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Application by Mona Offshore Wind Limited for an Order Granting Development Consent for the Mona Offshore Wind Farm (Ref. EN01037)

Submission for Examination

Deadline 3

30 September 2024

Joint Nature Conservation Committee (JNCC):

Schedule of changes to the offshore ornithology Environmental Impact Assessment (EIA) and Habitat Regulations Assessment (HRA) documents

Mona Offshore Wind Project

Schedule of changes to the offshore ornithology EIA and HRA documents

JNCC comments have been captured in column 6 of the tables below. *JNCC notes that the Applicant intends to submit a number of revisions to the information – particularly in relation to ornithology – which will in turn have a bearing on the assessments, including the Habitat Regulation Assessments (HRAs). Once that information and revised assessments are available to JNCC, we will review them, and subsequently advise the ExA of our conclusions, and how that might affect our position in respect of the Project. This will most likely take place at Deadline 4. JNCC's views expressed in our submissions for Deadline 3 should therefore be read in that context.*

Contents

Volume 2, Chapter 5: Offshore ornithology

Cross reference to where change has been made	Summary of change	Reason for change	Errata number	Change number	JNCC comment
Throughout the document	The Applicant's document reference numbers missing from cross references to other application documents have been added throughout	To aid the clarity of the document. Identified by the Applicant.	n/a	F1.5 F02 1	Noted
Table 5.10	Corrected assigning of Atlantic puffin as a named qualifying feature and adding common guillemot and razorbill as named components of the seabird assemblage of Skomer, Skokholm, and Seas off Pembrokeshire SPA. There is no change to the conclusions of the assessment due to this change.	To address RR-011.14 and RR033.35.	66	F1.5 F02 2	Noted
Table 5.10	Added Skelligs SPA into Table 5.10, having previously been excluded.	To address discrepancies identified by the Applicant.	n/a	F1.5 F02 3	Noted
Table 5.13	Amended 'Breeding season' to 'Full breeding season' as presented within Furness (2015).	To address discrepancies identified by the Applicant.	n/a	F1.5 F02 3	Noted
Paragraph 5.3.9.12	Added sentence to paragraph 5.3.9.12 to provide additional clarity where the SNCBs recommended regional population is smaller than the Applicant's preferred population and therefore has been used within the assessment of effects (Section 5.7). The smaller population (using either the SNCBs approach or the Applicant's approach) is always used in the assessment of effects for precaution. There is no change to the conclusions of the assessment due to this change.	To address discrepancies identified by the Applicant.	n/a	F1.5 F02 4	Noted

Cross reference to where change has been made	Summary of change	Reason for change	Errata number	Change number	JNCC comment
Table 5.14	Amended months used within each bio-season for Atlantic puffin, northern fulmar, black-legged kittiwake, lesser black-backed gull, great black-backed gull and Manx shearwater. The SNCBs now recommend using the 'full breeding season' for all species, contrary to advice received earlier in the Evidence Plan Process, which altered the months in which an impact was considered. There is no change to the conclusions of the assessment due to this change. Clarity was also provided as to which bio-season a month would constitute when it has previously been presented within two bio-seasons.	To address RR011.3, and RR-011.6 and RR-033.10.	n/a	F1.5 F02 5	Noted
Table 5.23	The months that constitute the bio-season are presented in Table 5.23 for clarity.	To aid the clarity of the document. Identified by the Applicant.	n/a	F1.5 F02 6	Noted
Table 5.24	This was reported in the Errata sheet at Deadline 1 (REP1-044) as a correction of discrepancy for razorbill seasonal mean peak estimate during the breeding and autumn migration. The seasonal mean peak for the breeding season was updated from 92 to 83, and the autumn migration seasonal mean peak was updated from 86 to 91 birds. Subsequently, the annual abundance also changed from 2,524 to 2,519. There is no change to the conclusions of the assessment due to this change. Table 24 has been updated to include the months constituting each bio-season to provide additional clarity.	To amend discrepancy. Identified by the Applicant.	56	F1.5 F02 7	Noted

Cross reference to where change has been made	Summary of change	Reason for change	Errata number	Change number	JNCC comment
Table 5.25	This was reported in the Errata sheet at Deadline 1 (REP1-044) as a correction for a discrepancy in the Atlantic puffin seasonal mean peak estimate during the non-breeding season. The seasonal mean peak was updated to 22 birds from 0, which changes the impact to 0 to 1 birds, and the increase in baseline mortality to 0.000 to 0.002 during the non-breeding season. This in turn increases the annual abundance from 15 to 37; however, this does not change the impacted number or birds, or the respective increase in baseline mortality. There is no change to the conclusions of the assessment due to this change. Table 5.25 has been updated to include the months constituting each bio-season to provide additional clarity.	To address RR011.5, and RR-011.6 and RR-033.13.	39	F1.5 F02 8	This does not have a material impact on the construction phase assessment. However, see comment on F1.5 F02 15 regarding the operational assessment.
Table 5.26	These tables have been updated to use the regional baseline population and mortality requested by the SNCBs. There is no change to the conclusions of the assessment due to this change. Table 5.26 has been updated to include the months constituting each bio-season to provide additional clarity.	To aid the clarity of the document. Identified by the Applicant.	n/a	F1.5 F02 9	Noted
Paragraph 5.7.2.60	This paragraph has been inserted to confirm that the SNCBs do not agree on the presentation of displacement impacts for black-legged kittiwake. NRW and Natural England do not require an assessment of black-legged kittiwake for displacement, whereas the JNCC require an assessment.	To aid the clarity of the document. Identified by the Applicant.	n/a	F1.5 F02 10	Noted

Cross reference to where change has been made	Summary of change	Reason for change	Errata number	Change number	JNCC comment
Table 5.27	This was reported in the Errata sheet at Deadline 1 (REP1-044) as a correction to the number of black-legged kittiwake subject to mortality in the breeding season to 1 to 12. However, following an amendment to the breeding season months, the impact during the breeding period is 1 to 20. In addition to the above, the spring migration abundance has been updated following amendments to Table 1.14 (see change F1.5 F02 5), which also changes the annual abundance. There is no change to the conclusions of the assessment due to these changes. Table 5.27 has been updated to include the months constituting each bio-season to provide additional clarity.	To address discrepancies and aid clarity. Identified by the Applicant and to address RR011.3, and RR-011.6 and RR-033.10.	21	F1.5 F02 11	Noted
Table 5.28	Correction to Manx shearwater bio-season spring migration to 3 birds was presented in the Errata sheet at Deadline 1 (REP1-044); however, following a review of Volume 6, Annex 5.1: Offshore Ornithology Baseline Characterisation (APP-091) and Volume 6, Annex 5.2: Offshore Ornithology Displacement Technical Report (APP-092) the predicted abundances from March 2020 had been incorrectly excluded from Table A. 6 of Volume 6, Annex 5.2: Offshore Ornithology Displacement Technical Report (APP092). Therefore, following the update to Volume 6, Annex 5.2: Offshore Ornithology Displacement Technical Report (F6.5.2 F02), the Year 1 peak abundance for spring migration is 6 birds (Table 1.4 of Volume 6, Annex 5.2: Offshore Ornithology Displacement Technical Report (F6.5.2	To address RR011.5.	54, 55	F1.5 F02 12	Noted. APP-091 and APP-092 indicate that the April 2021 value is used as the peak in the 2nd pre-breeding season. However, the pre-breeding season for Manx shearwater is solely the month of March. Therefore, the March 2021 value (0) should be used as the peak of the 2nd pre-breeding season. This would result in a mean peak of 3 birds. However, as either 3 or 6

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	F02). The corrected Year 1 peak abundance of 6 birds and the as submitted Year 2 peak abundance of 6 birds means the Mean Peak is 6 birds (as presented previously). This has been updated in the Errata sheet at Deadline 2 (S_PD_1 F03). This update and correction means no amendments are required in Table 5.28 or Table 5.35 of Volume 2, Chapter 5: Offshore Ornithology (APP-057). This clarification is provided so that the SNCBs have sight of why this errata change has not been implemented. Table 5.28 has been updated to use the regional baseline population and mortality requested by the SNCBs. There is no change to the conclusions of the assessment due to this change. Table 5.28 has been updated to include the months constituting each bio-season to provide additional clarity.				birds both result in a maximum of 0 displacement mortalities, we find this to be not material to the impact assessment.
Table 5.30	The months that constitute the bio-season are presented in Table 5.30 for clarity.	To aid the clarity of the document. Identified by the Applicant.	n/a	F1.5 F02 13	Noted
Table 5.31	See change number F1.5 F02 7.	See change number F1.5 F02 7.	n/a	F1.5 F02 14	Noted
Table 5.32	See change number F1.5 F02 8.	See change number F1.5 F02 8.	n/a	F1.5 F02 15	The change in seasonal mean peak for the non-breeding season to 22 birds results in a displacement impact of 2 birds using 70% displacement and 10% mortality. In addition to the I

Cross reference to where change has been made	Summary of change	Reason for change	Errata number	Change number	JNCC comment
					mortality in the breeding season, this gives an annual total of 3 mortalities. This does then have subsequent implications for the need for apportioning of impacts to SPAs.
Table 5.33	See change number F1.5 F02 9. Following the addition of the regional baseline population into Table 5.33, paragraph 5.7.2.118 was no longer required and has therefore been removed. There is no change to the conclusions of the assessment due to this change.	See change number F1.5 F02 9.	n/a	F1.5 F02 16	Noted
Table 5.34	See change number F1.5 F02 11.	See change number F1.5 F02 11.	n/a	F1.5 F02 17	Noted
Paragraph 5.7.2.121	This paragraph has been inserted to confirm that the SNCBs do not agree on the presentation of displacement impacts for black-legged kittiwake. NRW and Natural England do not require an assessment of black-legged kittiwake for displacement, whereas the JNCC require an assessment.	To aid the clarity of the document. Identified by the Applicant.	n/a	F1.5 F02 18	Noted
Table 5.35 paragraph 5.7.2.125	See change number F1.5 F02 7 12. Following the addition of the regional baseline population into Table 5.33, paragraph 5.7.2.125 was no longer required and has, therefore, been removed. There is no change to the conclusions of the assessment due to this change.	See change number F1.5 F02 7 12.	n/a	F1.5 F02 19	Noted
Throughout section 5.7.5	The terms ‘Natural England’ and ‘JNCC’ when referring to avoidance rates have been amended to ‘species-group’ and ‘species-specific’, respectively.	To address REP1066.14	n/a	F1.5 F02 20	We thank the Applicant for making this amendment.

Cross reference to where change has been made	Summary of change	Reason for change	Errata number	Change number	JNCC comment
Table 5.38	Following corrections to the months used in the bio-seasons for black-legged kittiwake within Table 5.14, the impacts in Table 5.38 have changed. There is no change to the conclusions of the assessment due to these changes. The table has also been updated to include the months constituting each bio-season to provide additional clarity.	To address discrepancies and aid clarity. Identified by the Applicant and to address RR011.3, and RR-011.6 and RR-033.10.	n/a	F1.5 F02 21	Noted
Table 5.39	Following corrections to the months used in the bio-seasons for great black-backed gull within Table 5.14, the impacts in Table 5.39 have changed. There is no change to the conclusions of the assessment due to this change. The table has also been updated to include the months constituting each bio-season to provide additional clarity.	To address discrepancies and aid clarity. Identified by the Applicant and to address RR011.3, and RR-011.6 and RR-033.10.	n/a	F1.5 F02 22	Noted
Table 5.40	The table has been updated to include the months constituting each bio-season to provide additional clarity.	To aid the clarity of the document. Identified by the Applicant.	n/a	F1.5 F02 23	Noted
Table 5.41	The table has been updated to include the months constituting each bio-season to provide additional clarity. In addition, the 0.00 collisions predicted during the post-breeding season have been changed to ‘No predicted collisions’ to confirm that the impact is a true zero and not <0.005.	To aid the clarity of the document. Identified by the Applicant.	n/a	F1.5 F02 24	Noted

Cross reference to where change has been made	Summary of change	Reason for change	Errata number	Change number	JNCC comment
Tables 5.42 and 5.43	Following corrections to the months used in the bio-seasons for northern gannet within Table 5.14, the impacts in Table 5.42 and 5.43 have changed. The northern gannet total annual collision estimates (indiv.) have been corrected when using the species-group avoidance rate to 5.65 from 5.64 as outlined in the Errata sheet at Deadline 1 (REP1044) within Table 5.42. These tables have been updated to use the regional baseline population and mortality requested by the SNCBs, due to it being smaller than the Applicant's 'Foraging Range Breeding Season population'. The 'JNCC avoidance rates' presented within Volume 2, Chapter 5: Offshore Ornithology (APP-057) have also been removed due to the changes in collision guidance from the SCNBs. There is no change to the conclusions of the assessment due to these changes.	To address discrepancies identified by the Applicant.	22	F1.5 F02 25	Noted
Table 5.44	Following corrections to the months used in the bio-seasons for northern fulmar within Table 5.14, the impacts in Table 5.44 have changed. There is no change to the conclusions of the assessment due to this change. In addition, the 0.00 collisions predicted during the post-breeding season have been changed to 'No predicted collisions' to confirm that the impact is a true zero and not <0.005. The table has also been updated to include the months constituting each bio-season to provide additional clarity.	To address discrepancies and aid clarity. Identified by the Applicant and to address RR011.3, and RR-011.6 and RR-033.10.	n/a	F1.5 F02 26	Noted

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Table 5.45	The 0.00 collisions predicted during the post-breeding season have been changed to 'No predicted collisions' to confirm that the impact is a true zero and not <0.005. There is no change to the conclusions of the assessment due to this change. The table has also been updated to include the months which constitute each bio-season to provide additional clarity.	To address discrepancies and aid clarity. Identified by the Applicant.	n/a	F1.5 F02 27	Noted
Paragraph 5.7.5.65	Following the update to Table 5.35, paragraph 5.7.5.65 was also updated with the altered results. This paragraph was also reworded to clarify why no project alone PVA was undertaken, as well as signpost to the cumulative PVA results.	To address discrepancies and aid clarity. Identified by the Applicant.	n/a	F1.5 F02 28	Noted
Throughout section 5.7.6.	The terms 'Natural England' and 'JNNC' when referring to avoidance rates have been amended to 'species-group' and 'species-specific', respectively.	To address REP1066.14	n/a	F1.5 F02 29	We thank the Applicant for making this amendment.
Paragraph 5.7.6.1	This paragraph has been inserted to confirm that the SNCBs do not agree on the presentation of displacement impacts for black-legged kittiwake. NRW and Natural England do not require an assessment of black-legged kittiwake for displacement, whereas the JNCC require an assessment.	To aid the clarity of the document. Identified by the Applicant.	n/a	F1.5 F02 30	Noted
Table 5.48	This table has been amended following the updated definition of black-legged kittiwake and northern gannet bio-seasons within Table 5.14 – see rows above on northern gannet and black-legged kittiwake in this table for full response. There is no change to the conclusions of the assessment due to these changes.	To address discrepancies	n/a	F1.5 F02 31	Noted

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Throughout section 5.9.	Corrected cumulative effects assessment with abundances and collision estimates for other projects agreed with the Morgan Offshore Wind Project: Generation Assets and the Morecambe Offshore Wind Farm: Generation Assets. There is no change to the conclusions of the assessment due to these changes.	To address REP1056.3.	n/a	F1.5 F02 32	Noted. We also note the Applicant's intention to submit the results of the gap-filling exercise at Deadline 3, thereafter which we will review the cumulative and in-combination assessments.
Paragraph 5.9.2.11	Corrected the non-breeding season population estimate for common guillemot from 1,139,200 to 1,139,220. There is no change to the conclusions of the assessment due to this change.	To address discrepancies. Identified by the Applicant.	n/a	F1.5 F02 33	Noted
Table 5.61, 5.62, 5.63 and 5.64. Paragraphs 5.9.2.24 - 26	Corrected abundance estimate for Atlantic puffin within Project Erebus to 1,416 individuals during the breeding season and 160 individuals in the non-breeding season. Additional changes have been made to the Mona Offshore Wind Project impacts following other identified amendments during the non-breeding season). These changes in Table 5.61 lead to changes to the matrix Tables 5.62, 5.63 and 5.65 and paragraphs 5.9.2.24, 5.9.2.25 and 5.9.2.26. There is no change to the conclusions of the assessment due to these changes. There is no change to the conclusions of the assessment due to these changes.	To address RR011.9 and RR033.19.	41, 42	F1.5 F02 34	Noted. We also note the Applicant's intention to submit the results of the gap-filling exercise at Deadline 3, thereafter which we will review the cumulative and in-combination assessments.

