

Addendum to the
Environmental Impact
Assessment Report

NISA
North Irish Sea Array

Volume 10 - Onshore Appendices

Appendix A23.7

Wintering Waterbird Survey Results 2023- 2024



Appendix A23.7 Wintering Waterbird Survey Results 2023-24

Table 1 - Monthly high and low tide wintering waterbird counts undertaken at Malahide Estuary in winter 2023-24

Common name	BoCCI 2020-2026	EU	High tide counts			Low tide counts				
			30 Oct 2023	12 Dec 2023	22 Feb 2024	21 Nov 2023	05 Jan 2024	06 Jan 2024	18 Mar 2024	19 Mar 2024
Bar-tailed godwit	Red ^{Win.}	I			38					
Black-tailed godwit	Red ^{Win.}		18		98			73		
Curlew	Red ^{Br. & Win.}				1					16
Dunlin	Red ^{Br. & Win.}	I			226			15		
Golden plover	Red ^{Br. & Win.}	I								78
Goldeneye	Red ^{Win.}		3			25		26		
Lapwing	Red ^{Br. & Win.}		376		134					
Oystercatcher	Red ^{Br. & Win.}		13	38	17			53		5
Redshank	Red ^{Br. & Win.}		6		90			9		1
Scaup (Greater)	Red ^{Win.}					1		1		
Teal	Amber ^{Br. & Win.}		22		78					
Turnstone	Amber ^{Win.}		1	2	1			2		
Black-headed gull	Amber ^{Br. & Win.}			7	399			45		
Brent goose	Amber ^{Win.}		55	343	512	250		182		79
Common gull	Amber ^{Br. & Win.}		29	1	23			7		
Cormorant	Amber ^{Br. & Win.}		55	8		42		40		
Great crested grebe	Amber ^{Br. & Win.}					39		8		
Herring gull	Amber ^{Br. & Win.}		80	101	187			2		42
Mallard	Amber ^{Br. & Win.}		59		99			22		1

Common name	BoCCI 2020-2026	EU	High tide counts			Low tide counts				
			30 Oct 2023	12 Dec 2023	22 Feb 2024	21 Nov 2023	05 Jan 2024	06 Jan 2024	18 Mar 2024	19 Mar 2024
Mute swan	Amber ^{Br. & Win}		31		22			16		
Red-breasted merganser	Amber ^{Br. & Win}		2		1	34		19		
Shag	Amber ^{Br.}			4						
Mediterranean gull	Amber ^{Br.}	I		2						
Great black-backed gull	Green		11		21			5		36
Greenshank	Green							3		
Grey heron	Green		7	1	6			4		5
Little egret	Green	I	6	1	7			1		
Little grebe	Green					42		38		
Moorhen	Green			2						

Table 2 - Monthly high and low tide wintering waterbird counts undertaken at Blake's Cross North and South in winter 2023-24

Common name	BoCCI 2020-2026	EU	High tide counts			Low tide counts				
			30 Oct 2023	12 Dec 2023	22 Feb 2024	21 Nov 2023	05 Jan 2024	06 Jan 2024	18 Mar 2024	19 Mar 2024
Black-tailed godwit	Red ^{Win.}					13	1			
Grey plover	Red ^{Win.}									9
Oystercatcher	Red ^{Br. & Win.}					81				6
Redshank	Red ^{Br. & Win.}					10				7
Turnstone	Amber ^{Win.}					2				
Black-headed gull	Amber ^{Br. & Win}						2			

Common name	BoCCI 2020-2026	EU	High tide counts			Low tide counts				
			30 Oct 2023	12 Dec 2023	22 Feb 2024	21 Nov 2023	05 Jan 2024	06 Jan 2024	18 Mar 2024	19 Mar 2024
Redshank	Red ^{Br. & Win.}		20	28	20		15		17	
Snipe	Red ^{Br. & Win.}						11			
Kittiwake	Red ^{Br.}				118		2			
Teal	Amber ^{Br. & Win}		22	96						
Turnstone	Amber ^{Win.}		23	48	2		1		54	
Black guillemot (Tystie)	Amber ^{Br.}						811			1
Black-headed gull	Amber ^{Br. & Win}		93	374			52		15	
Brent goose	Amber ^{Win.}		91	179	64					
Common gull	Amber ^{Br. & Win.}		11	91	95	7	195		5	
Cormorant	Amber ^{Br. & Win.}						19		18	
Great crested grebe	Amber ^{Br. & Win.}		23		64		15			
Guillemot (Common)	Amber ^{Br.}				3					
Herring gull	Amber ^{Br. & Win}		49	265	740	41	11		15	
Mallard	Amber ^{Br. & Win}		15	52		39				
Mute swan	Amber ^{Br. & Win}		82			12				
Red-breasted merganser	Amber ^{Br. & Win}		22		1					
Red-throated diver	Amber ^{Br. & Win}	I			30		18			
Ringed plover	Amber ^{Br. & Win}						9			
Shag	Amber ^{Br.}				3		2			5
Great black-backed gull	Green		4	71	5	4	4		1	

Common name	BoCCI 2020-2026	EU	High tide counts			Low tide counts				
			30 Oct 2023	12 Dec 2023	22 Feb 2024	21 Nov 2023	05 Jan 2024	06 Jan 2024	18 Mar 2024	19 Mar 2024
Greenshank	Green		4	3	2		4		13	
Grey heron	Green		2	3	3		2		26	
Little egret	Green	I	5				1			
Little grebe	Green		12							
Moorhen	Green		2							

Table 4 - Monthly wintering waterbird peak counts at the Landfall site and Malahide Estuary at high tide (HT) and low tide (LT)

