	Baseline 1 in X yr	Inherent 1 in X yr	Residual 1 in X yr	
1	Collision - O&M ICW O&M	2	2	1	2	10	5	5	4	3	2	4	1000	500	500	3.7	✓	✓								4.0	-	-	-	-	-	-	-	-	-	4.0
2	Collision - O&M ICW Large Commercial	2	2	1	2	100	50	50	4	3	2	4	1000	500	500	3.2	✓	✓								3.5	-	-	-	-	-	-	-	-	-	3.5
3	Collision - O&M ICW Small Commercial	2	2	1	2	50	40	40	4	3	2	3	500	400	400	3.4	✓	✓								3.5	-	-	-	-	-	-	-	-	-	3.5
4	Collision - O&M ICW Fishing Vessel	2	2	1	2	25	10	16	4	3	2	3	1000	500	630	3.4	✓	✓								3.7	25	10	16	-	-	-	-	-	-	3.6
5	Collision - O&M ICW Recreational Craft	2	2	1	1	10	5	8	4	3	2	3	1000	500	790	3.4	✓	✓								3.7	10	5.0	7.9	-	-	-	-	-	-	3.5
6	Collision - Large Commercial ICW Large Commercial	2	3	1	2	25	10	10	4	5	4	4	2510	1000	1000	4.6			✓	✓						5.0	-	-	-	-	-	-	-	-	-	5.0
7	Collision - Large Commercial ICW Small Commercial	2	2	1	2	25	16	16	4	4	4	4	2510	1000	1000	3.6			✓	✓						3.8	-	-	-	-	-	-	-	-	-	3.8
8	Collision - Large Commercial ICW Fishing	2	2	1	2	50	10	10	4	3	2	4	2510	1000	1000	3.2			✓	✓						3.7	-	-	-	-	-	-	-	-	-	3.7
9	Collision - Large Commercial ICW Recreational Craft	3	2	1	2	50	10	10	5	3	2	4	2510	1000	1000	4.2			✓	✓						4.8	-	-	-	-	-	-	-	-	-	4.8
10	Collision - Small Commercial ICW Small Commercial	2	2	1	2	50	25	25	4	4	2	4	2510	1000	1000	3.3			✓	✓						3.5	-	-	-	-	-	-	-	-	-	3.5
11	Collision - Small Commercial vs Fishing	2	2	1	2	50	25	25	4	3	2	3	2510	1000	1000	3.1			✓							3.4	-	-	-	-	-	-	-	-	-	3.4
12	Collision - Small Commercial ICW Recreational	2	2	1	2	50	25	25	4	3	2	3	2510	1000	1000	3.1			✓							3.4	-	-	-	-	-	-	-	-	-	3.4
13	Collision -Fishing ICW Recreational	2	2	1	2	10	10	10	4	3	2	3	1000	1000	1000	3.6			✓							3.6	-	-	-	-	-	-	-	-	-	3.6
14	Collision - Fishing ICW Fishing	2	2	1	2	10	10	10	4	3	2	3	1000	1000	1000	3.6			✓							3.6	-	-	-	-	-	-	-	-	-	3.6
15	Collision - Recreational ICW Recreational	2	2	1	2	1	1	1	4	3	2	3	1000	1000	1000	4.7			✓							4.7	-	-	-	-	-	-	-	-	-	4.7
16	Contact - O&M Vessel in Contact with WTG	2	2	1	2	5	3	3	4	3	2	4	500	250	250	4.0	✓	✓			✓	✓				4.5	-	-	-	5.0	2.5	2.5	-	-	-	4.5
17	Contact - Large Commercial Shipping in Contact with WTG	2	2	1	3	63	25	32	4	5	4	5	6310	2510	3160	4.3		✓		✓	✓	✓				4.7	-	-	-	-	-	-	63	25	32	4.6
18	Contact - Small Commercial Vessel in Contact with WTG	2	2	1	2	16	6	8		4	2	3	1580	630	790	3.5		✓		✓	✓	✓				3.9	-	-	-	16	6.3	7.9	16	6.3	7.9	3.8
19	Contact - Fishing Craft in Contact with WTG	2	2	1	2	3	2	2	4	3	2	3	250	160	200	4.4		✓	✓	✓	✓	✓	✓			4.7	2.5	1.6	2.0	2.5	1.6	2.0	2.5	1.6	2.0	4.6
20	Contact - Recreational Vessel in Contact with WTG	2	2	1	2	10	6	10	4	3	2	3	1000	630	1000	3.6		✓		✓	✓	✓				3.8	10	6.3	10	10	6.3	10	-	-	-	3.6
21	Grounding of O&M Vessel	2	2	1	2	100	100	100	3	3	2	4	1000	1000	1000	3.1		✓								3.1	-	-	-	-	-	-	-	-	-	3.1
22	Grounding of Commercial Shipping	1	2	1	2	10	5	5	3	4	3	4	100	50	50	4.1			✓	✓						4.5	-	-	-	-	-	-	-	-	-	4.5
23	Grounding of Small Commercial	2	2	1	2	10	10	10	4	3	2	3	100	100	100	4.1			✓	✓						4.1	-	-	-	-	-	-	-	-	-	4.1