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Table 5.65, 5.66 and 5.69. Paragraphs 5.9.2.30 and 5.9.2.33	Corrected calculations for northern gannet and inclusion of correct Erebus abundances, this in turn led to amendments to paragraphs 5.9.2.30 and 5.9.2.33. There is no change to the conclusions of the assessment due to these changes.	To address RR011.9 and RR033.19.	44, 45	F1.5 F02 35	Noted. We also note the Applicant's intention to submit the results of the gap-filling exercise at Deadline 3, thereafter which we will review the cumulative and in-combination assessments.
Table 5.70, 5.71, 5.72 and 5.74. Paragraphs 5.9.2.37, 5.9.2.38 and 5.9.2.40.	Following the amendments to black-legged kittiwake bio-seasons, the impact of the Mona Offshore Wind Project has been amended in Table 5.70. The total abundance estimates per bio-season have also therefore changed. These changes in Table 5.70 lead to changes to the matrix Tables 5.71, 5.72 and 5.74 and paragraphs 5.9.2.37, 5.9.2.38 and 5.9.2.40. There is no change to the conclusions of the assessment due to these changes.			F1.5 F02 36	Noted. We also note the Applicant's intention to submit the results of the gap-filling exercise at Deadline 3, thereafter which we will review the cumulative and in-combination assessments.
Table 5.75, 5.76, 5.78 and 5.79. Paragraphs 5.9.2.44, 5.9.2.46 and 5.9.2.47	Corrected cumulative abundances for the post-breeding season of Manx shearwater within Awel y Môr to 214 individuals and corrected the impacts from the Mona Offshore Wind Project following the bio-season change. The total abundance estimates per bio-season have also therefore changed. These in turn give rise to changes in Table 5.75, the matrix in Tables 5.76, 5.78 and 5.79 and paragraphs 5.9.2.44, 5.9.2.46 and 5.9.2.47. There is no change to the conclusions of the assessment due to these changes. Some of the changes were reported in the Errata	To address RR033.20.	46, 47, 48	F1.5 F02 37	Noted. We also note the Applicant's intention to submit the results of the gap-filling exercise at Deadline 3, thereafter which we will review the cumulative and in-combination assessments.

Cross reference to where change has been made	Summary of change	Reason for change	Errata number	Change number	JNCC comment
	sheet at Deadline 1 (REP1-044), including a correction to Manx shearwater predicted mortality to 7 (range 4 to 102) as a result of corrected total CEA post-breeding cumulative abundances during the construction phase for Manx shearwater in table 5.75. However, due to amendments to the seasonal months for the Mona Offshore Wind Project, the impact has been amended to 3 (2 to 44).				
Table 5.81, 5.82, 5.83 and 5.84. Paragraphs 5.9.2.58, 5.9.2.59 and 5.9.2.60.	Corrected cumulative effects assessment with abundances and collision estimates for other projects agreed with the Morgan Offshore Wind Project: Generation Assets and the Morecambe Offshore Wind Farm: Generation Assets. These in turn give rise to changes in Table 5.81, the matrix Tables 5.82, 5.83 and 5.84 and paragraphs 5.9.2.58, 5.9.2.59 and 5.9.2.60. There is no change to the conclusions of the assessment due to these changes. Some changes were reported in the Errata Sheet at Deadline 1 (REP1-044) as a correction to guillemot cumulative abundances for Twinhub during the breeding season to 183. However, following a review of the documentation, the Twinhub abundance estimate has been corrected to 39 birds during the breeding season, 217 birds during the non-breeding season and therefore 256 annually.	To address RR033.20.	49	F1.5 F02 38	Noted. We also note the Applicant's intention to submit the results of the gap-filling exercise at Deadline 3, thereafter which we will review the cumulative and in-combination assessments.
Paragraphs 5.9.2.63 and 5.9.2.64	Following the amendments to the cumulative abundances within Table 5.81, a PVA needed to be rerun, and the new results have been presented in paragraphs 5.9.2.63 and 5.9.2.64	To address discrepancies identified by the Applicant.	n/a	F1.5 F02 39	Noted. We also note the Applicant's intention to submit the results of the

Cross reference to where change has been made	Summary of change	Reason for change	Errata number	Change number	JNCC comment
					gap-filling exercise at Deadline 3, thereafter which we will review the cumulative and in-combination assessments.
Table 5.86, 5.87, 5.88, 5.89, 5.90 and 5.91. Paragraphs 5.9.2.68, 5.9.2.69, 5.9.2.70, 5.9.2.71, 5.9.2.71 and 5.9.2.73	Corrected cumulative effects assessment with abundances and collision estimates for other plans or projects. These updates have been made as requested by NRW in their written representation (REP1-056) to align with numbers used by Morgan Offshore Wind Project: Generation Assets and the Morecambe Offshore Wind Farm: Generation Assets, which were refined following the submission of the Mona Offshore Wind Project development consent order application. These in turn give rise to changes in Table 5.86, the matrix Tables 5.87, 5.88, 5.89, 5.90 and 5.91 and paragraphs 5.9.2.68, 5.9.2.69, 5.9.2.70, 5.9.2.71, 5.9.2.71 and 5.9.2.73. There is no change to the conclusions of the assessment due to these changes.	To address REP1-056.4 and REP1056.69	n/a	F1.5 F02 40	Noted. We also note the Applicant's intention to submit the results of the gap-filling exercise at Deadline 3, thereafter which we will review the cumulative and in-combination assessments.
Table 5.93, 5.94, 5.95 and 5.96. Paragraphs 5.9.2.77, 5.9.2.78 and 5.9.2.79	Corrected abundance estimate for Atlantic puffin within Project Erebus to 1,416 individuals during the breeding season and 160 individuals in the non-breeding season. In additional changes the Mona Offshore Wind Project impacts following other identified amendments during the non-breeding season). These changes in Table 5.61 led to changes to the matrix Tables 5.93, 5.94, 5.95 and 5.96 and paragraphs 5.9.2.77, 5.9.2.78 and 5.9.2.79. There is	To address RR011.9 and RR033.19.	41, 42	F1.5 F02 41	Noted. We also note the Applicant's intention to submit the results of the gap-filling exercise at Deadline 3, thereafter which we will review the cumulative and in-combination assessments.

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	no change to the conclusions of the assessment due to these changes. There is no change to the conclusions of the assessment due to these changes.				
Table 5.98, 5.99, 5.100, 5.101 and 5.102. Paragraphs 5.9.2.83, 5.9.2.84, 5.9.2.85 and 5.9.2.86.	This was reported in the Errata Sheet at Deadline 1 (REP1-044) as a correction to northern gannet cumulative abundances cumulative total (all projects) to 7,119. However, following a review of the documentation, the abundance estimates for other plans and projects, the cumulative annual total is 7,689 birds. In addition, corrected cumulative effects assessment with abundances and collision estimates for other projects agreed with the Morgan Offshore Wind Project: Generation Assets and the Morecambe Offshore Wind Farm: Generation Assets have been presented in Table 5.98. These changes in Table 5.98 lead to changes to the matrix Tables 5.99, 5.100, 5.101 and 5.102 and paragraphs 5.9.2.83, 5.9.2.84, 5.9.2.85 and 5.9.2.86. There is no change to the conclusions of the assessment due to these changes.	To address RR033.20.	25, 26, 50, 51	F1.5 F02 42	Noted. We also note the Applicant's intention to submit the results of the gap-filling exercise at Deadline 3, thereafter which we will review the cumulative and in-combination assessments.
Tables 5.104, 5.105, 5.106 and 5.108. Paragraphs 5.9.2.90, 5.9.2.91, 5.9.2.92 5.9.2.94 and 5.9.2.94	This was reported in the Errata sheet at Deadline 1 (REP1-044) as a correction to blacklegged kittiwake cumulative total (all projects) to 25,897. However following an amendment to the breeding season months and a recalculation of the annual impact, the annual cumulative total is 26,665. Following the amendments to black-legged kittiwake bio-seasons, the impact of the Mona Offshore Wind Project has been amended in Table 5.104. The total	To address RR033.20.	52	F1.5 F02 43	Noted. We also note the Applicant's intention to submit the results of the gap-filling exercise at Deadline 3, thereafter which we will review the cumulative and in-combination assessments.

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	abundance estimates per bio-season have also, therefore, changed. These changes in Table 5.104 lead to changes to the matrix Tables 5.105, 5.106 and 5.108 and paragraphs 5.9.2.90, 5.9.2.91, 5.9.2.92, 5.9.2.94 and 5.9.2.94. There is no change to the conclusions of the assessment due to these changes.				
Tables Table 5.110, 5.111, 5.112, 5.113 and 5.114 Paragraphs 5.9.2.99, 5.9.2.100, 5.9.2.101 and 5.9.2.102	Corrected the impacts from the Mona Offshore Wind Project following the bio-season change. In addition, corrected cumulative effects assessment with abundances and collision estimates for other projects agreed with the Morgan Offshore Wind Project: Generation Assets and the Morecambe Offshore Wind Farm: Generation Assets in Table 5.112. The total abundance estimates per bio-season have also, therefore, changed. These in turn give rise to changes in Table 5.112, the matrix Tables 5.111, 5.112, 5.113 and 5.114 and paragraphs 5.9.2.99, 5.9.2.100, 5.9.2.101 and 5.9.2.102. There is no change to the conclusions of the assessment due to these changes.	To address discrepancies identified by the Applicant.	28	F1.5 F02 44	Noted. We also note the Applicant's intention to submit the results of the gap-filling exercise at Deadline 3, thereafter which we will review the cumulative and in-combination assessments.
Throughout section 5.9.3	The terms 'Natural England' and 'JNCC' when referring to avoidance rates have been amended to 'species-group' and 'species-specific', respectively.	To address REP1066.14	n/a	F1.5 F02 45	We thank the Applicant for making this amendment.
Table 5.117.	Corrected cumulative effects assessment with abundances and collision estimates for other projects agreed with the Morgan Offshore Wind Project: Generation Assets and the Morecambe Offshore Wind Farm: Generation Assets in Table 5.117. In addition, corrected the Mona Offshore Wind Project seasonal impacts. The total collision estimates per bio-season	To address discrepancies identified by the Applicant.	58, 59	F1.5 F02 50	Noted. We also note the Applicant's intention to submit the results of the gap-filling exercise at Deadline 3, thereafter which we will review the

Cross reference to where change has been made	Summary of change	Reason for change	Errata number	Change number	JNCC comment
	have also, therefore, changed. These changes in Table 5.117 then change paragraph 5.9.3.8. There is no change to the conclusions of the assessment due to these changes.				cumulative and in-combination assessments.
Tables 5.119 and 5.120	Corrected cumulative effects assessment with abundances and collision estimates for other projects agreed with the Morgan Offshore Wind Project: Generation Assets and the Morecambe Offshore Wind Farm: Generation Assets in Table 5.119 and 5.120. In addition, corrected Awel y Môr impacts to use Band Option 2 figures for great black-backed gull, and corrected the Mona Offshore Wind Project seasonal impacts. The total collision estimates per bio-season have also therefore changed. These changes in Table 5.119 and 5.120 then change paragraphs 5.9.3.12, 5.9.3.13, 5.9.3.14 and 5.9.3.15. There is no change to the conclusions of the assessment due to these changes.	To address REP1056.67 and to address discrepancies identified by the Applicant.		F1.5 F02 51	Noted. We also note the Applicant's intention to submit the results of the gap-filling exercise at Deadline 3, thereafter which we will review the cumulative and in-combination assessments.
Paragraph 5.9.3.14	This was reported in the Errata Sheet at Deadline 1 (REP1-044) as a correction to the estimated cumulative collision mortality during the nonbreeding/winter season for great black-backed gull for species-specific and group-specific avoidance rates is 11.61 and 66.00, respectively. However, following a review of the documentation, the abundance estimates for other plans and projects, and the correction of seasonal months, the correct impact is 10.73 birds when considering the species-specific and 72.72 when considering the species-group avoidance rate.	To address discrepancies identified by the Applicant.	29	F1.5 F02 52	Noted. We also note the Applicant's intention to submit the results of the gap-filling exercise at Deadline 3, thereafter which we will review the cumulative and in-combination assessments.

Cross reference to where change has been made	Summary of change	Reason for change	Errata number	Change number	JNCC comment
Paragraph 5.9.3.15	Corrected text to state the avoidance rate of 0.9939 in the non-breeding season and annually for black-backed gull.	To address discrepancies identified by the Applicant.	30	F1.5 F02 53	Noted
Paragraph 5.9.3.16	Corrected the text to state the growth rates of 1.125 to 1.122 for great black-backed gull. This was reported in the Errata Sheet at Deadline 1 (REP1-044) under paragraph 5.9.3.15. Greater emphasis has been placed on the counterfactual of the population growth rates (as this is regarded as the most important factor) presented in paragraph 5.9.3.16.	To address discrepancies identified by the Applicant.	31	F1.5 F02 54	Noted
Table 5.122 and 5.123	Corrected expected annual collision mortality across relevant offshore wind farms for herring gull for Morecambe Offshore Windfarm Generation Assets annually to 3.42, during the breeding season to 0.93 and during the non-breeding season is 2.49. Corrected expected annual collision mortality across relevant offshore wind farms for herring gull for Morgan Offshore Windfarm Generation Assets during the breeding season is 2.57 and during the non-breeding season is 9.25. Corrected cumulative effects assessment with abundances and collision estimates for other projects agreed with the Morgan Offshore Wind Project: Generation Assets and the Morecambe Offshore Wind Farm: Generation Assets in Table 5.122 and 5.123. In addition, corrected Awel y Môr impacts to use Band Option 2 figures for herring gull. The total collision estimates per bio-season have also, therefore,	To address REP1056.67 and to address discrepancies identified by the Applicant.	61, 62, 63, 64 and 65	F1.5 F02 55	Noted. We also note the Applicant's intention to submit the results of the gap-filling exercise at Deadline 3, thereafter which we will review the cumulative and in-combination assessments.