Common name	BoCCI 2020-2026	EU ¹	Oct-23	Nov-23	Dec-23	Jan-24	Feb-23	Mar-24	Oct-23	Nov-23	Dec-23	Jan-24	Feb-23	Mar-24
			Landfall						Malahide Estuary					
Bar-tailed godwit	Red ^{Win.}	I	-	-	-	-	-	3 (LT)	-	-	-	-	38 (HT)	-
Black-tailed godwit	Red ^{Win.}		-	-	-	533 (LT)	-	-	-	-	-	-	98 (HT)	-
Curlew	Red ^{Br. & Win.}		-	-	-	-	-	91 (LT)	-	-	-	-	-	16 (LT)
Dunlin	Red ^{Br. & Win.}	I	-	-	-	-	-	30 (LT)	-	-	-	-	226 (HT)	-
Golden plover	Red ^{Br. & Win.}	I	-	-	119 (HT)	-	-	-	-	-	-	-	-	78 (LT)
Goldeneye	Red ^{Win.}		-	-	-	-	-	-	-	-	-	26 (LT)	-	-
Lapwing	Red ^{Br. & Win.}		-	-	130 (HT)	-	-	-	376 (HT)	-	-	-	-	-
Grey plover	Red ^{Win.}		-	-	-	-	-	16 (LT)	-	-	-	-	-	-

Common name	BoCCI 2020-2026	EU ¹	Oct-23	Nov-23	Dec-23	Jan-24	Feb-23	Mar-24	Oct-23	Nov-23	Dec-23	Jan-24	Feb-23	Mar-24
			Landfall						Malahide Estuary					
Oystercatcher	Red ^{Br. & Win.}		136 (HT)	-	-	-	-	-	-	-	-	53 (LT)	-	-
Snipe	Red ^{Br. & Win.}		-	-	-	11 (LT)	-	-	-	-	-	-	-	-
Kittiwake	Red ^{Br.}		-	-	-	-	118 (HT)	-	-	-	-	-	-	-
Purple Sandpiper	Red ^{Win.}		-	-	-	-	-	3 (LT)	-	-	-	-	-	-
Redshank	Red ^{Br. & Win.}		-	-	28 (HT)	-	-	-	-	-	-	-	90 (HT)	-
Scaup (Greater)	Red ^{Win.}		-	-	-	-	-	-	-	1 (LT)	-	1 (HT)	-	-
Teal	Amber ^{Br. & Win.}		-	-	96 (HT)	-	-	-	-	-	-	-	78 (HT)	-
Black guillemot (Tystie)	Amber ^{Br.}		-	-	-	811 (LT)	-	-	-	-	-	-	-	-
Turnstone	Amber ^{Win.}		-	-	-	-	-	54 (LT)	-	-	2 (HT)	2 (LT)	-	-
Black-headed gull	Amber ^{Br. & Win.}		-	-	374 (HT)	-	-	-	-	-	-	-	399 (HT)	-
Brent goose	Amber ^{Win.}		-	-	179 (HT)	-	-	-	-	-	-	-	512 (HT)	-
Common gull	Amber ^{Br. & Win.}		-	-	-	195 (LT)	-	-	29 (HT)	-	-	-	-	-
Cormorant	Amber ^{Br. & Win.}		-	-	-	19 (LT)	-	-	55 (HT)	-	-	-	-	-
Great crested grebe	Amber ^{Br. & Win.}		-	-	-	-	64 (HT)	-	-	39 (LT)	-	-	-	-

Common name	BoCCI 2020-2026	EU ¹	Oct-23	Nov-23	Dec-23	Jan-24	Feb-23	Mar-24	Oct-23	Nov-23	Dec-23	Jan-24	Feb-23	Mar-24
			Landfall						Malahide Estuary					
Guillemot (Common)	Amber ^{Br.}		-	-	-	-	3 (HT)	-	-	-	-	-	-	-
Herring gull	Amber ^{Br. & Win}		-	-	-	-	740 (HT)	-	-	-	-	-	187 (HT)	-
Mallard	Amber ^{Br. & Win}		-	-	52 (HT)	-	-	-	-	-	-	-	99 (HT)	-
Mute swan	Amber ^{Br. & Win}		82 (HT)	-	-	-	-	-	31 (HT)	-	-	-	-	-
Red-breasted merganser	Amber ^{Br. & Win}		22 (HT)	-	-	-	-	-	-	34 (LT)	-	-	-	-
Red-throated diver	Amber ^{Br. & Win}	I	-	-	-	-	30 (HT)	-	-	-	-	-	-	-
Ringed plover	Amber ^{Br.}		-	-	-	9 (LT)	-	-	-	-	-	-	-	-
Shag	Amber ^{Br.}		-	-	-	-	-	5 (LT)	-	-	4 (HT)	-	-	-
Mediterranean gull	Amber ^{Br.}	I	-	-	-	-	-	-	-	-	2 (HT)	-	-	-
Great black-backed gull	Green		-	-	71 (HT)	-	-	-	-	-	-	-	-	36 (LT)
Greenshank	Green		-	-	-	-	-	13 (LT)	-	-	-	3 (LT)	-	-
Grey heron	Green		-	-	-	-	-	26 (LT)	7 (HT)	-	-	-	-	-
Little egret	Green	I	5 (HT)	-	-	-	-	-	-	-	-	7 (HT)	-	-
Little grebe	Green		12 (HT)	-	-	-	-	-	-	42 (LT)	-	-	-	-
Moorhen	Green		2 (HT)	-	-	-	-	-	-	-	2 (HT)	-	-	-