

Colour-ringed Mediterranean Gulls at Folkestone 1998-2002

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Abstract

The growing population of Mediterranean Gulls at Folkestone has been monitored over the last 20 years. Many of the birds wear coloured leg rings, bearing a unique code, which can be read in the field. This paper describes three main strategies used by the birds visiting the area, and their movements thereafter. The 10 tables in the appendix give the different histories for the Mediterranean Gulls, based on 165 individual gulls.

Brief History

Mediterranean Gulls (hereafter called "Med Gulls") have wintered at Folkestone from 1977-78, in which winter there were four. In 1979-80 there were eight. By 1990-91 there were around 50. In 1998 the spring/autumn figures were 100/130 and in 2001 200/250, an approximate doubling in three years. In the Dutch/Belgian "delta area" of the Rhine/Meuse/ Schelde, breeding pairs of Med Gulls in 1980 were 10, in 1990 around 110, by 1998 there were 685 (Meinger & Flamant 1999).

The present northwest European colour-ringing schemes for Med Gulls were started in the Netherlands in 1990, using white ciphered colour-rings (Meininger 1999). By 1994, schemes were covering Belgium (using white rings), Pas de Calais, France (green), Germany (blue), Hungary (red) and the Ukraine (black). By 1997, England was added (yellow). Belgium and Germany now use green rings (with identifying cipher patterns).

Method

The writer, having monitored Med Gulls at Folkestone from 1980, decided to ascertain arrival and departure dates of individual colour-ringed Med Gulls from 13th July 1998. The Copt Point site at Folkestone was/is ideal for this purpose, being an afternoon collection point and dense night roost.

Visits to the site were made, initially once a week, then about every four days, but increased during times of bad weather, such as high winds and/or rain. To start with a 10x50 monocular was used, then a 28x telescope, and bread was used to attract birds. Observing distances were 30-80 metres for the 50% of birds "not interested in bread", and down to one metre for the 5% of "confiding birds" (when bread is on offer). The writer felt that certain birds recognized him and did not flush, resulting in the whole population present not flushing.

Summarised data

The tables in the Appendix are based on the 165 colour-ringed birds present in the four years to March 31st 2002, with the addition of information for the next year for *those* birds. The sightings were advised to the NW European database holders and the bird histories supplied by them have, with their permission, been assembled into those 10 tables.

In creating the tables, birds have been classed firstly as "sample birds" then as "Folkestone birds". Sample birds are those colour-ringed in a breeding area; it was realized that non-breeding area ringings did not adequately pick up birds summering only. Folkestone birds are those demonstrating a continuing year-to-year connection with Folkestone, as shown by their histories.

Unfortunately, colour-ring loss has quite severely affected histories. It appears that colour rings can be expected to last only 5 to 6 years (although one bird retained its for nine years). Surprisingly, the more recent colour rings appear to have been affected more severely than earlier ones. The writer feels that "disappearance" of a bird is much more likely due to colour-ring loss as opposed to mortality (with a probability of 0.95). However, it seems likely that a few birds do return to the Ukraine/Mediterranean area.

The time terms used in this document are:

	Start	End
Breeding period	April	June
Summering	early July	mid December
Wintering	mid September	late March

Based on first and last adults; there are practically no Med Gulls at Folkestone in the breeding season.

Principal result of this study

The main finding of this study is that the majority of Med Gulls (85%) which visit Folkestone *in any one year* make repeat year-to-year visits. These have been called "Folkestone birds". This is based on 131 birds included in the full life-history tables: 76 "Folkestone birds" repeat their visits across four years, and 55 "non-Folkestone birds" (taken at 25% of that figure) which usually have visited in one year only.

Further, these "Folkestone birds" use three clear strategies:

1. they "summer only" at Folkestone (36%) - a few "early-summer" at Pas-de-Calais
2. they "summer and winter" at Folkestone (37%)
3. they "winter only" at Folkestone (27%) - having summered at Pas-de-Calais;

The second main result

The other finding is that "non-Folkestone birds" occur in four ways:

1. they summer in one year only
2. they stay for a day or so, on pre- or post-breeding passage
3. they stay for a day to 2/3 weeks, on autumn passage during October to mid-December
4. they are weather displaced

Figure 2 shows the movement of the summering and wintering 1st year birds at Folkestone. It is again based on tables in the appendix. There was a remarkable departure of all 1st year Med Gulls after the summering period in 2001/02. A more normal result, as pre-2001/02, occurred in 2002/03.