Cross reference to where change has been made	Summary of change	Reason for change	Errata number	Change number	JNCC comment
	changed. These changes in Table 5.122 and 5.123 then change paragraphs 5.9.3.21 and 5.9.3.22. There is no change to the conclusions of the assessment due to these changes.				
Table 5.125 and 5.126	Corrected cumulative effects assessment with abundances and collision estimates for other projects agreed with the Morgan Offshore Wind Project: Generation Assets and the Morecambe Offshore Wind Farm: Generation Assets in Table 5.125 and 5.126. The total collision estimates per bio-season have also, therefore, changed. These changes in Table 5.125 and 5.126 then change paragraphs 5.9.3.26 and 5.9.3.27. There is no change to the conclusions of the assessment due to these changes.	To address discrepancies identified by the Applicant.	61, 62, 63, 64 and 65	F1.5 F02 56	Noted. We also note the Applicant's intention to submit the results of the gap-filling exercise at Deadline 3, thereafter which we will review the cumulative and in-combination assessments.
Paragraph 5.9.3.29	Corrected species from lesser black-backed gull to northern gannet.	To address discrepancies identified by the Applicant.	n/a	F1.5 F02 57	Noted
Table 5.128	This was reported in the Errata sheet at Deadline 1 (REP1-044) as correction to the text to state annual collision mortality for northern gannet cumulative total (all projects) to 160.09. However following a review of the documentation, the abundance estimates for other plans and projects the correct total is 164.91. Corrected cumulative effects assessment with abundances and collision estimates for other projects agreed with the Morgan Offshore Wind Project: Generation Assets and the Morecambe Offshore Wind	To address discrepancies identified by the Applicant.	32	F1.5 F02 58	Noted. We also note the Applicant's intention to submit the results of the gap-filling exercise at Deadline 3, thereafter which we will review the cumulative and in-combination assessments.

Cross reference to where change has been made	Summary of change	Reason for change	Errata number	Change number	JNCC comment
	Farm: Generation Assets in Table 5.128. The total collision estimates per bio-season have also, therefore, changed. These changes in Table 5.128 then change paragraphs 5.9.3.31 and 5.9.3.32. There is no change to the conclusions of the assessment due to these changes.				
Paragraph 5.9.3.31	This was reported in the Errata Sheet at Deadline 1 (REP1-044) as a correction to the text to state estimated cumulative collision mortality of northern gannet from the relevant projects with available data is 160.09 per year. However following a review of the documentation, the abundance estimates for other plans and projects the correct total is 164.91. There is no change to the conclusions of the assessment due to this change.	To address discrepancies identified by the Applicant.	33	F1.5 F02 59	Noted. We also note the Applicant's intention to submit the results of the gap-filling exercise at Deadline 3, thereafter which we will review the cumulative and in-combination assessments.
Paragraph 5.9.3.32	This was reported in the Errata sheet at Deadline 1 (REP1-044) as a correction to the text to state the addition of 160.09 mortalities for northern gannet. However following a review of the documentation, the abundance estimates for other plans and projects the correct total is 164.91. There is no change to the conclusions of the assessment due to this change.	To address discrepancies identified by the Applicant.	34	F1.5 F02 60	Noted. We also note the Applicant's intention to submit the results of the gap-filling exercise at Deadline 3, thereafter which we will review the cumulative and in-combination assessments.
Paragraph 5.9.3.34	Corrected text to state a total of 16 migratory species are estimated to experience a cumulative collision mortality. There is no change to the conclusions of the assessment due to this change.	To address discrepancies identified by the Applicant.	35	F1.5 F02 61	Noted

Cross reference to where change has been made	Summary of change	Reason for change	Errata number	Change number	JNCC comment
Throughout section 5.9.4	The terms ‘Natural England’ and ‘JNNC’ when referring to avoidance rates have been amended to ‘species-group’ and ‘species-specific’, respectively.	To address REP1066.14	n/a	F1.5 F02 62	We thank the Applicant for making this amendment.
Tables 5.137 and 5.138	Following the corrections to the cumulative tables for black-legged kittiwake (Tables 5.104 and 5.117) and northern gannet (Tables 5.98 and 5.128) the combined tables (Table 5.137 and 5.138, respectively have been updated). Paragraphs 5.9.4.4, 5.9.4.5, 5.9.4.8 and 5.9.4.9 are subsequently updated. There is no change to the conclusions of the assessment due to these changes.	See points above	n/a	F1.5 F02 63	Noted. We also note the Applicant’s intention to submit the results of the gap-filling exercise at Deadline 3, thereafter which we will review the cumulative and in-combination assessments.
Paragraph 5.9.4.5	This was reported in the Errata Sheet at Deadline 1 (REP1-044) as a correction to the text to state the background predicted mortality would be 143,119. However, there is an error in the errata. The Applicant can confirm the baseline mortality rate for black-legged kittiwake is 0.156, and not 0.157 as submitted in the application. Correcting the baseline mortality rate to 0.156 means that the predicted mortality of 142,207 is correct and does not need updating. There is no change to the conclusions of the assessment due to this change.	To address discrepancies identified by the Applicant.	36	F1.5 F02 64	Noted

Volume 6, Annex 5.2: Offshore ornithology displacement technical report

Cross reference to where change has been made	Summary of change	Reason for change	Errata number	Change number	JNCC comment

Cross reference to where change has been made	Summary of change	Reason for change	Errata number	Change number	JNCC comment
Table 1.3	Corrected the table to amend the months within each bio-season for black-legged kittiwake. There is no change to the conclusions of the assessment due to this change.	To address REP1-056.46 and REP1066.31	n/a	F6.5.2 F02 1	Noted
Table 1.4	Corrected the non-breeding season abundance for Atlantic puffin. Corrected the pre-breeding and breeding season abundance estimates for black-legged kittiwake due to amendments to the bio-season definitions (see change F6.5.2 F02 1). Corrected Manx shearwater pre-breeding and post-breeding abundance estimates due to amendments to bio-season definitions (post-breeding) and inclusion of new data (pre-breeding - see change number F6.5.2 F02 3).	To address REP1-066.38 and REP1056.50	n/a	F6.5.2 F02 2	Noted
Table 1.4	Following a review of Volume 6, Annex 5.1: Offshore Ornithology Baseline Characterisation (APP-091), the predicted abundances of Manx shearwater from March 2020 had been incorrectly excluded from Table A. 6 of Volume 6, Annex 5.2: Offshore Ornithology Displacement Technical Report (APP-092) – see change F6.5.2 F02 15. Therefore, following the update to Table A. 6, the Year 1 peak abundance for spring migration is 6 birds. This also changes the Mean Peak from 3 to 6 birds within Table 1.4.	To address RR011.5.	n/a	F6.5.2 F02 3	We agree that the peak in the Year 1 pre-breeding season is 6 (based on March 2020). However, the peak in the Year 2 pre-breeding season appears to have been taken from April 2021. The pre-breeding season for Manx shearwater is solely the month of March.

Cross reference to where change has been made	Summary of change	Reason for change	Errata number	Change number	JNCC comment
					Therefore the March 2021 value (0) should be used as the peak of the 2nd pre-breeding season. This would result in a mean peak of 3 birds. However, as either 3 or 6 birds both result in a maximum of 0 displacement mortalities, we find this to be not material to the impact assessment.
Table 1.20 and Table 1.22	Change in the non-breeding season abundance of Atlantic puffin (see change F6.5.2 F02 2), results in the matrix table also needing to be updated. Table headings have also been amended to remove statement around zero birds impacted due to change in abundance.	To address REP1-066.38 and REP1056.50	n/a	F6.5.2 F02 4	Noted
Table 1.29	Change in the pre-breeding seasonal abundance of black-legged kittiwake (see change F6.5.2 F02 1 and F6.5.2 F02 2), results in the matrix table also needing to be updated.	To address REP1-056.46 REP1066.31, REP1066.38 and REP1056.50	n/a	F6.5.2 F02 5	Noted
Table 1.30	Change in the breeding seasonal abundance of black-legged kittiwake (see change F6.5.2 F02 1 and F6.5.2 F02 2), results in the matrix table also needing to be updated.	To address REP1-056.46 REP1066.31, REP1066.38 and	n/a	F6.5.2 F02 6	Noted

Cross reference to where change has been made	Summary of change	Reason for change	Errata number	Change number	JNCC comment
		REP1056.50			
Table 1.32	Change in the pre-breeding seasonal abundance of black-legged kittiwake (see change F6.5.2 F02 1 and F6.5.2 F02 2), results in the matrix table also needing to be updated.	To address REP1-056.46 REP1066.31, REP1066.38 and REP1056.50	n/a	F6.5.2 F02 7	Noted
Table 1.33	Change in the breeding seasonal abundance of black-legged kittiwake (see change F6.5.2 F02 1 and F6.5.2 F02 2), results in the matrix table also needing to be updated.	To address REP1-056.46 REP1066.31, REP1066.38 and REP1056.50	n/a	F6.5.2 F02 8	Noted
Table 1.35	Change in the pre-breeding seasonal abundance of Manx shearwater (see change F6.5.2 F02 2 and F6.5.2 F02 3), results in the matrix table also needing to be updated.	To address REP1-066.38, REP1-056.50 and RR011.5.	n/a	F6.5.2 F02 9	See response to F6.5.2 F02 3
Table 1.37	Change in the post-breeding seasonal abundance of Manx shearwater (see change F6.5.2 F02 2), results in the matrix table also needing to be updated.	To address REP1-066.38, REP1-056.50 and RR011.5.	n/a	F6.5.2 F02 10	Noted
Table 1.38	Change in the pre-breeding seasonal abundance of Manx shearwater (see change F6.5.2 F02 2 and F6.5.2 F02 3), results in the matrix table also needing to be updated.	To address REP1-066.38, REP1-056.50 and RR011.5.	n/a	F6.5.2 F02 11	See response to F6.5.2 F02 3
Table 1.40	Change in the post-breeding seasonal abundance of Manx shearwater (see change F6.5.2 F02 2), results in the matrix table also needing to be updated.	To address REP1-066.38, REP1-056.50 and RR011.5.	n/a	F6.5.2 F02 12	Noted

Cross reference to where change has been made	Summary of change	Reason for change	Errata number	Change number	JNCC comment
Table 1.47 and Table 1.48	Corrected the non-breeding season abundance and predicted impact for Atlantic puffin due to incorrect number previously presented. Corrected the pre-breeding and breeding season abundance estimates and predicted impacts for black-legged kittiwake due to amendments to the bio-season definitions (see change F6.5.2 F02 1). Corrected Manx shearwater pre-breeding and post-breeding abundance estimates and predicted impacts due to amendments to bio-season definitions (post-breeding) and inclusion of new data (pre-breeding - see change number F6.5.2 F02 3)	To address REP1-066.38 and REP1056.50	n/a	F6.5.2 F02 13	Noted
Table A. 5	Corrected the monthly abundances, which were in bold, which indicates they were used within the abundance estimate. Specifically, June in Year 1 and July in Year 2 have been corrected to not bold. March in both Year 1 and Year 2 is now in bold.	To address REP1-066.38 and REP1056.50	n/a	F6.5.2 F02 14	Noted
Table A. 6	Added the March 2020 data, which had been incorrectly missed (see change F6.5.2 F02 3) and updated the September 2020 data, which was also incorrect.	To address discrepancies identified by the Applicant.	n/a	F6.5.2 F02 15	See response to F6.5.2 F02 3
Table B. 1	Corrected the non-breeding season abundance for Atlantic puffin due to incorrect number previously presented. Corrected the pre-breeding and breeding season abundance estimates for black-legged kittiwake due to amendments to the bio-season definitions (see change F6.5.2 F02 1). Corrected Manx shearwater pre-breeding and post-breeding abundance estimates due to amendments to bio-season definitions (post-breeding) and inclusion of new	To address REP1-066.38 and REP1056.50 and to address discrepancies identified by the Applicant.	n/a	F6.5.2 F02 16	Noted

Cross reference to where change has been made	Summary of change	Reason for change	Errata number	Change number	JNCC comment
	data (pre-breeding - see change number F6.5.2 F02 3) Corrected the peak abundance during Year 1 for northern gannet.				
Table B. 2	Corrected the non-breeding season abundance for Atlantic puffin due to incorrect number previously presented. Corrected the pre-breeding and breeding season abundance estimates for black-legged kittiwake due to amendments to the bio-season definitions (see change F6.5.2 F02 1). Corrected Manx shearwater pre-breeding and post-breeding abundance estimates due to amendments to bio-season definitions (post-breeding) and inclusion of new data (pre-breeding - see change number 3)	To address REP1-066.38 and REP1056.50.	n/a	F6.5.2 F02 17	Noted
Table C. 27 and C. 28, C. 31 and C. 32	Change in the non-breeding season abundance of Atlantic puffin (see changes F6.5.2 F02 16 and F6.5.2 F02 17), results in the matrix table also needing to be updated.	To address REP1-066.38 and REP1056.50	n/a	F6.5.2 F02 18	Noted
Table C. 34, C. 36, C. 38, C. 40, C. 42 and C. 44	Changes to the year one peak abundances of northern gannet (see change F6.5.2 F02 16), results in the matrix table also needing to be updated.	To address REP1-066.38 and REP1056.50	n/a	F6.5.2 F02 19	Noted
Table C. 45, C. 46, C. 47, C. 48, C. 51, C. 52, C. 53 and C. 54	Corrected the pre-breeding and breeding season abundance estimates for black-legged kittiwake due to amendments to the bio-season definitions (see change F6.5.2 F02 16 and F6.5.2 F02 17), results in the matrix table also needing to be updated.	To address REP1-066.38 and REP1056.50	n/a	F6.5.2 F02 20	Noted
Table C. 58, C. 62, C. 64, C. 67 and C. 68.	Corrected Manx shearwater pre-breeding and post-breeding abundance estimates due to amendments to bio-season definitions (post-breeding) and inclusion of new data (pre-breeding - see change number F6.5.2 F02 16 and F6.5.2 F02 17)	To address REP1-066.38 and REP1056.50	n/a	F6.5.2 F02 21	Noted

Cross reference to where change has been made	Summary of change	Reason for change	Errata number	Change number	JNCC comment
Acronyms table and throughout the document	Updated list of acronyms.	To aid the clarity of the document. Identified by the Applicant.	n/a	F6.5.3 F02 1	Noted
Section 1 of the document, throughout	Document reference numbers for all documents referenced within the document are included throughout.	To aid the clarity of the document. Identified by the Applicant.	n/a	F6.5.3 F02 2	Noted
Section 1 of the document, throughout	Reference to black-legged kittiwake referred to in full throughout the document.	To aid the clarity of the document. Identified by the Applicant.	n/a	F6.5.3 F02 3	Noted
Table 1.1	Amendment to row on NRW's Section 42 consultation in regard to 70% reduction in gannet densities. Text removed as it is not relevant in this row.	To address discrepancies identified by the Applicant.	n/a	F6.5.3 F02 4	Noted
Table 1.3	Added the unit of density that is presented in Table 1.3. Amended the title of a column to "Average density".	To aid the clarity of the document. Identified by the Applicant.	n/a	F6.5.3 F02 5	Noted
Paragraph 1.3.5.2	Added clarity around both the species-group and species-avoidance rates and highlighted which method is preferred by the SNCBs. The Applicant has used both avoidance rates throughout the document.	To aid the clarity of the document. Identified by the Applicant.	n/a	F6.5.3 F02 6	Noted
Table 1.4	Amended the footnotes to correctly reference the species-group and species-avoidance rates used within the collision risk models.	To aid the clarity of the document. Identified by the	n/a	F6.5.3 F02 7	Noted