24	Grounding of Fishing Vessel	2	2	1	2	5	5	5	4	3	2	3	100	100	100	4.3			✓					✓		4.3	-	-	-	-	-	-	-	-	-	4.3
25	Grounding of Recreational	2	2	1	2	5	5	5	4	3	2	3	500	500	500	4.0			✓					✓		4.0	-	-	-	-	-	-	-	-	-	4.0
26	Obstruction - Small vessel (O&M/small commercial/non-commercial) Fouls Cables	1	1	1	2	10	5	5	4	4	2	4	100	50	50	3.8	✓		✓					✓	✓	4.2	-	-	-	-	-	-	-	-	-	4.2
27	Obstruction - Large Commercial Vessel Fouls Cables	1	1	1	3	100	50	50	1	2	1	5	1000	500	500	3.4	✓		✓					✓	✓	3.6	-	-	-	-	-	-	-	-	-	3.6
28	Obstruction - O&M Vessel Encounters Unexploded Ordnance	1	1	1	2	100	100	100	3	4	2	3	1000	1000	1000	2.8	✓									2.8	-	-	-	-	-	-	-	-	-	2.8
29	Small vessel capsizes or swamps due to movement of project vessels	1	1	1	1	50	10	10	4	3	2	3	1000	500	500	2.1	✓									2.2	-	-	-	-	-	-	-	-	-	2.2

Residual Risk Assessment - Risk profile with the full Thanet Extension in place, the future traffic profile and both "Embedded" and "Possible Additional Risk Controls - Reccomended"

Inherent Risk Assessment - Risk profile with the full Thanet Extension in place, the future traffic profile and "Embedded risk" controls

Baseline Risk Assessment - Present day risk profile with the existing TOWF in place

HaziD	Haz Title	Most Likely Consequence							Worst Credible Consequence							Baseline Risk	Embedded Risk Controls										Inherent Risk	Additional Risk Controls															Residual risk
		Consequence Category				Likelihood			Consequence Category				Likelihood				Construction Planning/Coordination	Training	Continuous Monitoring	ERCOP	Promulgation/NtM	Reduction in RLB	Aids to Navigation Plan	Blade Clearance	Sufficient Cable Burial/Proction	Cable Exclusion Area		Safety Zones			Coordination with PLA VTS			Guard Vessels			Coorperation with Port of Ramsgate			Coordination with Leisure/Fishing			Maintain Lines of Origin/Symmetry			Relocation of Buoyage			
		People	Property	Environment	Stakeholders	Baseline 1 in X yr	Inherent 1 in X yr	Residual 1 in X yr	People	Property	Environment	Stakeholders	Baseline 1 in X yr	Inherent 1 in X yr	Residual 1 in X yr														Baseline 1 in X yr	Inherent 1 in X yr	Residual 1 in X yr	Baseline 1 in X yr	Inherent 1 in X yr	Residual 1 in X yr	Baseline 1 in X yr	Inherent 1 in X yr	Residual 1 in X yr	Baseline 1 in X yr	Inherent 1 in X yr	Residual 1 in X yr	Baseline 1 in X yr	Inherent 1 in X yr	Residual 1 in X yr	Baseline 1 in X yr	Inherent 1 in X yr	Residual 1 in X yr	Baseline 1 in X yr	Inherent 1 in X yr	Residual 1 in X yr	
1	Collision - Large Construction Vessel ICW Large Construction Vessel	2	2	1	2	N/A	100	100	4	5	4	4	N/A	10000	10000	N/A	✓	✓	✓	✓							3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.4
2	Collision - Large Construction Vessel ICW Large Commercial	2	2	1	2	N/A	50	63	4	5	4	4	N/A	1000	1585	N/A	✓	✓	✓	✓	✓						3.9	N/A	50	63	N/A	50	63	N/A	50	63	-	-	-	-	-	-	-	-	-	3.8