Arrivals - The main arrivals are from July 21st to Aug 15th. This is later than for the adults and 2nd years shown in Figure 1. Later arrivals can be significant until Nov 30th.

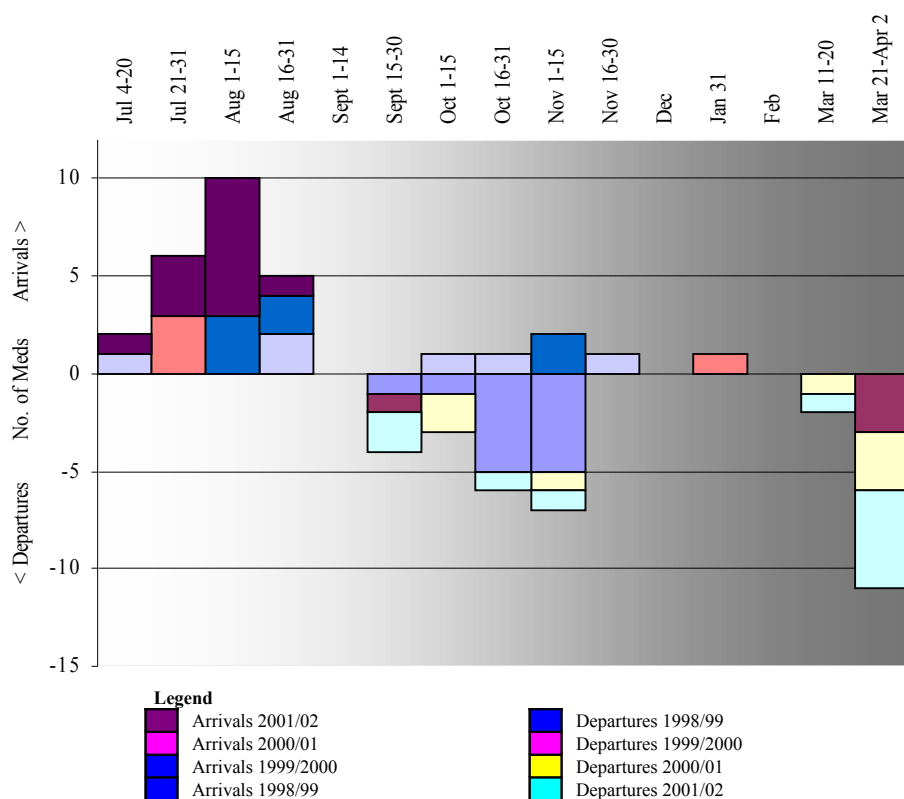
Departures - Departures start from Sept 15th, earlier than for the adults and 2nd year birds. The departures are heaviest from Oct 16th to Nov 15th, and there is a second peak in late March.

Peak point - The peak numbers for first year birds occurs at the end of August.

Figure 2: Movements of first year birds at Folkestone

Dates of arrival and departure

NB. detail on dates increased during peak movements



Behaviour of known age birds

From the life-history tables, there are 48 Med Gulls whose age is known. Looking at the movements of the young birds, 74% of birds making their first visit to Folkestone in their first or second year became “Folkestone birds”. After that it became relatively unlikely, though there are some examples.

Figure 3: The behaviour of known aged birds: showing when a “Folkestone” strategy was selected.