Cross reference to where change has been made	Summary of change	Reason for change	Errata number	Change number	JNCC comment
		Applicant.			
Table 1.4	Amending the term 'NE Avoidance Rate' to 'species-group avoidance rate'. The species-group avoidance rates are taken from Ozsanlev-Harris *et al*., 2023, and therefore, it's not appropriate to title the previous way.	To aid the clarity of the document. Identified by the Applicant.	n/a	F6.5.3 F028	Noted
Table 1.4	Removed the alternative avoidance rate (0.9939 – large gull species-group rate) for northern gannet to follow SNCB guidance for this species.	To aid the clarity of the document. Identified by the Applicant.	n/a	F6.5.3 F029	Noted
Figure 1.2	Amended the legend of the figure from 'NE 2022' to 'species-group' and 'Ozsanlev-Harris *et al*. 2023' to "species-specific". Title of Figure 1.2 also simplified.	To aid the clarity of the document. Identified by the Applicant.	N/A	F6.5.3 F0210	Noted
Table 1.6	Amending the term 'NE Avoidance Rate' to 'species-group avoidance rate'. Amended the term 'Ozsanlev-Harris *et al.* avoidance rate' to 'species-specific avoidance rate'. Both the species-group and species-specific avoidance rates are taken from Ozsanlev-Harris *et al*., 2023.	To aid the clarity of the document. Identified by the Applicant.	N/A	F6.5.3 F0211	Noted
Figure 1.3	Amended the legend of the figure from 'NE 2022' to 'species-group' and 'Ozsanlev-Harris *et al*. 2023' to "species-specific". Title of Figure 1.3 also simplified.	To aid the clarity of the document. Identified by the Applicant.	N/A	F6.5.3 F0212	Noted
Table 1.7	Amending the term 'NE Avoidance Rate' to 'species-group avoidance rate'. Amended the term 'Ozsanlev-Harris *et al.* avoidance rate' to 'species-specific avoidance rate'. Both the species-group and species-specific avoidance rates are taken from Ozsanlev-Harris *et al*., 2023.	To aid the clarity of the document. Identified by the Applicant.	N/A	F6.5.3 F0213	Noted

Cross reference to where change has been made	Summary of change	Reason for change	Errata number	Change number	JNCC comment
Figure 1.4	Amended the legend of the figure from 'NE 2022' to 'species-group' and 'Ozsanlev-Harris *et al*. 2023' to "species-specific". Title of Figure 1.4 also simplified.	To aid the clarity of the document. Identified by the Applicant.	N/A	F6.5.3 F02 14	Noted
Table 1.8	Amending the term 'NE Avoidance Rate' to 'species-group avoidance rate'. Amended the term 'Ozsanlev-Harris *et al.* avoidance rate' to 'species-specific avoidance rate'. Both the species-group and species-specific avoidance rates are taken from Ozsanlev-Harris *et al*., 2023.	To aid the clarity of the document. Identified by the Applicant.	N/A	F6.5.3 F02 15	Noted
Figure 1.5	Amended the legend of the figure from 'NE 2022' to 'species-group' and 'Ozsanlev-Harris *et al*. 2023' to "species-specific". Title of Figure 1.5 also simplified.	To aid the clarity of the document. Identified by the Applicant.	N/A	F6.5.3 F02 16	Noted
Table 1.9	Amending the term 'NE Avoidance Rate' to 'species-group avoidance rate'. Amended the term 'Ozsanlev-Harris *et al.* avoidance rate' to 'species-specific avoidance rate'. Both the species-group and species-specific avoidance rates are taken from Ozsanlev-Harris *et al*., 2023.	To aid the clarity of the document. Identified by the Applicant.	N/A	F6.5.3 F02 17	Noted
Figure 1.6	Amended the legend of the figure from 'NE 2022' to 'species-group' and 'Ozsanlev-Harris *et al*. 2023' to "species-specific". Removed the alternative avoidance rate (0.9939 – large gull species-group rate) for northern gannet to follow SNCB guidance for this species. Title of Figure 1.6 also simplified.	To aid the clarity of the document. Identified by the Applicant.	N/A	F6.5.3 F02 18	Noted
Table 1.10	Amending the term 'NE Avoidance Rate' to 'species-group avoidance rate'. Removed the alternative avoidance rate (0.9939 – large gull species-group rate) for northern gannet to follow SNCB guidance for this species	To aid the clarity of the document. Identified by the Applicant.	N/A	F6.5.3 F02 19	Noted

Cross reference to where change has been made	Summary of change	Reason for change	Errata number	Change number	JNCC comment
Table 1.10	Correction of the northern gannet total monthly collision estimates (indiv.) Species-group avoidance rates annually to 5.65 from 5.64. The discrepancy occurred due to rounding of decimal places. There is no change to the conclusions of the assessment due to this change.	To aid the clarity of the document. Identified by the Applicant.	91	F6.5.3 F02 20	Noted
Table 1.11	Amending the term 'NE Avoidance Rate' to 'species-group avoidance rate'. Removed the alternative avoidance rate (0.9939 – large gull species-group rate) for northern gannet to follow SNCB guidance for this species	To aid the clarity of the document. Identified by the Applicant.	n/a	F6.5.3 F02 21	Noted
Table 1.11	Correction of the northern gannet total monthly collision estimates (indiv.) Species-group avoidance rates annually to 1.70 from 1.69. The discrepancy occurred due to rounding of decimal places. There is no change to the conclusions of the assessment due to this change.	To aid the clarity of the document. Identified by the Applicant.	91	F6.5.3 F02 22	Noted
Figure 1.7	Amended the legend of the figure from 'NE 2022' to 'species-group'. Title of Figure 1.7 also simplified.	To aid the clarity of the document. Identified by the Applicant.	n/a	F6.5.3 F02 23	Noted
Table 1.12	Amending the term 'NE Avoidance Rate' to 'species-group avoidance rate'.	To aid the clarity of the document. Identified by the Applicant.	N/A	F6.5.3 F02 24	Noted
Table 1.13	Amending the term 'NE Avoidance Rate' to 'species-group avoidance rate'.	To aid the clarity of the document. Identified by the Applicant.	n/a	F6.5.3 F02 25	Noted
Table 1.15	Amended title of Table 1.15 as the information is presented within the table headings and was not required to be repeated.	To aid the clarity of the document. Identified by the Applicant.	N/A	F6.5.3 F02 26	Noted

Cross reference to where change has been made	Summary of change	Reason for change	Errata number	Change number	JNCC comment
	Kittiwake was updated to black-legged kittiwake.				
Paragraphs 1.5.2.4 – 1.5.2.9	Amended ‘grouped avoidance rate’ or ‘grouped-species avoidance rate’ to ‘species-group avoidance rate’ for consistency throughout document.	To aid the clarity of the document. Identified by the Applicant.	N/A	F6.5.3 F02 27	Noted
Paragraph 1.5.2.7	‘kittiwake’ was updated to ‘black-legged kittiwake’ for consistency throughout document.	To aid the clarity of the document. Identified by the Applicant.	N/A	F6.5.3 F02 28	Noted

Volume 6, Annex 5.5: Offshore ornithology apportioning technical report

Cross reference to where change has been made	Summary of change	Reason for change	Errata number	Change number	JNCC comment
Throughout the document	The Applicant’s document reference numbers have been added throughout.	To aid the clarity of the document. Identified by the Applicant.	n/a	F6.5.5 F02 1	Noted
Throughout the document	Amended Anglesey Terns/Morwenoliaid Ynys MÃ´n SPA to Anglesey Terns/Morwenoliaid Ynys Môn SPA	To address discrepancies identified by the Applicant.	n/a	F6.5.5 F02 2	Noted
Heading 1.1.3	Changed from ‘Designated sites considered’ to ‘Colonies considered’ as all colonies have been considered within the apportioning and not just those within designated sites.	To aid the clarity of the document. Identified by the Applicant.	n/a	F6.5.5 F02 3	Noted

Cross reference to where change has been made	Summary of change	Reason for change	Errata number	Change number	JNCC comment
Table 1.3	Correction of the month included in each season for northern gannet, black-legged kittiwake, lesser black-backed gull and Manx shearwater to be in line with Volume 2, Chapter 5: Offshore Ornithology (F2.5 F02).	To address REP1-056.42, REP1-066.12, REP1-056.50, REP1056.51, REP1-056.52 and REP1-066.28-35.	n/a	F6.5.5 F02 4	Noted
Table 1.4	The number of adult-type and immature birds recorded during each season has been corrected for the breeding season and presented for non-breeding season.	To address REP1-066.19, REP1066.44, REP1-056.7 and REP1-056.77	n/a	F6.5.5 F02 5	We thank the Applicant for providing this clarity. This fulfils our Written Representation on this matter (REP1-066.51).
T able 1.4	Corrected the last column to be titled “Proportion of adult-type birds (%)” not “Proportion of immature birds (%)”.	To address REP1-066.50 and RR033.22	n/a	F6.5.5 F02 6	Noted
Paragraph 1.3.3.3 and 1.3.3.4	Updated paragraphs 1.3.3.3 and 1.3.3.4 to aid clarity of approach following the change to the treatment of black-legged kittiwake (see changes F6.5.5 F02 8 and F6.5.5 F02 9).	To address REP1-066.19, REP1066.44, REP1-056.7 and REP1-056.77	n/a	F6.5.5 F02 7	Noted We thank the Applicant for making this change.
Table 1.5	Table 1.5 of Volume 6, Annex 5.5: Offshore Ornithology Apportioning Technical Report (APP-096) has been removed following SNCB comments and the age-class apportioning approach for black-legged kittiwake clarified. The age-class apportioned impacts are used within the	To address REP1-066.19, REP1066.44, REP1-056.7 and REP1-056.77	n/a	F6.5.5 F02 8	Noted We thank the Applicant for making this change.

Cross reference to where change has been made	Summary of change	Reason for change	Errata number	Change number	JNCC comment
	HRA documents but following the change there have been no changes to the conclusions of the assessment.				
Table 1.5	Table numbering has been updated following the removal of Table 1.5 from APP-092) (see change F6.5.5 F02 8). Table 1.5 has also been updated to present the site-specific age-class apportioning for both the breeding and non-breeding season.	To address REP1-066.19, REP1066.44, REP1-056.7 and REP1-056.77	n/a	F6.5.5 F02 9	Noted We thank the Applicant for providing this clarity
Paragraphs 1.3.3.4 – 1.3.3.7	Removing paragraphs 1.3.3.4 – 1.3.3.7 of Volume 6, Annex 5.5: Offshore Ornithology Apportioning Technical Report (APP-096) to remove the method previously applied to calculate breeding season age-class proportions for black-legged kittiwake.	To address REP1-066.19, REP1066.44, REP1-056.7 and REP1-056.77	n/a	F6.5.5 F02 10	Noted
Paragraphs 1.3.4.5 and 1.3.4.6	Rewording paragraphs 1.3.4.5 and 1.3.4.6 to remove uncertainty over how sabbaticals had been considered within the assessments.	To address REP1066.55, RR-033.27 and REP1-056.82-87	n/a	F6.5.5 F02 11	Noted We thank the Applicant for making this change
Table 1.7 and paragraph 1.3.4.6	Removal of Table 1.7 and paragraph 1.3.4.6 of Volume 6, Annex 5.5: Offshore Ornithology Apportioning Technical Report (APP-096) to remove uncertainty over how sabbaticals had been considered within the assessments.	To address REP1066.55, RR-033.27 and REP1-056.82-87	n/a	F6.5.5 F02 12	Noted We thank the Applicant for making this change
Paragraph 1.3.5.1 and 1.3.5.2	Addition of text within the method to apportion birds during the non-breeding season to provide the SNCBs with additional clarity and to correct the method – as done in the application.	To address REP1-066.19, REP1066.44, REP1-056.7 and REP1-056.77	n/a	F6.5.5 F02 13	See full explanation in “Appendix: Response to change number F6.5.5 F02 13” at the end of this

Cross reference to where change has been made	Summary of change	Reason for change	Errata number	Change number	JNCC comment
					document
Headings within section 1.4	All headings for each species which stated “SPA weighted proportions” have been amended to “Colony weighted proportions” as all colonies within the foraging range have been presented.	To aid the clarity of the document. Identified by the Applicant.	n/a	F6.5.5 F02 14	Noted
Tables 1.6, 1.7, 1.8, 1.9, 1.10, 1.11, 1.12, 1.13, 1.14, 1.15, 1.16, 1.17, 1.18, 1.19, 1.20, 1.21, 1.22, 1.23, 1.24, 1.25, 1.26, 1.27	Remove incorrect reference to ‘SPA impacts’; all colonies were considered and not only colonies' situation within the boundary of an SPA.	To aid the clarity of the document. Identified by the Applicant.	n/a	F6.5.5 F02 15	Noted
Table 1.16 and 1.17	Corrected title to reference the correct BDMPS, from ‘UK Western region’ to ‘UK Wester water and Channel region’. The application had used the correct ‘UK Western waters and Channel region’ so there is no change to the assessment.	To address discrepancies identified by the Applicant.	n/a	F6.5.5 F02 16	Noted
Table 1.27 and 1.28	Corrected title to reference the correct BDMPS, from ‘UK Western region’ to ‘UK Southwest and Channel waters region’. The application had used the correct ‘UK Southwest and Channel waters region’ so there is no change to the assessment.	To address discrepancies identified by the Applicant.	n/a	F6.5.5 F02 17	Noted
Table A. 1	Corrected headings to refer to species-group and species-specific avoidance rates and corrected the impacts in line with the amendments to season/errata identified within other documents. There is no change to the conclusions of the assessment due to these changes.	To address REP1066.14.	n/a	F6.5.5 F02 18	Noted

Cross reference to where change has been made	Summary of change	Reason for change	Errata number	Change number	JNCC comment
Throughout the document	The Applicant's document reference numbers have been added throughout	To aid the clarity of the document. Identified by the Applicant.	n/a	F6.5.6 F02 1	Noted
Paragraph 1.1.1.5	Paragraph 1.1.1.5 was reworded to aid readability; this does not affect the assessment undertaken.	To aid the clarity of the document. Identified by the Applicant.	n/a	F6.5.6 F02 2	Noted
Paragraph 1.3.4.2	Additional text within paragraph 1.3.4.2 to aid the reasoning for the change to Table 1.2. Added additional clarity around which survival rates have been used.	To aid the clarity of the document. Identified by the Applicant.	n/a	F6.5.6 F02 3	Noted
Table 1.2	Correction of the juvenile survival rates of great black-backed gull, which used the juvenile rate for herring gull as set out in Horswill and Robinson (2015). Table 1.2 incorrectly stated which values were used in the PVA. Table 1.2 is now aligned with how the PVA was run at application and also the rerun within this document. Following this change, no change to the assessment has occurred.	To address discrepancies identified by the Applicant.	n/a	F6.5.6 F02 4	Noted
Header above paragraph 1.3.4.3	Amended heading from 'Special Protection Areas to 'Sites of Special Scientific Interest' as only SSSIs are presented in this section.	To address discrepancies identified by the Applicant.	n/a	F6.5.6 F02 5	Noted
Table 1.4	Corrected the rows to state the correct season. 'Annual' and 'Non-breeding' were written in the incorrect row but are now amended. Following this change, no change to the assessment occurred, as the assessment used the	To address REP1066.63	n/a	F6.5.6 F02 6	Noted