3	Collision - Large Construction Vessel ICW Small Commercial	2	2	1	2	N/A	10	25	4	4	3	4	N/A	1000	2512	N/A	✓	✓	✓	✓	✓						3.9	N/A	10	25	N/A	10	25	N/A	10	25	N/A	10	25	-	-	-	-	-	-	-	-	-	3.5
4	Collision - Large Construction Vessel ICW Fishing Vessel	2	2	1	2	N/A	10	25	4	3	2	4	N/A	1000	2512	N/A	✓	✓	✓	✓	✓						3.7	N/A	10	25	-	-	-	N/A	10	25	N/A	10	25	N/A	10	25	-	-	-	-	-	-	3.3
5	Collision - Large Construction Vessel ICW Recreational	2	2	1	2	N/A	10	25	4	3	2	4	N/A	1000	2512	N/A	✓	✓	✓	✓	✓						3.7	N/A	10	25	-	-	-	N/A	10	25	N/A	10	25	-	-	-	-	-	-	-	-	-	3.3
6	Collision - Large Construction ICW Small Construction/O&M	2	2	1	2	N/A	10	10	4	4	2	4	N/A	1000	1000	N/A	✓	✓	✓	✓	✓						3.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.8
7	Collision - Small Construction/O&M ICW Small Construction/O&M	2	2	1	2	10	3	3	4	3	2	4	1000	251	251	3.7	✓	✓	✓	✓							4.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.5
8	Collision - Small Construction/O&M ICW Large Commercial	2	2	1	2	100	25	32	4	3	2	4	1000	251	316	3.2	✓	✓	✓	✓	✓						3.7	100	25	32	100	25	32	100	25	32	-	-	-	-	-	-	-	-	-	3.6
9	Collision - Small Construction/O&M ICW Small Commercial	2	2	1	2	50	25	50	4	3	2	3	501	251	501	3.4	✓	✓	✓	✓	✓						3.6	50	25	50	50	25	50	50	25	50	-	-	-	50	25	50	-	-	-	3.4
10	Collision - Small Construction/O&M ICW Fishing	2	2	1	2	25	10	16	4	3	2	3	1000	251	501	3.4	✓	✓	✓	✓	✓						3.9	25	10	16	25	10	16	25	10	16	25	10	16	25	10	16	-	-	-	3.6
11	Collision - Small Construction/O&M ICW Recreational	2	2	1	1	10	3	5	4	3	2	3	1000	251	501	3.4	✓	✓	✓	✓	✓						4.1	10	3	5	10	3	5	10	3	5	-	-	-	-	-	-	-	-	-	3.7
12	Collision - Large Commercial ICW Large Commercial	2	3	1	2	25	10	13	4	5	4	4	2512	1000	1259	4.6					✓	✓					5.0	-	-	-	25	10	13	-	-	-	-	-	-	-	-	-	-	-	-	4.9
13	Collision - Large Commercial ICW Small Commercial	2	2	1	2	25	16	20	4	4	4	4	2512	1000	1259	3.6					✓	✓					3.8	-	-	-	25	16	20	-	-	-	-	-	-	-	-	-	-	-	-	3.7
14	Collision - Large Commercial ICW Fishing	2	2	1	2	50	10	16	4	3	2	4	2512	1000	1585	3.2					✓	✓					3.7	-	-	-	50	10	16	-	-	-	-	-	-	-	-	-	-	-	-	3.5
15	Collision - Large Commercial ICW Recreational Craft	3	2	1	2	50	10	16	5	3	2	4	2512	1000	1585	4.2					✓						4.8	-	-	-	50	10	16	-	-	-	-	-	-	50	10	16	-	-	-	4.5
16	Collision - Small Commercial ICW Small Commercial	2	2	1	2	50	25	32	4	4	2	4	2512	1000	1585	3.3					✓	✓					3.5	-	-	-	50	25	32	-	-	-	-	-	-	-	-	-	-	-	-	3.4
17	Collision - Small Commercial vs Fishing	2	2	1	2	50	25	50	4	3	2	3	2512	1000	2512	3.1					✓						3.4	-	-	-	50	25	50	-	-	-	-	-	-	50	25	50	-	-	-	3.1
18	Collision - Small Commercial vs Recreational	2	2	1	2	50	25	50	4	3	2	3	2512	1000	2512	3.1					✓						3.4	-	-	-	50	25	50	-	-	-	-	-	-	50	25	50	-	-	-	3.1
19	Collision -Fishing ICW Recreational	2	2	1	2	10	10	10	4	3	2	3	1000	1000	1000	3.6					✓						3.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.6
20	Collision - Fishing ICW Fishing	2	2	1	2	10	10	10	4	3	2	3	1000	1000	1000	3.6					✓						3.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.6