Age at first visit	Number of Med Gulls at this age	Those that will return to Folkestone	Those that spend only that summer at Folkestone
1 st year	34	24	10
2 nd year	8	7	1
3 rd year	4	1	3
4 th year	2	0	2

Location of 1st-years in April to June of their 1st summer

The first summer of a Med Gull’s life is a wandering time, and for many birds there is no information on where they were. The information available for “Folkestone” birds is given in Figure 4:

Location in April to June	Folkestone birds	Notes
Schelde/Pas-de-Calais	17	
Channel S of Pas-de-Calais	2	
England (Sussex to Suffolk)	3	
Total, English Channel	22	
Barcelona, Spain	1	Flew to Seine-M in 2 months
Lac de Neuchâtel, Switzerland	1	Flew to England in 2 months

No information	10
Totals	34

Note that two “non Folkestone” birds, which first arrived at Folkestone in their 3rd- and 4th- summers were in the Venice lagoons area, Italy at 1st summer age.

The Camargue connection

Two of the “Folkestone birds” have now been found breeding in the Camargue. These two Schelde-born birds moved to Camargue breeding after four years. At present, they continue to return to Folkestone to summer. Details are shown in Figure 5:

Bird	Pullus	Breeding		
wt47X (no.3)	28/5/96 Pullus @Schelde	13/6/99 probable @Schelde	25/5/00 confirmed @Vendee	3/5/02 probable @Camargue
wt74N (no.7)	4/6/97 Pullus @Schelde	20/4 - 10/7/01 confirmed @Camargue		

This return to Folkestone suggests a strong inclination in birds to return to a known summering area.

The Ukraine connection

Four Med Gulls which have appeared at Folkestone have been detected (once) in the Ukraine in the breeding season, which suggests breeding there for three of the birds. The first and fourth are “Folkestone birds”. Details are shown in figure 6:

Bird	Age	Schelde	Tendra Bay, Ukraine	Folkestone (F) or Pas de Calais (P)	Ukraine to Folkestone
rd 739 (no.1)	5 th summer		20/6/00	4/8/00 (F)	45 days
blk H4H (no.143)	pullus/2 nd summer		15/7/00	21/3/02 (F)	20 months
gn K85 (no.158)	2 nd summer	6/4/02	6/7/02	1/8/02 (P)	26 days
ylw 09P (no.163)	6 th summer	18/4/02	6/7/02	1/8/02 (F)	26 days

Three of these birds show a rapid crossing of Europe for birds leaving the Ukraine to summer or summer/winter in the west, most likely using the rivers north of the Alps, having regard to the speed of passage. Varga & others (1999) state, of Hungarian breeding Med Gulls, that most migrate to the Atlantic coast overland using the Danube, then Rhine and other, rivers. The second bird perhaps came by the Strait of Gibraltar in view of the time gap. These birds were ringed under four different ringing schemes.

Note that two of the above birds were in Schelde in early/mid April but by early July were in the Ukraine. It is likely they bred in the Ukraine, so caution is required respecting April- only Schelde reports.

South of England/ Pas-de-Calais Med Gulls

Med Gulls have, across the 23 years to Mar 31st 2002, demonstrated strong attachment to the Copt Point, Folkestone site. It is difficult to find as many as seven in a day anywhere else in Kent, except for Dungeness during the build-up in May/June. This may be accounted for by birds foraging inland in fields.

No “Folkestone birds” have been reported from the British Isles farther west than the Isle of Wight, thus they are a discrete population. There is no interaction with Le Portel/Pas-de-Calais, except that some individuals year-to-year spend time there before arriving at Folkestone and some of “their birds” are weather displaced here in mid-winter.

Further afield

There are other largish populations in south England, for example at Langstone Harbour/NE Isle of Wight, but there is practically no interaction with these other populations.

Dungeness, Kent, in contrast to Folkestone, has a 1st-summer passage population in May and June. Some of their 1st-year Med Gulls have appeared on the English/Welsh south coasts from Devon and Cornwall to Wales.

Acknowledgements

This paper has relied heavily on the six continental databases and that of the Sandwich Bay Bird Observatory. Thanks for free use of databases are due to: Peter Meininger and Renaud Flamant (Dutch/Belgian white rings), Pascal Raevel and Camille Duponcheel (French green rings), Renaud Flamant (Belgian green rings and the one black ring), Martin Boschert and Jörg Hadasch (German blue/green rings), Lajos Varga (Hungarian red rings) and the Trustees of the Sandwich Bay Bird Observatory (British yellow rings).