Cross reference to where change has been made	Summary of change	Reason for change	Errata number	Change number	JNCC comment
	correct numbers.				
Table 1.6	Corrected the table in light of changes to the cumulative impact totals from Volume 2, Chapter 5: Offshore Ornithology (F2.5 F02). Title changed for added clarity as to what is shown in the table. There is no change to the conclusions of the assessment due to this change.	To address REP1-056.69 and REP1066.66	n/a	F6.5.6 F02 7	Noted. We also note the Applicant's intention to submit the results of the gap-filling exercise at Deadline 3, thereafter which we will review the cumulative and in-combination assessments.
Table 1.7	Corrected the table in light of changes to the cumulative impact totals from Volume 2, Chapter 5: Offshore Ornithology (F2.5 F02). Titles changed for added clarity as to what is shown in each table. There is no change to the conclusions of the assessment due to this change.	To address REP1-056.69 and REP1066.66	n/a	F6.5.6 F02 8	See response to F6.5.6 F02 7
Table 1.8	Corrected the table in light of changes to the cumulative impact totals from Volume 2, Chapter 5: Offshore Ornithology (F2.5 F02). Titles changed for added clarity as to what is shown in each table. There is no change to the conclusions of the assessment due to this change.	To address REP1-056.69 and REP1066.66	n/a	F6.5.6 F02 9	See response to F6.5.6 F02 7
Table 1.11, Figure 1.7, Figure 8 and Figure 1.9	Updated table and figures following the amendments to Table 1.6 (see change F6.5.6 F02 7) which resulted in the requirement for an updated PVA. There is no change to the conclusions of the assessment following the PVA being rerun.	To address REP1-056.69 and REP1066.66	n/a	F6.5.6 F02 10	See response to F6.5.6 F02 7

Cross reference to where change has been made	Summary of change	Reason for change	Errata number	Change number	JNCC comment
Table 1.12, Figure 1.10, Figure 1.11 and Figure 1.12	Updated table and figures following the amendments to Table 1.7 (see change F6.5.6 F02 8) which resulted in the requirement for an updated PVA. There is no change to the conclusions of the assessment following the PVA being rerun.	To address REP1-056.69 and REP1066.66	n/a	F6.5.6 F02 11	See response to F6.5.6 F02 7
Table 1.13, Figure 1.13, Figure 1.14 and Figure 1.15	Updated table and figures following the amendments to Table 1.8 (see change F6.5.6 F02 9) which resulted in the requirement for an updated PVA. There is no change to the conclusions of the assessment following the PVA being rerun.	To address REP1-056.69 and REP1066.66	n/a	F6.5.6 F02 12	See response to F6.5.6 F02 7
Appendix A	The updates to the PVAs have been undertaken using revised input parameters. Appendix A has been updated with input parameters used for the rerun PVA. Specifically the changes relate to an amendment to the burn in period and impact on survival rate. Appendix A.2 has an updated output table following the rerun of the PVA.	To aid the clarity of the document. Identified by the Applicant.	n/a	F6.5.6 F02 13	There are no tracked changes in relation to the burn in period and it appears to be the same as in the previous version of the document. What burn-in period amendment has been made? What does appear to have changed is the production of outputs, which for the cumulative guillemot PVA is now in the metric

Cross reference to where change has been made	Summary of change	Reason for change	Errata number	Change number	JNCC comment
					of the whole population, rather than breeding adults. This appears to be the only PVA to include this change, with no reason as to this change. Further clarification is required on this.

HRA Stage 1 Screening Report

Cross reference to where change has been made	Summary of change	Reason for change	Errata number	Change number	JNCC comment
Throughout the document	The Applicant's document reference numbers have been added throughout	To aid the clarity of the document. Identified by the Applicant.	n/a	E1.4 F02 1	Noted
Table 1.2 row on JNCC S42 consultation (June 2023)	The Applicant has removed the incorrect interpretation of the JNCC advice.	To address REP1066.15	n/a	E1.4 F02 2	Noted
Table 1.7	Corrected foraging ranges for common guillemot, razorbill and Atlantic puffin and removed text from the 'exceptions' column, which misinterpreted JNCC's advice from their Section 42 response. No additional sites were required to	To address REP1-066.15 and RR-011.32	n/a	E1.4 F02 3	Noted We thank the Applicant for making this

Cross reference to where change has been made	Summary of change	Reason for change	Errata number	Change number	JNCC comment
	be included within the assessment as a result of this change, nor were any sites brought into the assessments incorrectly at application. Therefore, there are no changed to the conclusions of the assessment. Inclusion of European storm petrel due to it being within its foraging range of Skomer, Skokholm and seas off Pembrokeshire SPA.				change
Table 1.9	Correction of the discrepancies in the qualifying features within their respective foraging range of the Skomer, Skokholm and seas off Pembrokeshire SPA. Atlantic puffin (previously presented as a named component of the seabird assemblage) and European storm petrel (previously presented within Table 1.11 only) are now presented as a qualifying feature within foraging range.	To address RR-011.14 and REP1-056.73	7	E1.4 F02 4	Noted We thank the Applicant for making this change
Table 1.9	Northern gannet was incorrectly excluded from the HRA Stage 1 Screening report for Skelligs SPA, but it is now included.	To address discrepancies identified by the Applicant.	n/a	E1.4 F02 5	Noted
Table 1.10	Corrected common guillemot and razorbill so both species are correctly named as a named component of the seabird assemblage. Both qualifying features and named components of the seabird assemblage were assessed the same for Skomer, Skokholm and the Seas off Pembrokeshire / Sgomer, Sgogwm a Moroedd Penfro SPA so there are no changes to the assessment.	To address RR-011.14 and REP1-056.73	7 and 8	E1.4 F02 6	Noted
Table 1.53	Correction of the discrepancies in the qualifying features of the Skomer, Skokholm and seas off Pembrokeshire SPA. Atlantic puffin are now presented as a qualifying feature having previously presented as a named component of the seabird assemblage and common	To address RR-011.14 and REP1-056.73	7	E1.4 F02 7	Noted

Cross reference to where change has been made	Summary of change	Reason for change	Errata number	Change number	JNCC comment
	guillemot and razorbill amended from qualifying features to named components of the seabird assemblage.				
Table 1.53	Northern gannet was incorrectly excluded from the HRA Stage 1 Screening report for Skelligs SPA, but it is now included.	REP1-066.30	n/a	E1.4 F02 8	Noted
Table 1.53	Common guillemot has been added to the tables for Shiant Isles SPA for nonbreeding season assessment due to amendments following age-class apportioning and recalculating the annual impact.	To address discrepancies identified by the Applicant.	n/a	E1.4 F02 9	Noted
Table 1.58	Updated the predicted collision impact on lesser black-backed gull from Morecambe Bay and Duddon Estuary SPA from 0.0 to 0.1 birds. Point c of paragraph 1.4.6.39 has also been updated. This amendment means Morecambe Bay and Duddon Estuary SPA is taken through to HRA Stage 2 and is now included in Table 1.125 (see change E1.4 F02 36).	REP1-066.34	n/a	E1.4 F02 10	Noted
Table 1.61	The impact on black-legged kittiwake from Lambay Island SPA has changed from 0.4 to 0.6 birds due to changes in the bio-seasons in point b of paragraph 1.4.6.42. The increase in annual abundance of Atlantic puffin during the non-apportioned impact from 0.0 birds to 0.1 birds in point b of paragraph 1.4.6.42. There is no change to the conclusion of the screening assessment following this change.	REP1-056.46, REP1056.75 and REP1066.52	n/a	E1.4 F02 11	We do not agree with the treatment of Atlantic puffin displacement assessment within the HRA. Predicted mortalities are 0 to 3 birds annually based on the range of displacement and mortality rates. The Applicant's

Cross reference to where change has been made	Summary of change	Reason for change	Errata number	Change number	JNCC comment
					own approach is to take site features through to Appropriate Assessment where apportioned impacts are greater than 0.0 mortalities. Therefore, displacement impacts to Atlantic puffin should be apportioned to the SPA, and if apportioned impacts are greater than 0.0 mortalities then the feature is taken through to Appropriate Assessment. Given that further submission is expected at Deadline 3, including tables

Cross reference to where change has been made	Summary of change	Reason for change	Errata number	Change number	JNCC comment
					describing the calculation of apportioned mortalities and use of the full range of displacement and mortality rates, we will await receipt of this submission before commenting on the HRA.
Table 1.62	The impact on black-legged kittiwake from Howth Head Coast SPA has changed from 0.2 to 0.3 birds due to changes in the bio-seasons in point b of paragraph 1.4.6.43. There is no change to the conclusion of the screening assessment following this change.	REP1-056.46, REP1056.75 and REP1066.52	n/a	E1.4 F02 12	Given that further submission is expected at Deadline 3, including tables describing the calculation of apportioned mortalities and use of the full range of displacement and mortality rates, we will await receipt of this submission before

Cross reference to where change has been made	Summary of change	Reason for change	Errata number	Change number	JNCC comment
					commenting on the HRA.
Tables 1.65	Updated the predicted collision impact on black-legged kittiwake from Wicklow Head SPA from 0.0 to 0.1 birds in point c of paragraph 1.4.6.39. This amendment means Wicklow Head SPA is taken through to HRA Stage 2 and is now included in Table 1.125 (see change E1.4 F02 36).	REP1-056.46, REP1056.75 and REP1066.52	n/a	E1.4 F02 13	See response to E1.4 F02 12
Tables 1.66	The impact on northern gannet from Ailsa Craig SPA has changed from 1.7 to 1.8 birds due to changes in the bio-seasons in point b of paragraph 1.4.6.47. There is no change to the conclusion of the screening assessment following this change.	REP1-066.30	n/a	E1.4 F02 14	See response to E1.4 F02 12
Table 1.67	The impact on black-legged kittiwake from Rathlin Island SPA has changed from 0.8 to 1.4 birds due to changes in the bio-seasons in point b of paragraph 1.4.6.48. The increase in annual abundance of Atlantic puffin during the non-apportioned impact from 0.0 birds to 0.1 birds in point b of paragraph 1.4.6.48. There is no change to the conclusion of the screening assessment following this change.	REP1-056.46, REP1056.75 and REP1066.52	n/a	E1.4 F02 15	See response to E1.4 F02 11
Table 1.68	The impact on black-legged kittiwake from Skomer, Skokholm and the Seas off Pembrokeshire SPA has changed from 0.0 to 0.1 black-legged kittiwake due to changes in the bio-seasons in point b of paragraph 1.4.6.49. Lesser black-backed gull has changed from 0.0 birds annual, to between 0.1 and 0.2 due to recalculations of the combined seasonal impact. This is presented in point c of paragraph 1.4.6.49. Both of these species are now taken through to HRA Stage 2 and included in Table 1.125 (see change E1.4 F02 36).	REP1-056.73 and REP1-066.78	n/a	E1.4 F02 16	See response to E1.4 F02 12

Cross reference to where change has been made	Summary of change	Reason for change	Errata number	Change number	JNCC comment
Tables 1.69	The impact on northern gannet from Grassholm SPA has changed from 0.5 to 0.6 birds due to changes in the bio-seasons in point b of paragraph 1.4.6.50. There is no change to the conclusion of the screening assessment following this change.	REP1-066.30	n/a	E1.4 F02 17	See response to E1.4 F02 12
Table 1.70	The increase in annual abundance of Atlantic puffin during the non-apportioned impact from 0.0 birds to 0.1 birds in point b of paragraph 1.4.6.51. There is no change to the conclusion of the screening assessment following this change.	REP1-066.10	n/a	E1.4 F02 18	See response to E1.4 F02 11
Table 1.71	The impact on black-legged kittiwake from North Colonsay and Western Cliffs SPA has changed from 0.1 to 0.6 birds due to changes in the bio-seasons in point b of paragraph 1.4.6.48. There is no change to the conclusion of the screening assessment following this change.	REP1-056.46, REP1056.75 and REP1066.52	n/a	E1.4 F02 19	See response to E1.4 F02 12
Table 1.78	Common guillemot has been added to the tables for Shiant Isles SPA for nonbreeding season assessment. The impact on common guillemot during the non-breeding season is 0.3 birds (point b of paragraph 1.4.6.59) and therefore the species is taken through to HRA Stage 2 and included in Table 1.125 (see change E1.4 F02 36). The increase in annual abundance of Atlantic puffin during the non-apportioned impact from 0.0 birds to 0.1 birds in point b of paragraph 1.4.6.59. There is no change to the conclusion of the screening assessment following this change.	To address discrepancies identified by the Applicant.	n/a	E1.4 F02 20	See response to E1.4 F02 11
Table 1.79 and points b and c of paragraph 1.4.6.60	Northern gannet was incorrectly excluded from the HRA Stage 1 Screening report for Skelligs SPA, but it is now included. The impact is predicted to be 0.1 birds, and therefore, the species is taken through to HRA Stage 2 and	REP1-066.30	n/a	E1.4 F02 21	See response to E1.4 F02 12

Cross reference to where change has been made	Summary of change	Reason for change	Errata number	Change number	JNCC comment
	included in Table 1.125 (see change E1.4 F02 37). Points b and c of paragraph 1.4.6.60 were also updated with the inclusion of northern gannet.				
Table 1.82	The impact on black-legged kittiwake from Cape Wrath SPA has changed from 0.6 to 0.8 birds due to changes in the bio-seasons in point b of paragraph 1.4.6.63. There is no change to the conclusion of the screening assessment following this change.	REP1-056.46, REP1056.75 and REP1066.52	n/a	E1.4 F02 22	See response to E1.4 F02 12
Table 1.83	The increase in annual abundance of Atlantic puffin during the non-apportioned impact from 0.0 birds to 0.1 birds in point b of paragraph 1.4.6.64. There is no change to the conclusion of the screening assessment following this change.	REP1-066.10	n/a	E1.4 F02 23	See response to E1.4 F02 11
Table 1.84	The impact on black-legged kittiwake from Flamborough and Filey Coast SPA has changed from 0.1 to 1.0 birds due to changes in the bio-seasons in point b of paragraph 1.4.6.65. There is no change to the conclusion of the screening assessment following this change.	REP1-056.46, REP1056.75 and REP1066.52	n/a	E1.4 F02 24	See response to E1.4 F02 12
Table 1.85	The increase in annual abundance of Atlantic puffin during the non-apportioned impact from 0.0 birds to 0.1 birds in point b of paragraph 1.4.6.66. There is no change to the conclusion of the screening assessment following this change.	REP1-066.10	n/a	E1.4 F02 25	See response to E1.4 F02 11
Table 1.86	The increase in annual abundance of Atlantic puffin during the non-apportioned impact from 0.0 birds to 0.1 birds in point b of paragraph 1.4.6.67. There is no change to the conclusion of the screening assessment following this change.	REP1-066.10	n/a	E1.4 F02 26	See response to E1.4 F02 11