21	Collision - Recreational ICW Recreational	2	2	1	2	1	1	1	4	3	2	3	1000	1000	1000	4.7					✓						4.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.7
22	Contact - Large Construction Vessel in Contact with WTG	2	2	1	2	N/A	10	10	3	3	2	4	N/A	251	251	N/A			✓	✓			✓	✓			3.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.9
23	Contact - Small Construction/O&M Vessel in Contact with WTG	2	2	1	2	5	1	1	4	3	2	4	501	100	100	4.0		✓	✓	✓			✓	✓			5.2	-	-	-	-	-	-	-	-	-	-	-	-	5	1	1	-	-	-	5.2
24	Contact - Large Commercial Shipping in Contact with WTG	2	2	1	3	63	25	40	4	5	4	5	6310	2512	3981	4.3			✓	✓	✓	✓	✓	✓			4.7	63	25	40	63	25	40	-	-	-	-	-	-	-	-	-	-	-	-	4.5
25	Contact - Small Commercial Vessel in Contact with WTG	2	2	1	2	16	6	10	4	4	2	3	1585	631	1000	3.5			✓	✓	✓		✓	✓			3.9	16	6	10	16	6	10	-	-	-	-	-	-	-	-	-	16	6	10	16	6	10	3.7
26	Contact - Fishing Craft in Contact with WTG	2	2	1	2	3	2	2	4	3	2	3	251	158	200	4.4			✓	✓	✓		✓	✓			4.7	3	2	2	-	-	-	-	-	-	-	-	-	3	2	2	3	2	2	3	2	2	4.6
27	Contact - Recreational Craft in Contact with WTG	2	2	1	2	10	6	10	4	3	2	3	1000	631	1000	3.6			✓	✓	✓	✓	✓	✓			3.8	10	6	10	-	-	-	-	-	-	-	-	-	10	6	10	10	6	10	10	6	10	3.6
28	Grounding of Large Construction Vessel	2	2	1	2	N/A	10	10	3	4	2	4	N/A	1000	1000	N/A		✓			✓						3.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.7
29	Grounding of Small Construction/O&M Vessel	2	2	1	2	100	10	10	3	3	2	4	1000	501	501	3.1		✓			✓						3.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.7
30	Grounding of Commercial Shipping	1	2	1	2	10	5	5	3	4	3	4	100	50	50	4.1					✓	✓					4.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.5
31	Grounding of Small Commercial	2	2	1	2	10	10	10	4	3	2	3	100	100	100	4.1					✓	✓					4.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.1
32	Grounding of Fishing Vessel	2	2	1	2	5	5	5	4	3	2	3	100	100	100	4.3					✓				✓		4.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.3
33	Grounding of Recreational Craft	2	2	1	2	5	5	5	4	3	2	3	501	501	501	4.0					✓				✓		4.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.0
34	Obstruction - Small vessel (O&M/fishing/recreational) Fouls Cables	1	1	1	2	10	5	10	4	4	2	4	100	50	100	3.8					✓				✓	✓	4.2	-	-	-	-	-	-	10	5	10	-	-	-	10	5	10	-	-	-	3.8
35	Obstruction - Large Construction Vessel Fouls Cables	1	1	1	3.3	N/A	5	5	1	2	1	5	N/A	50	50	N/A					✓				✓		4.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.7
36	Obstruction - Large Commercial Vessel Fouls Cables	1	1	1	3	100	50	100	1	2	1	5	N/A	501	1000	3.4					✓				✓	✓	3.6	100	50	100	100	50	100	100	50	100	-	-	-	-	-	-	-	-	-	3.4
37	Obstruction - Construction Vessel Encounters Unexploded Ordnance	1	1	1	2	100	10	10	3	4	2	3	N/A	1000	1000	2.8	✓										3.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.2
38	Small vessel capsizes or swamps due to movement of project vessels	1	1	1	1	50	5	5	4	3	2	3	N/A	501	501	2.1	✓										2.2	-	-	-	-	-	-	-	-	-	-	-	-	50	5	5	-	-	-	2.2