Heartfelt thanks are due to Peter Meininger, who conceived colour-ringing of Med Gulls in north-west Europe, Camille Duponcheel, for tireless work, and Renaud Flamant, for his tireless work and valuable reports from the Ukraine. Special contributions to this paper were made, unawares, by Andreas Guyot (Lac d’Hossegor) and Olivier Benoist (Port d’Antifer). Grateful thanks are also due to all Med Gull ringers and reporters and to Jon Braggs, David Davenport, Pete Findley and Philip Hurst for reading and commenting on the draft paper.

References

Meininger PL & Flamant R, 1999. Breeding populations of Mediterranean Gull in the Netherlands and Belgium. In Meininger & others (eds). *Proceedings of the 1st International Mediterranean Gull Meeting, Le Portel, Pas-de-Calais, France, 1998*: 47-54, EcoNum, Bailleul.

Meininger PL, 1999. The history of colour-ringing Mediterranean Gulls. *Ibid*: 61-68.

Varga L & others, 1999. Colour-ringing of Mediterranean Gulls in Hungary 1994-8. *Ibid*: 97-101.

Post Script: With this data and from the two more recent winters, it appears that Mediterranean Gulls are expanding at Folkestone at something like 40% *pa* at the present time. The sources of new birds are mainly the Dutch/Belgian delta area of the Schelde and Platier d’Oye, Pas-de-Calais, France, but there is a small and continuing influx of first-years from Hungary/Slovakia.

Appendix – Life histories of colour-ringed Med Gulls

Guidance Notes

Birds in the separate tables are arranged firstly according to age (where known) – then by the calendar year of ringing (where bird was ringed later than as pullus).

The term “Folkestone” means Copt Point, Folkestone.

The term “Schelde” means the Dutch/Belgian “Delta Area” broadly speaking from Zeebrugge to Antwerpen, north to Grevelingen/Krammer (but also including some outliers).

PC, for Pas-de-Calais, means principally Le Portel but includes Boulogne-sur-Mer, Equihen-Plage & Wimereux. It excludes the Platier d’Oye (PC) breeding area.

Brackets () against dates mean uncertainty as to being a first or last date.

Histories are complete to the last Folkestone date; first ringing dates are usually given.

Schelde dates: date-ranges that bridge “bird years April to March” are dealt with in the second of those years.

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Folkestone birds (76 described)	
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3 Med Gulls which winter only - strategy 3	21
Non-Folkestone birds (55 described)	
4 First-year birds present first-year only including those only on passage	22
5 Later than first-year visitors - summered in one year only	7
6 Irregular visitors	7
7 Passage only after first-year	15
8 Weather-displaced	4
Outside sample (34 described)	
9 Ringed at Pas-de-Calais apart from the Platier d’Oye breeding area	9
10 British ringed [by Sandwich Bay teams]	25

Quick Reference to Med Gulls born/visiting:

Ukraine	(1, 143, 158, 163)
Hungary/Slovakia	(1, 9, 31, 39, 58a, 58b, 67)
Germany/Switzerland	(1, 11, 49, 105, 107a, 114, 115)
Mediterranean area (as 1 st -years	(3, 111, 112)
(as adults	(3, 7)

Guide to French Departments mentioned (north to south):

Pas-de-Calais; Somme; Seine-Maritime; Calvados, Manche; Côtes-du-Nord; Finistère; Indre-et-Loire(inland); Vendée; Charente-Maritime; Landes; Bouches-du-Rhône.

Guide to English/Welsh localities mentioned (west to east):

Fishguard, Pembrokeshire (141); Ogmores-by-Sea, Glamorgan (144); Hayle Estuary, Cornwall (113); Isle of Wight (39, 111, 121, 142, 145, 147, 186); Icklesham/Rye, Sussex (111, 124, 138, 170); London (19); Southend/Frinton/Harwich, Essex (68, 103, 179); Felixstowe / Minsmere / Blythburgh / Landguard, Suffolk (4, 33, 141, 179); Great Yarmouth, Norfolk (23).