Cross reference to where change has been made	Summary of change	Reason for change	Errata number	Change number	JNCC comment
Table 1.87	The impact on black-legged kittiwake from Fowlsheugh SPA has changed from 0.1 to 0.3 birds due to changes in the bio-seasons in point b of paragraph 1.4.6.68. There is no change to the conclusion of the screening assessment following this change.	REP1-056.46, REP1056.75 and REP1066.52	n/a	E1.4 F02 27	See response to E1.4 F02 12
Table 1.91	The impact on great black-backed gull from Isles of Scilly SPA has changed from 0.4 to 0.6 birds due to changes in the bio-seasons and age-class apportioning in point c of paragraph 1.4.6.72. There is no change to the conclusion of the screening assessment following this change.	REP1-066.33	n/a	E1.4 F02 28	See response to E1.4 F02 12
Table 1.92	The impact on black-legged kittiwake from Troup, Pennan and Lions Heads SPA has changed from 0.3 to 0.4 birds due to changes in the bio-seasons in point b of paragraph 1.4.6.73. There is no change to the conclusion of the assessment following this change.	REP1-056.46, REP1056.75 and REP1066.52	n/a	E1.4 F02 29	See response to E1.4 F02 12
Table 1.93	The impact on black-legged kittiwake from East Caithness Cliffs SPA has changed from 0.7 to 1.1 birds due to changes in the bio-seasons in point b of paragraph 1.4.6.74. There is no change to the conclusion of the screening assessment following this change.	REP1-056.46, REP1056.75 and REP1066.52	n/a	E1.4 F02 30	See response to E1.4 F02 12
Table 1.95	The increase in annual abundance of Atlantic puffin during the non-apportioned impact from 0.0 birds to 0.1 birds in point b of paragraph 1.4.6.76. There is no change to the conclusion of the screening assessment following this change.	REP1-066.10	n/a	E1.4 F02 31	See response to E1.4 F02 11
Table 1.99	The increase in annual abundance of Atlantic puffin during the non-apportioned impact from 0.0 birds to 0.1 birds in point b of paragraph 1.4.6.80. There is no change to the conclusion of the screening assessment following this change.	REP1-066.10	n/a	E1.4 F02 32	See response to E1.4 F02 11

Cross reference to where change has been made	Summary of change	Reason for change	Errata number	Change number	JNCC comment
Table 1.101	The increase in annual abundance of Atlantic puffin during the non-apportioned impact from 0.0 birds to 0.1 birds in point b of paragraph 1.4.6.82. There is no change to the conclusion of the screening assessment following this change.	REP1-066.10	n/a	E1.4 F02 33	See response to E1.4 F02 11
Table 1.102	The increase in annual abundance of Atlantic puffin during the non-apportioned impact from 0.0 birds to 0.1 birds in point b of paragraph 1.4.6.83. There is no change to the conclusion of the screening assessment following this change.	REP1-066.10	n/a	E1.4 F02 34	See response to E1.4 F02 11
Paragraph 1.6.1.7	Paragraph 1.6.1.7 has been updated from 33 to 36 SPAs following the amended tables as explained above in this Schedule of Change document.	At address all changes above.	n/a	E1.4 F02 35	See response to E1.4 F02 12
Paragraph 1.6.1.9	Paragraph 1.6.1.9 has been updated from 32 to 35 SPAs following the amended tables as explained above in this Schedule of Change document.	At address all changes above.	n/a	E1.4 F02 36	See response to E1.4 F02 12
Table 1.125	Following the updated assessments, several species and sites have now been taken through from the HRA Stage 1 Screening to HRA Stage 2 ISAA. These changes are presented in E1.4 F02 10, 13, 16 and 20) In addition to the points made within changes E1.4 F02 10, 13, 16 and 20 Table 1.125 was amended by changing the qualifying feature of Canna and Sanday SPA from black-legged kittiwake to common guillemot.	At address all changes above.	n/a	E1.4 F02 37	See response to E1.4 F02 12
Section A.2.1 – common guillemot	Section A.2.1 has been amended following a recalculation of the displacement impacts and age-class apportioning. All sites considered during the nonbreeding season have an amended impact. The changes to each individual site with common guillemot as a feature are detailed within this schedule of change	REP1-066.19	n/a	E1.4 F02 38	See response to E1.4 F02 12

Cross reference to where change has been made	Summary of change	Reason for change	Errata number	Change number	JNCC comment
	table.				
Section A.2.2 – razorbill	Section A.2.2 has been amended following a recalculation of the displacement impacts and age-class apportioning. Most sites considered during the nonbreeding season have an amended impact. Within Table A 3, Flannan Islands SPA has been removed as it was incorrectly included. The changes to each individual site with razorbill as a feature are detailed within this schedule of change table.	REP1-066.19	n/a	E1.4 F02 39	See response to E1.4 F02 12
Section A.2.3 – northern gannet	Section A.2.3 has been amended following a recalculation of the annual displacement and collision impacts and age-class apportioning. Most sites considered during the breeding season (Table A 4) have an amended impact; however, only two SPAs considered during the non-breeding season had an amended impact (Table A 5). The changes to each individual site with northern gannet as a feature are detailed within this schedule of change table.	REP1-066.30	n/a	E1.4 F02 40	See response to E1.4 F02 12
Section A.2.4 – blacklegged kittiwake (displacement)	At the request of NRW, the displacement and collision impacts have been separated; therefore, all impacts presented for the breeding (Table A 6) and non-breeding season (Table A 7) have been amended. West Westray SPA has incorrectly been omitted from Table A 7 but is now included. The changes to each individual site with black-legged kittiwake as a feature are detailed within this schedule of change table.	REP1-056.75	n/a	E1.4 F02 41	See response to E1.4 F02 12

Cross reference to where change has been made	Summary of change	Reason for change	Errata number	Change number	JNCC comment
Section A.2.4 – blacklegged kittiwake (collisions)	At the request of NRW, the displacement and collision impacts have been separated; therefore, all impacts presented for the breeding (Table A 8) and non-breeding (Table A 8) are new, as not previously presented. The changes to each individual site with black-legged kittiwake as a feature are detailed within this schedule of change table.	REP1-056.75	n/a	E1.4 F02 42	Noted
Section A.2.5 – herring gull	Section A.2.5 has been amended following a recalculation of the annual collision impacts and age-class apportioning; all sites considered during the non-breeding season have an amended impact. The changes to each individual site with herring gull as a feature are detailed within this schedule of change table.	REP1-056.46, REP1056.75 and REP1066.52	n/a	E1.4 F02 43	See response to E1.4 F02 12
Section A.2.6 – lesser black-backed gull	Section A.2.6 has been amended following a recalculation of the annual collision impacts and age-class apportioning. There is only one change during the breeding season, and two sites have changes during the non-breeding season. The changes to each individual site with lesser black-backed gull as a feature are detailed within this schedule of change table.	REP1-066.34	n/a	E1.4 F02 44	See response to E1.4 F02 12
Section A.2.7 – great black-backed gull	Section A.2.7 has been amended following a recalculation of the annual collision impacts following bio-season and age-class apportioning correction. Only the Isles of Scilly SPA is considered for this species, for which amendments have been made. The changes to each individual site with great black-backed gull as a feature are detailed within this schedule of change table.	REP1-066.33	n/a	E1.4 F02 45	See response to E1.4 F02 12
Section A.2.8 – Manx shearwater	Section A.2.8 has been amended following a recalculation of the annual collision and displacement impacts following age-class apportioning and bio-season correction. No	REP1-056.42, REP1056.51	n/a	E1.4 F02 46	See response to E1.4 F02 12

Cross reference to where change has been made	Summary of change	Reason for change	Errata number	Change number	JNCC comment
	amendments occur during the breeding season (A 15), but some impacts apportioned to sites in the non-breeding season have changed (A 16). The changes to each individual site with Manx shearwater as a feature are detailed within this schedule of change table.				

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Cross reference to where change has been made	Summary of change	Reason for change	Errata number	Change number	JNCC comment
Paragraph 1.3.1.3 and bullets below	The number of SPAs considered within this document has changed from 33 to 36 following the update to multiple species from bio-season definition changes, age-class apportioning changes and recalculation of annual impacts. The additional 3 SPAs now included in the document are Morecambe Bay and Duddon Estuary SPA, Wicklow Head SPA and Skelligs SPA – these three sites are also added to Table 1.2.	To address discrepancies identified by the Applicant and the SNCBs. Multiple Written and Relevant Representation responses. See specific points below.	n/a	E1.3 F02 1	See response to E1.4 F02 12.
Table 1.2	Inclusion of three additional SPAs, their relevant qualifying features and the impacts considered – see change number 1. Inclusion of lesser black-backed gull for Skomer, Skokholm and the Seas off Pembrokeshire/Sgomer, Sgogwm a Moroedd Penfro SPA following recalculations of impacts. Inclusion of the impact 'collision risk (lesser black-backed gull and black-legged kittiwake only)' as previously excluded. Correction of the relevant qualifying feature of Canna and	To address discrepancies identified by the Applicant and the SNCBs. Multiple Written and Relevant Representation responses. See specific points below.	n/a	E1.3 F02 2	See response to E1.4 F02 12

Cross reference to where change has been made	Summary of change	Reason for change	Errata number	Change number	JNCC comment
	Sanday SPA from black-legged kittiwake to common guillemot. This also amended the impacts considered. Inclusion of common guillemot as a relevant qualifying feature of Shiant Isles SPA.				
Table 1.4	See change number E1.3 FO2 1 and E1.3 FO2 2 for corrections and additions to Table 1.4.	See change number E1.3 FO2 1 and E1.3 FO2 2	n/a	E1.3 F02 3	See response to E1.4 F02 12
Table 1.9	Amending the collision impacts on lesser black-backed gull from Ribble and Alt Estuaries SPA and Ramsar site due to amendments to the bio-season definition, age-class apportioning and calculating annual impacts. There is no change to the conclusion of the assessment following this change.	REP1-066.34	n/a	E1.3 F02 4	See response to E1.4 F02 12
Paragraph 1.5.3.8 and 1.5.3.11 and Table 1.10	Removing the incorrect reference to ‘collision risk’ for Manx shearwater for Irish Sea Front SPA. Collision risk was screened out (within the HRA Stage 1 Screening (E.1.4 F02), as the annual impact (before apportioning) was 0.0 birds. There is no change to the conclusion of the assessment following this change.	To address discrepancies identified by the Applicant.	n/a	E1.3 F02 5	Noted
Paragraph 1.5.3.12 – 14 and Table 1.11	Inclusion of Morecambe Bay and Duddon Estuary SPA following amendments to the bio-season definition, age-class apportioning and calculating annual impacts for lesser black-backed gull.	REP1-066.34	n/a	E1.3 F02 6	See response to E1.4 F02 12
Table 1.12	Amending the collision impacts on lesser black-backed gull from Bowland Fells SPA site due to amendments to the bio-season definition, age-class apportioning and calculating annual impacts. There is no change to the conclusion of the assessment following this change.	REP1-066.34	n/a	E1.3 F02 7	See response to E1.4 F02 12

Cross reference to where change has been made	Summary of change	Reason for change	Errata number	Change number	JNCC comment
Paragraph 1.5.3.18 and 1.5.3.20 and Table 1.13	Removing the incorrect reference to 'collision risk' for Manx shearwater for Glannau Aberdaron ac Ynys Enlli/Aberdaron Coast and Bardsey Island SPA. Collision risk was screened out (within the HRA Stage 1 Screening (E.1.4 F02), as the annual impact (before apportioning) was 0.0 birds. There is no change to the conclusion of the assessment following this change. Amending the displacement impact on Manx shearwater due to amendments to the bio-season definition, age-class apportioning and calculating annual impacts. There is no change to the conclusion of the assessment following this change.	To address discrepancies identified by the Applicant.	n/a	E1.3 F02 8	See response to E1.4 F02 12
Table 1.14 and paragraphs 1.5.3.22, 1.5.3.23 and 1.5.3.24.	Separating the displacement and collision impact on black-legged kittiwake due to a request from NRW and also altering the combined impact numbers due to amendments to the bio-season definition, age-class apportioning and calculating annual impacts at Lambay Island SPA. Due to these changes, the site is taken through an in-combination assessment (section 1.5.4) – see change E1.3 F02 43.	REP1-056.46, REP1056.75 and REP1066.52	n/a	E1.3 F02 9	See response to E1.4 F02 12
Table 1.15 and paragraphs 1.5.3.26, 1.5.3.27 and 1.5.3.28.	Separating the displacement and collision impact on black-legged kittiwake due to a request from NRW and also altering the combined impact numbers due to amendments to the bio-season definition, age-class apportioning and calculating annual impacts at Howth Head Coast SPA. Due to these changes, the site is taken through an in-combination assessment (section 1.5.4) – see change E1.3 F02 43.	REP1-056.46, REP1056.75 and REP1066.52	n/a	E1.3 F02 10	See response to E1.4 F02 12
Table 1.16 and paragraphs 1.5.3.30, 1.5.3.31	Separating the displacement and collision impact on black-legged kittiwake due to a request from NRW and also altering the combined impact numbers due to amendments	REP1-056.46, REP1056.75 and REP1066.52	n/a	E1.3 F02 11	See response to E1.4 F02 12

Cross reference to where change has been made	Summary of change	Reason for change	Errata number	Change number	JNCC comment
and 1.5.3.32.	to the bio-season definition, age-class apportioning and calculating annual impacts at Ireland's Eye SPA. Due to these changes, the site is taken through an in-combination assessment (section 1.5.4) – see change E1.3 F02 43.				
Paragraph 1.5.3.33 and 1.5.3.35 and Table 1.17	Removing the incorrect reference to 'collision risk' for Manx shearwater for Copeland Islands SPA. Collision risk was screened out (within the HRA Stage 1 Screening (E.1.4 F02), as the annual impact (before apportioning) was 0.0 birds. There is no change to the conclusion of the assessment following this change. Amending the displacement impact on Manx shearwater due to amendments to the bio-season definition, age-class apportioning and calculating annual impacts. There is no change to the conclusion of the assessment following this change.	To address discrepancies identified by the Applicant.	n/a	E1.3 F02 12	See response to E1.4 F02 12
Table 1.18, paragraph 1.5.3.37	Separating the displacement and collision impact on black-legged kittiwake due to a request from NRW and also altering the combined impact numbers due to amendments to the bio-season definition, age-class apportioning and calculating annual impacts at Rathlin Island SPA. There is no change to the conclusion of the assessment following this change. Amending displacement impacts on razorbill and common guillemot due to amendments to age-class apportioning and calculating annual impacts at Rathlin Island SPA. There is no change to the conclusion of the assessment following this change.	REP1-056.46, REP1056.75 and REP1066.52	n/a	E1.3 F02 13	See response to E1.4 F02 12
Table 1.19, paragraphs 1.5.3.40 -43	Amendments to the species considered for Skomer, Skokholm and the Seas off Pembrokeshire/Sgomer, Sgogwm a Moroedd Penfro SPA – see change number	REP1-056.73 and REP1-066.78	n/a	E1.3 F02 14	See response to E1.4 F02 12

Cross reference to where change has been made	Summary of change	Reason for change	Errata number	Change number	JNCC comment
	E1.3 F02 2. Amendments to the impacts of all species considered due to amendments to the bio-season definition, age-class apportioning and calculating annual impacts. There is no change to the conclusion of the assessment following this change.				
Table 1.20	Amendments to the collision and displacement impacts on northern gannet from Grassholm SPA due to amendments to the bio-season definition, age-class apportioning and calculating annual impacts. There is no change to the conclusion of the assessment following this change.	REP1-066.30	n/a	E1.3 F02 15	See response to E1.4 F02 12
Table 1.21 and paragraphs 1.5.3.49.	Separating the displacement and collision impact on black-legged kittiwake due to a request from NRW and also altering the combined impact numbers due to amendments to the bio-season definition, age-class apportioning and calculating annual impacts at Wicklow Head SPA. There is no change to the conclusion of the assessment following this change.	REP1-056.46, REP1056.75 and REP1066.52	n/a	E1.3 F02 16	See response to E1.4 F02 12
Table 1.22	Amendments to the collision and displacement impacts on northern gannet from Ailsa Craig SPA due to amendments to the bio-season definition, age-class apportioning and calculating annual impacts. There is no change to the conclusion of the assessment following this change. Amending displacement impacts on common guillemot due to amendments to age-class apportioning and calculating annual impacts from Ailsa Craig SPA. There is no change to the conclusion of the assessment following this change.	REP1-066.30	n/a	E1.3 F02 17	See response to E1.4 F02 12