1. “Folkestone Birds” – Med Gulls which summer only – strategy 1

These birds winter on Bay of Biscay coasts or in areas unknown; some remain in England.

later)	Colour-ring (colour indicated) Calendar year of - birth / unknown ringing (when later)	Bird-year April to March	Breeding area or first summer location (Schelde unless other stated) Pas-de-Calais (PC) or other post- breeding passage	Summering		Wintering Passage south & north Wintering area
				[PC]	Folkestone	
1	rd739 95/97 Ukraine breeder?? Winters Landes, France. No PC reports	97/98 98/99 99/00 00/01 01/02 02/03	Szeged, Fehér-tó, Hungary 15/6 Szeged 25/4-20/6 Potievsky Island, Tendra Bay, Ukraine 20/6 Préverenges, Lac Léman, Switzerland 10/7 (passage west?)		15/7-5/10 4/8-11/12 1/9-1/11 28/7-8/11	Lac d’Hossegor, Landes, France 10/11-20/2 Lac d’Hossegor 13/12-20/2 Lac d’Hossegor 8/11-26/2 Lac d’Hossegor 17/2 Lac d’Hossegor 22/12-6/2 [No report]
				Observed with slipped ring clasping foot 4/11/02: ring will soon be lost		

later)	Colour-ring (colour indicated) Calendar year of - birth / unknown ringing (when later)	Bird-year April to March	Breeding area or first summer location (Schelde unless other stated) Pas-de-Calais (PC) or other post-breeding passage	Summertime Folkestone Folkestone	Wintering Passage south & north Wintering area
2	wt40V 96 Schelde breeder? Winters NW Spanish coast?	96/97 98/99 99/00 00/01 01/02 02/03	17/6 11/4 20/4-18/5	[PC] 13/7-(15/10) 17/7-7/11 [19/7-10/9] 16/9-23/12 [9/7-21/8] 27/9-5/11 [30/7-22/8] 15/9-27/11	Ares nr La Coruña, Galicia, Spain 21/1-13/2
3	wt47X 96 Barcelona to Seine-M in 2 months. Breeding Schelde? Then Vendée then Camargue?? Wintering area unknown	96/97 97/98 98/99 99/00 00/01 01/02 02/03	28/5 Llobregat delta, Barcelona, Spain 7/5; Le Havre, Seine-Maritime, France 4/7-7/7 (as 1 st -summer) 13/6 Lagune de Bouin, Vendée, France 25/5 b; Lagune de Bouin 16/3 Aigues-Mortes Salinas, Bouches- du-Rhône, France 3/5	 27/7-30/10 17/7-12/10 30/7-31/10 29/7-27/10 8/7-31/10	Port d'Antifer, Seine-Maritime, France 21/10 (passage south)
4	wt87C 97 (now wt1FF) Schelde breeder; wintering Landes, France. Just one report for PC!	97/98 98/99 99/00 00/01 01/02 02/03	1/6 Felixstow & Minsmere, Suffolk, England 27/5-20/7 (as 1 st - summer) 14/4-27/5 b 30/3-20/6 16/3-25/5	25/7-14/11 6/7-15/10 8/7-2/12 4/7-7/11 9/7-20/11	Lac d'Hossegor, Landes, France 6/12-20/2 (passage north: Folkestone 29/3) Lac d'Hossegor 27/11-26/1 Lac d'Hossegor 21/1 Lac d'Hossegor 29/12-11/2 (passage north: PC 7/3) [No report]
5	wt34N 97 Schelde breeder; late-winters in Brittany	97/98 98/99 99/00 00/01 01/02 02/03	24/6 24/4-21/5; PC 12/6-9/8 (as 1 st - summer) 8/6-4/7 PC 29/6-20/7 PC 27/6 7/3-25/5	(15/10) 18/8-31/1 17/7-8/1 24/7-8/1 18/7-23/12 9/7-7/12	Douarnenez, Finistère, France 16/2 Paimpol, Côtes-du-Nord, France 24/2 Paimpol, Côtes-du-Nord, France 20/2
6	wt61N 97 Schelde breeder; wintering area unknown	97/98 98/99 99/00 00/01 01/02 02/03	29/5 PC 12/6-25/7 (as 1 st -summer) 24/5-21/6 30/3-20/6 12/4-21/5 b; PC 26/6-30/7 23/3-13/7	(15/10)-16/11 5/7-8/11 22/7-29/11 11/8-4/11 20/7-2/12	
7	wt74N 97 Schelde, now Camargue breeder; winters north Spanish coast	97/98 98/99 99/00 00/01 01/02 02/03	4/6 13/5-19/5 (as 1 st -summer) Aigues-Mortes & Giraud Salinas, Bouches-du-Rhône, France 20/4- 10/7 b	[20/6-9/8] (17/10)-30/11 [10/7-11/9] 25/10-27/10 [10/9] 29/9-11/12 [15/8-22/8] 1/9-2/11 7/8-17/10	Gijón, Asturias, Spain 19/1 Gijón 5/1 Gijón 24/2 Gijón 6/12-13/2
8	wt1AC 97/99 (now gn42T) Schelde breeder; winters where?	99/00 00/01 01/02 02/03	28/5-30/6; PC 10/7 14/4-15/5 15/6 9/4-12/7; Dungeness, Kent 17/7	31/7-27/11 21/7-6/10 [PC 24/7] 18/7-27/10 [PC 24/7, 15/8] 20/7-12/8, 19/9-14/10	Donville-les-Bains, Manche, France 21/2 (passage north?)
9	gn55U 98/01 Schelde breeder; wintering area unknown	98/99 01/02 02/03	Hrušov Reservoir, SW Slovakia (metal only) 26/5 15/5 24/4-25/6	16/8-2/11 8/7-10/11	
10	wt2AJ 99 Schelde breeder; wintering north Spanish coast?	99/00 00/01 01/02 02/03	6/6-4/7 14/5 (as 1 st -summer) 12/5-20/5	30/8-8/11 [PC 18/6-24/9] [23/7-11/10] 23/10-7/11 24/7-28/11 [Strictly, not quite a Folkestone bird]	Gijón, Asturias, Spain 5/1 Ile-de-Ré, Charente-Maritime, France 16/3 (passage north)
11	wt6FK 99 Switzerland to England in 2 mos. Somme breeder? Wintering where?	99/00 00/01 01/02 02/03	3/6 Fanel, Lac de Neuchâtel, Switzerland 16/5 (as 1 st -summer) Marquenterre, Somme, France 29/4-6/5 b; Dungeness, Kent 26/6	14/8-12/10 19/7-28/12 [PC 1/8] 7/7-25/12 15/7-5/12	