Cross reference to where change has been made	Summary of change	Reason for change	Errata number	Change number	JNCC comment
Paragraph 1.5.3.59	Removed incorrect text.	To address discrepancies identified by the Applicant.	n/a	E1.3 F02 18	Noted
Table 1.24	Separating the displacement and collision impact on black-legged kittiwake due to a request from NRW and also altering the combined impact numbers due to amendments to the bio-season definition, age-class apportioning and calculating annual impacts at Flamborough and Filey Coast SPA. There is no change to the conclusion of the assessment following this change.	REP1-056.46, REP1056.75 and REP1066.52	n/a	E1.3 F02 19	See response to E1.4 F02 12
Table 1.25 and paragraph 1.5.3.65	Separating the displacement and collision impact on black-legged kittiwake due to a request from NRW and also altering the combined impact numbers due to amendments to the bio-season definition, age-class apportioning and calculating annual impacts at North Colonsay and Western Cliffs SPA. There is no change to the conclusion of the assessment following this change. Amending displacement impacts on common guillemot due to amendments to age-class apportioning and calculating annual impacts. There is no change to the conclusion of the assessment following this change.	REP1-056.46, REP1-056.75, REP1-066.52 for black-legged kittiwake and to address discrepancies identified by the Applicant for common guillemot.	n/a	E1.3 F02 20	See response to E1.4 F02 12
Table 1.26 and paragraphs 1.5.3.68 and 1.5.3.71	Removing the incorrect reference to ‘collision risk’ for Manx shearwater for Rum SPA. Collision risk was screened out (within the HRA Stage 1 Screening (E.1.4 F02), as the annual impact (before apportioning) was 0.0 birds. There is no change to the conclusion of the assessment following this change. Amending the displacement impact on Manx shearwater due to amendments to the bio-season definition, age-class apportioning and calculating annual	REP1-056.51 and to address discrepancies identified by the Applicant.	n/a	E1.3 F02 21	See response to E1.4 F02 12

Cross reference to where change has been made	Summary of change	Reason for change	Errata number	Change number	JNCC comment
	impacts. There is no change to the conclusion of the assessment following this change.				
Table 1.27 and paragraph 1.5.3.73	Separating the displacement and collision impact on black-legged kittiwake due to a request from NRW and altering the combined impact numbers due to amendments to the bio-season definition, age-class apportioning and calculating annual impacts at Fowlsheugh SPA. There is no change to the conclusion of the assessment following this change.	REP1-056.46, REP1056.75 and REP1066.52	n/a	E1.3 F02 22	See response to E1.4 F02 12
Table 1.28 and paragraph 1.5.3.77	Amending displacement impacts on razorbill and common guillemot due to amendments to age-class apportioning and calculating annual impacts from Mingulay and Berneray SPA. There is no change to the conclusion of the assessment following this change.	To address discrepancies identified by the Applicant.	n/a	E1.3 F02 23	See response to E1.4 F02 12
Table 1.29 and paragraph 1.5.3.81	Amending displacement impacts on common guillemot due to amendments to age-class apportioning and calculating annual impacts from Canna and Sanday SPA. There is no change to the conclusion of the assessment following this change.	To address discrepancies identified by the Applicant.	n/a	E1.3 F02 24	See response to E1.4 F02 12
Table 1.30 and paragraph 1.5.3.85	Amending the collision impact on great black-backed gull due to amendments to the bio-season definition, age-class apportioning and calculating annual impacts from Isles of Scilly SPA. There is no change to the conclusion of the assessment following this change.	REP1-066.33	n/a	E1.3 F02 25	See response to E1.4 F02 12
Table 1.31 and Table 1.32	Separating the displacement and collision impact on black-legged kittiwake due to a request from NRW and also altering the combined impact numbers due to amendments to the bio-season definition, age-class apportioning and calculating annual impacts at Buchan Ness to Collieston SPA (Table 1.31) and Troup, Pennan and Lion's Heads	REP1-056.46, REP1056.75 and REP1066.52	n/a	E1.3 F02 26	See response to E1.4 F02 12

Cross reference to where change has been made	Summary of change	Reason for change	Errata number	Change number	JNCC comment
	SPA (Table 1.32). There is no change to the conclusion of the assessment following this change.				
Table 1.33 and paragraph 1.5.3.97-99	Amending displacement impacts on razorbill due to amendments to age-class apportioning and calculating annual impacts from Shiant Isles SPA. There is no change to the conclusion of the assessment following this change. Inclusion of common guillemot due to amendments to age-class apportioning and calculating annual impacts.	To address discrepancies identified by the Applicant.	n/a	E1.3 F02 27	See response to E1.4 F02 12
Table 1.34 and paragraphs 1.5.3.100-103	Inclusion of Skelligs SPA due to amendments to the bio-season definition, age-class apportioning and calculating annual impacts for northern gannet.	To address discrepancies identified by the Applicant.	n/a	E1.3 F02 28	See response to E1.4 F02 12
Table 1.35	Separating the displacement and collision impact on black-legged kittiwake due to a request from NRW and also altering the combined impact numbers due to amendments to the bio-season definition, age-class apportioning and calculating annual impacts at East Caithness Cliffs SPA. There is no change to the conclusion of the assessment following this change.	REP1-056.46, REP1056.75 and REP1066.52	n/a	E1.3 F02 29	See response to E1.4 F02 12
Paragraph 1.5.3.107	Removed incorrect text.	To address discrepancies identified by the Applicant.	n/a	E1.3 F02 30	Noted
Table 1.36, paragraph 1.5.3.109	Amending displacement impacts on common guillemot due to amendments to age-class apportioning and calculating annual impacts from Handa SPA. There is no change to the conclusion of the assessment following this change.	To address discrepancies identified by the Applicant.	n/a	E1.3 F02 31	See response to E1.4 F02 12

Cross reference to where change has been made	Summary of change	Reason for change	Errata number	Change number	JNCC comment
Paragraph 1.5.3.111	Removed incorrect text.	To address discrepancies identified by the Applicant.	n/a	E1.3 F02 32	Noted
Table 1.37 and paragraph 1.5.3.113	Amending displacement impacts on common guillemot due to amendments to age-class apportioning and calculating annual impacts from St Kilda SPA. There is no change to the conclusion of the assessment following this change. Amendments to the collision and displacement impacts on northern gannet are due to amendments to the bio-season definition, age-class apportioning, and annual impact calculations. There is no change to the conclusion of the assessment following this change.	To address discrepancies identified by the Applicant for common guillemot and REP1-066.30 for northern gannet.	n/a	E1.3 F02 33	See response to E1.4 F02 12
Paragraph 1.5.3.115	Removed incorrect text.	To address discrepancies identified by the Applicant.	n/a	E1.3 F02 34	Noted
Table 1.38 and paragraph 1.5.3.117	Separating the displacement and collision impact on black-legged kittiwake due to a request from NRW and altering the combined impact numbers due to amendments to the bio-season definition, age-class apportioning and calculating annual impacts at Cape Wrath SPA. There is no change to the conclusion of the assessment following this change. Amending displacement impacts on common guillemot due to amendments to age-class apportioning and calculating annual impacts. There is no change to the conclusion of the assessment following this change.	REP1-056.46, REP1056.75 and REP1066.52	n/a	E1.3 F02 35	See response to E1.4 F02 12

Cross reference to where change has been made	Summary of change	Reason for change	Errata number	Change number	JNCC comment
Table 1.39 and paragraph 1.5.3.121	Amending displacement impacts on common guillemot due to amendments to age-class apportioning and calculating annual impacts from Flannan Isles SPA. There is no change to the conclusion of the assessment following this change.	To address discrepancies identified by the Applicant.	n/a	E1.3 F02 36	See response to E1.4 F02 12
Table 1.40 and paragraph 1.5.3.125	Separating the displacement and collision impact on black-legged kittiwake due to a request from NRW and altering the combined impact numbers due to amendments to the bio-season definition, age-class apportioning and calculating annual impacts at North Caithness Cliffs SPA. There is no change to the conclusion of the assessment following this change.	REP1-056.46, REP1056.75 and REP1066.52	n/a	E1.3 F02 37	See response to E1.4 F02 12
Table 1.41 and paragraph 1.5.3.129	Amending displacement impacts on common guillemot due to amendments to age-class apportioning and calculating annual impacts from Sule Skerry and Sule Stack SPA. There is no change to the conclusion of the assessment following this change.	To address discrepancies identified by the Applicant.	n/a	E1.3 F02 38	See response to E1.4 F02 12
Table 1.42 and paragraph 1.5.3.133	Amending displacement impacts on common guillemot due to amendments to age-class apportioning and calculating annual impacts from North Rona and Sula Sgeir SPA. There is no change to the conclusion of the assessment following this change.	To address discrepancies identified by the Applicant.	n/a	E1.3 F02 39	See response to E1.4 F02 12
Table 1.43	Separating the displacement and collision impact on black-legged kittiwake due to a request from NRW and altering the combined impact numbers due to amendments to the bio-season definition, age-class apportioning and calculating annual impacts at West Westray SPA. There is no change to the conclusion of the assessment following this change.	REP1-056.46, REP1056.75 and REP1066.52	n/a	E1.3 F02 40	See response to E1.4 F02 12

Cross reference to where change has been made	Summary of change	Reason for change	Errata number	Change number	JNCC comment
Throughout section 1.5.4	Corrected ‘projects’ to ‘plans and projects’ within the in-combination assessment.	To address discrepancies identified by the Applicant.	n/a	E1.3 F02 41	Noted
Table 1.44	Following amendments to the bio-season, age-class apportioning the impact from the Mona Offshore Wind Project has been changed from 0.06 birds to 0.09 for the species-specific avoidance rate and from, 0.4 to 0.64 for the species-group avoidance rate at Isles of Scilly SPA. This in turn changes the total predicted mortalities and increase in baseline mortality (also changed in paragraph 1.5.4.4).	REP1-056.46, REP1056.75 and REP1066.52	n/a	E1.3 F02 42	See response to E1.4 F02 12
Tables 1.45 to 1.47	Following the recalculation of the predicted impacts on black-legged kittiwake for Lambay Island SPA, Irelands Eye SPA and Howth Head Coast SPA, the three SPAs needed to be considered within the in-combination assessments (Section 1.5.4). Following the presentation of the in-combination assessment, all of the impacts were predicted to be <1% and, therefore, not taken through to Stage 2 (Section 1.6). There is no change to the conclusion of the assessment following these changes.	REP1-056.46, REP1056.75 and REP1066.52	n/a	E1.3 F02 43	See response to E1.4 F02 12
Paragraph 1.5.5.1	Updated the number of SPAs included in the integrity test: Step 1 from 32 to 35.	To address discrepancies identified by the Applicant.	n/a	E1.3 F02 44	See response to E1.4 F02 12
Paragraphs 1.6.4.22 to 1.6.4.26 and Table 1.68	Amending the PVA outputs for great black-backed gull from the Isles of Scilly SPA due to changes in impacts - see change numbers E1.3 F02 24 and E1.3 F02 42. There is no change to the conclusion of the assessment following these changes.	See change E1.3 F02 25	n/a	E1.3 F02 45	See response to E1.4 F02 12

Cross reference to where change has been made	Summary of change	Reason for change	Errata number	Change number	JNCC comment
	This amendment removed the need for two paragraphs. Therefore, paragraph 1.6.4.25 of HRA Stage 2 Information to Support an Appropriate Assessment Part Three: Special Protection Areas and Ramsar sites Assessments (APP033) has been removed.				
Table 1.70	Table 1.70 has been amended in multiple ways due to the changes identified above. Please see above for points relating to each specific SPA. Scientific names have been removed from Table 1.70 due to having already been presented within the document once.	To address discrepancies identified by the Applicant.	n/a	E1.3 F02 46	See response to E1.4 F02 12
Appendix A	Due to the in-combination impacts on great black-backed gull from Isles of Scilly SPA, the input parameters and outputs of the PVA have been updated in Appendix A.	See change E1.3 F02 25	n/a	E1.3 F02 47	See response to E1.4 F02 12

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Cross reference to where change has been made	Summary of change	Reason for change	Errata number	Change number	JNCC comment
Table 1.1	Inclusion of three additional SPAs, their relevant qualifying features and the impacts considered, specifically Morecambe Bay and Duddon Estuary SPA, Wicklow Head SPA and Skelligs SPA. This was due to amendments to the bio-season definition, age-class apportioning, and annual impact calculations. Inclusion of lesser black-backed gull and black-legged kittiwake for Skomer, Skokholm and the Seas off Pembrokeshire/Sgomer, Sgogwm a Moroedd Penfro SPA following recalculations of impacts. This also amended the	To address discrepancies identified by the Applicant and the SNCBs. Multiple Written and Relevant Representation responses. See specific points below.	n/a	E.5 F02 1	Noted See response to E1.4 F02 12

Cross reference to where change has been made	Summary of change	Reason for change	Errata number	Change number	JNCC comment
	impacts considered. Correction of the relevant qualifying feature of Canna and Sanday SPA from black-legged kittiwake to common guillemot. This also amended the impacts considered. Inclusion of common guillemot as a relevant qualifying feature of Shiant Isles SPA. Removal of construction/decommissioning phase from Skomer, Skokholm and the Seas off Pembrokeshire/Sgomer, Sgogwm a Moroedd Penfro SPA and Ireland's Eye SPA, as previously screened out. Correction that great black-backed gull are considered in the non-breeding season only for the Isles of Scilly SPA. There is no change to the conclusion of the assessment following these changes.				
Bullet a under table 1.30	Amending the collision impacts on lesser black-backed gull from Ribble and Alt Estuaries SPA and Ramsar site due to amendments to the bio-season definition, age-class apportioning and calculating annual impacts. There is no change to the conclusion of the assessment following this change.	REP1-066.34	n/a	E.5 F02 2	See response to E1.4 F02 12
Table 1.31 and bullets a and b below	Removing the incorrect reference to 'collision risk' for Manx shearwater. Collision risk was screened out (within the HRA Stage 1 Screening (E.1.4 F02), as the annual impact (before apportioning) was 0.0 birds. There is no change to the conclusion of the assessment following this change. Amending the displacement impact on Manx shearwater due to amendments to the bio-season definition, age-class apportioning and calculating annual impacts. There is no	To address discrepancies identified by the Applicant.	n/a	E.5 F02 3	See response to E1.4 F02 12

Cross reference to where change has been made	Summary of change	Reason for change	Errata number	Change number	JNCC comment
	change to the conclusion of the assessment following this change.				
Table 1.32 and bullets a and b below	Inclusion of Morecambe Bay and Duddon Estuary SPA following amendments to the bio-season definition, age-class apportioning and calculating annual impacts for lesser black-backed gull.	REP1-066.34	n/a	E.5 F02 4	See response to E1.4 F02 12
Table 1.33 and bullet a below	Amending the collision impacts on lesser black-backed gull from Bowland Fells SPA due to amendments to the bio-season definition, age-class apportioning and calculating annual impacts. There is no change to the conclusion of the assessment following this change.	REP1-066.34	n/a	E.5 F02 5	See response to E1.4 F02 12
Table 1.34 and bullet a and b below	Removing the incorrect reference to 'collision risk' for Manx shearwater from Glannau Aberdaron ac Ynys Enlli/Aberdaron Coast and Bardsey Island SPA. Collision risk was screened out (within the HRA Stage 1 Screening (E.1.4 F02), as the annual impact (before apportioning) was 0.0 birds. There is no change to the conclusion of the assessment following this change. Amending the displacement impact on Manx shearwater due to amendments to the bio-season definition, age-class apportioning and calculating annual impacts. There is no change to the conclusion of the assessment following this change.	REP1-056.51 and to address discrepancies identified by the Applicant.	n/a	E.5 F02 6	See response to E1.4 F02 12
Table 1.35, Table 1.36 and 1.37 and bullet a, b and c below	Separating the displacement and collision impact on black-legged kittiwake from Lambay Island SPA (Table 1.35), Howth Head Coast SPA (Table 1.36) and Ireland's Eye SPA (Table 1.37) due to a request from NRW and also altering the combined impact numbers due to amendments to the bio-season definition, age-class apportioning and calculating annual impacts. Due to these changes, the site	REP1-056.46, REP1056.75 and REP1066.52	n/a	E.5 F02 7	See response to E1.4 F02 12

Cross reference to where change has been made	Summary of change	Reason for change	Errata number	Change number	JNCC comment
	is taken through an in-combination assessment (section 1.5.4 of HRA Stage 2). The in-combination assessment was undertaken for this site, and the text amended for bullet c.				
Table 1.38 and bullets a and b below	Removing the incorrect reference to 'collision risk' for Manx shearwater from Copeland Islands SPA. Collision risk was screened out (within the HRA Stage 1 Screening (E.1.4 F02), as the annual impact (before apportioning) was 0.0 birds. There is no change to the conclusion of the assessment following this change. Amending the displacement impact on Manx shearwater due to amendments to the bio-season definition, age-class apportioning and calculating annual impacts. There is no change to the conclusion of the assessment following this change.	To address discrepancies identified by the Applicant.	n/a	E.5 F02 8	See response to E1.4 F02 12
Table 1.39 and bullets a and b below	Separating the displacement and collision impact on black-legged kittiwake from Rathlin Island SPA due to a request from NRW and also altering the combined impact numbers due to amendments to the bio-season definition, age-class apportioning and calculating annual impacts. There is no change to the conclusion of the assessment following this change. Amending displacement impacts on razorbill and common guillemot due to amendments to age-class apportioning and calculating annual impacts. There is no change to the conclusion of the assessment following this change.	REP1-056.46, REP1056.75 and REP1066.52.	n/a	E.5 F02 9	See response to E1.4 F02 12
Table 1.40 and bullets a and b below.	Amendments to the species considered for Skomer, Skokholm and the Seas off Pembrokeshire/Sgomer, Sgogwm a Moroedd Penfro SPA – see change number E.5 F02 1.	REP1-056.73 and REP1-066.78	n/a	E.5 F02 10	See response to E1.4 F02 12

Cross reference to where change has been made	Summary of change	Reason for change	Errata number	Change number	JNCC comment
	Amendments to the impacts of all species considered due to amendments to the bio-season definition, age-class apportioning and annual impact calculations. There is no change to the conclusion of the assessment following this change.				
Bullet b under Table 1.41	Amendments to the collision and displacement impacts on northern gannet from Grassholm SPA due to amendments to the bio-season definition, age-class apportioning and calculating annual impacts. There is no change to the conclusion of the assessment following this change.	REP1-066.30	n/a	E.5 F02 11	See response to E1.4 F02 12
Table 1.42 and bullet a, b and c below.	Inclusion of Wicklow Head SPA following amendments to the bio-season definition, age-class apportioning and calculating annual impacts for blacklegged kittiwake.	REP1-056.46, REP1056.75 and REP1066.52	n/a	E.5 F02 12	See response to E1.4 F02 12
Bullet a and b under Table 1.43	Amendments to the collision and displacement impacts on northern gannet from Ailsa Craig SPA due to amendments to the bio-season definition, age-class apportioning and calculating annual impacts. There is no change to the conclusion of the assessment following this change. Amending displacement impacts on common guillemot from Ailsa Craig SPA due to amendments to age-class apportioning and calculating annual impacts. There is no change to the conclusion of the assessment following this change.	REP1-066.30	n/a	E.5 F02 13	See response to E1.4 F02 12
Bullet a and b under Table 1.45	Separating the displacement and collision impact on black-legged kittiwake from Flamborough and Filey Coast SPA due to a request from NRW and also altering the combined impact numbers due to amendments to the bio-season definition, age-class apportioning and calculating annual impacts. There is no change to the conclusion of the assessment following this change.	REP1-056.46, REP1056.75 and REP1066.52	n/a	E.5 F02 14	See response to E1.4 F02 12

Cross reference to where change has been made	Summary of change	Reason for change	Errata number	Change number	JNCC comment
Bullet a and b under Table 1.46	Separating the displacement and collision impact on black-legged kittiwake from North Colonosay and Western Cliffs SPA due to a request from NRW and also altering the combined impact numbers due to amendments to the bio-season definition, age-class apportioning and calculating annual impacts. There is no change to the conclusion of the assessment following this change. Amending displacement impacts on common guillemot due to amendments to age-class apportioning and calculating annual impacts. There is no change to the conclusion of the assessment following this change.	REP1-056.46, REP1-056.75, REP1-066.52 for black-legged kittiwake and to address discrepancies identified by the Applicant for common guillemot.	n/a	E.5 F02 15	See response to E1.4 F02 12
Table 1.47 and bullet a and b below	Removing the incorrect reference to 'collision risk' for Manx shearwater from Rum SPA. Collision risk was screened out (within the HRA Stage 1 Screening (E.1.4 F02), as the annual impact (before apportioning) was 0.0 birds. There is no change to the conclusion of the assessment following this change. Amending the displacement impact on Manx shearwater due to amendments to the bio-season definition, age-class apportioning and calculating annual impacts. There is no change to the conclusion of the assessment following this change.	REP1-056.51 and to address discrepancies identified by the Applicant.	n/a	E.5 F02 16	See response to E1.4 F02 12
Bullet a and b under Table 1.48	Separating the displacement and collision impact on black-legged kittiwake from Fowlsheugh SPA due to a request from NRW and altering the combined impact numbers due to amendments to the bio-season definition, age-class apportioning and calculating annual impacts. There is no change to the conclusion of the assessment following this change.	REP1-056.46, REP1056.75 and REP1066.52	n/a	E.5 F02 17	See response to E1.4 F02 12
Bullet a under Table 1.49	Amending displacement impacts on razorbill and common guillemot from Mingulay and Berneray SPA due to	To address discrepancies	n/a	E.5 F02 18	See response to E1.4 F02 12

Cross reference to where change has been made	Summary of change	Reason for change	Errata number	Change number	JNCC comment
	amendments to age-class apportioning and calculating annual impacts. There is no change to the conclusion of the assessment following this change.	identified by the Applicant.			
Table 1.50 and bullets a and b below	Corrected distance between the Isles of Silly SPA and the Mona Array Area and Mona Offshore Cable Corridor. Amending the collision impact on great black-backed gull due to amendments to the bio-season definition, age-class apportioning and calculating annual impacts. The PVA was also rerun, which led to amendments. There is no change to the conclusion of the assessment following this change.	REP1-066.33	n/a	E.5 F02 19	See response to E1.4 F02 12
Table 1.51 and bullet a and b below	Correcting the qualifying feature from black-legged kittiwake to common guillemot at Canna and Sanday SPA changed the impacts considered and the predicted numbers. There is no change to the conclusion of the assessment following this change.	To address discrepancies identified by the Applicant.	n/a	E.5 F02 20	See response to E1.4 F02 12
Bullet b below Table 1.52	Separating the displacement and collision impact on black-legged kittiwake from Buchan Ness and Collieston SPA due to a request from NRW and also altering the combined impact numbers due to amendments to the bio-season definition, age-class apportioning and calculating annual impacts. There is no change to the conclusion of the assessment following this change.	REP1-056.46, REP1056.75 and REP1066.52	n/a	E.5 F02 21	See response to E1.4 F02 12
Bullet b below Table 1.53	Separating the displacement and collision impact on black-legged kittiwake from Troup, Pennan and Lions Heads SPA due to a request from NRW and also altering the combined impact numbers due to amendments to the bio-season definition, age-class apportioning and calculating annual impacts. There is no change to the conclusion of the assessment following this change.	REP1-056.46, REP1056.75 and REP1066.52	n/a	E.5 F02 22	See response to E1.4 F02 12

Cross reference to where change has been made	Summary of change	Reason for change	Errata number	Change number	JNCC comment
Table 1.54 and bullets a and b below	Amending displacement impacts on razorbill from Shiant Isles SPA due to amendments to age-class apportioning and calculating annual impacts. There is no change to the conclusion of the assessment following this change. Inclusion of common guillemot due to amendments to age-class apportioning and calculating annual impacts.	To address discrepancies identified by the Applicant.	n/a	E.5 F02 23	See response to E1.4 F02 12
Table 1.55 and bullets a, b and c below	Inclusion of Skelligs SPA due to amendments to the bio-season definition, age-class apportioning and calculating annual impacts for northern gannet.	To address discrepancies identified by the Applicant.	n/a	E.5 F02 24	See response to E1.4 F02 12
Bullet a and b below table 1.56	Separating the displacement and collision impact on black-legged kittiwake from East Caithness Cliffs SPA due to a request from NRW and altering the combined impact numbers due to amendments to the bio-season definition, age-class apportioning and calculating annual impacts. There is no change to the conclusion of the assessment following this change.	REP1-056.46, REP1056.75 and REP1066.52	n/a	E.5 F02 25	See response to E1.4 F02 12
Bullet a below Table 1.57	Amending displacement impacts on common guillemot from Handa SPA due to amendments to age-class apportioning and calculating annual impacts. There is no change to the conclusion of the assessment following this change.	To address discrepancies identified by the Applicant.	n/a	E.5 F02 26	See response to E1.4 F02 12
Bullet a and b below Table 1.58	Amending displacement impacts on common guillemot from St Kilda SPA due to amendments to age-class apportioning and calculating annual impacts. There is no change to the conclusion of the assessment following this change. Amendments to the collision and displacement impacts on northern gannet from St Kilda SPA due to amendments to the bio-season definition, age-class apportioning and calculating annual impacts. There is no	To address discrepancies identified by the Applicant for common guillemot and REP1-066.30 for northern gannet.	n/a	E.5 F02 27	See response to E1.4 F02 12

Cross reference to where change has been made	Summary of change	Reason for change	Errata number	Change number	JNCC comment
	change to the conclusion of the assessment following this change.				
Bullet a and c below Table 1.59	Separating the displacement and collision impact on black-legged kittiwake from Cape Wrath SPA due to a request from NRW and altering the combined impact numbers due to amendments to the bio-season definition, age-class apportioning and calculating annual impacts. There is no change to the conclusion of the assessment following this change. Amending displacement impacts on common guillemot from Cape Wrath SPA due to amendments to age-class apportioning and calculating annual impacts. There is no change to the conclusion of the assessment following this change.	REP1-056.46, REP1056.75 and REP1066.52	n/a	E.5 F02 28	See response to E1.4 F02 12
Bullet a below Table 1.60	Amending displacement impacts on common guillemot from Flannan Isles SPA due to amendments to age-class apportioning and calculating annual impacts. There is no change to the conclusion of the assessment following this change.	To address discrepancies identified by the Applicant.	n/a	E.5 F02 29	See response to E1.4 F02 12
Bullet a and b below Table 1.61	Separating the displacement and collision impact on black-legged kittiwake from North Caithness Cliffs SPA due to a request from NRW and altering the combined impact numbers due to amendments to the bio-season definition, age-class apportioning and calculating annual impacts. There is no change to the conclusion of the assessment following this change.	REP1-056.46, REP1056.75 and REP1066.52	n/a	E.5 F02 30	See response to E1.4 F02 12
Bullet a Table 1.62	Amending displacement impacts on common guillemot from Sule Skerry and Sule Stack SPA due to amendments to age-class apportioning and calculating annual impacts. There is no change to the conclusion of the assessment	To address discrepancies identified by the	n/a	E.5 F02 31	See response to E1.4 F02 12

Cross reference to where change has been made	Summary of change	Reason for change	Errata number	Change number	JNCC comment
	following this change.	Applicant.			
Bullet a Table 1.63	Amending displacement impacts on common guillemot from North Rona and Sula Sgeir SPA due to amendments to age-class apportioning and calculating annual impacts. There is no change to the conclusion of the assessment following this change.	To address discrepancies identified by the Applicant.	n/a	E.5 F02 32	See response to E1.4 F02 12
Bullet a and b below Table 1.64	Separating the displacement and collision impact on black-legged kittiwake from West Westray SPA due to a request from NRW and altering the combined impact numbers due to amendments to the bio-season definition, age-class apportioning and calculating annual impacts. There is no change to the conclusion of the assessment following this change.	REP1-056.46, REP1056.75 and REP1066.52	n/a	E.5 F02 33	See response to E1.4 F02 12

Appendix: Response to change number F6.5.5 F02 13

For ease of reading, we insert JNCC's response to Volume 6, Annex 5.5: Offshore ornithology apportioning technical report, Cross reference to where change has been made Paragraph 1.3.5.1 and 1.3.5.2, Change number F6.5.5 F02 13, below.

> We thank the Applicant for the clarification. However, there appears to be some irregularity in the description of the approach to apportioning impacts to colonies in the non-breeding season.
>
> In the Applicant's response to Relevant Reps (RR-033.25, PDA-008) it is stated that the contribution of adult birds from an individual designated site to the relevant Biologically Defined Minimum Population Scale (BDMPS) population for each species/season combination is divided by the total BDMPS population. This read as though it has been calculated by dividing the number of adult birds from a colony by the number of all birds within the BDMPS. We agree with the Applicant's approach as we understood it in our

comments of responses to Relevant Reps (RR-033.26, REP2-097). Note the Applicant's response to Relevant Reps RR-033.26 was actually answered in RR-033.25.

However, here (REP1-066.54, REP2-081) the Applicant states that it has been calculated by dividing the number of adult birds from a colony by the number of adult birds within the BDMPS.

We reiterate that our approach to apportioning impacts to colonies in the non-breeding season is undertaken based on the proportion of the SPA adult birds across the BDMPS total of birds of all ages for each relevant non-breeding BDMPS season using the information in the tables in Appendix A of Furness (2015).

However, we note that the Applicant's approach of calculating the proportion of adults at the colony as a proportion of the total adults in the BDMPS does mean that a higher apportionment value for a designated site is calculated, which can be considered precautionary.

Given the very small predicted impacts from the Mona project alone, we note that if the standard advised approach to age classes and apportioning to designated sites in the non breeding season was used instead of the Applicant's approach it would not alter the conclusions regarding levels of significance of impact from the project alone in this instance. However, for other projects with larger predicted impacts, taking the Applicant's potentially overly precautionary approach may result in different conclusions. Therefore, we would not advise the Applicant's approach is followed for other projects and maintain that our preferred approach is to follow the standard approach taken by other projects.