	Colour-ring (colour indicated) Calendar year of - birth / unknown ringing (when later)	Bird-year April to March	Breeding area or first summer location (Schelde unless other stated) Pas-de-Calais (PC) or other post-breeding passage	Summering Folkestone Folkestone [PC]	Wintering Passage south & north Wintering area
12	wt8HF 01	01/02 02/03	4/6	29/7-18/10 13/7-21/10, 16/11-5/12	
13	gn61L 01	01/02 02/03	9/6 9/5-18/5	29/7-27/10 15/7-4/11	
14	gn79J 01	01/02 02/03	19/5 Dungeness, Kent 5/6	11/8-4/11 8/7-12/1, 1/3-19/3	
15	gn83J 01	01/02 02/03	19/5; PC 27/7	11/8-7/11 (31/7-17/10) Found carrying metal only	
16	gnE60 01	01/02 02/03	Platier d'Oye (PC) 13/6	5/8-17/10 24/6, 10/7-28/11	PC 25/2 (passage north)
17	gnH59 01	01/02 02/03	Platier d'Oye (PC) 20/6; PC 31/7; Dungeness, Kent 20/8	26/8-27/10 31/7-7/1	
18	wt31Z Unk/98 Schelde breeder formerly, now breeding area unknown; wintering area also unknown	98/99 99/00 00/01 01/02 02/03	30/5-3/7 b 18/4-15/6 b Port d'Antifer, Seine-Maritime, France 15/8 (passage north?)	[PC 17/12-7/1] 14/7-1/12 [29/6-13/8] 22/8-26/12 31/8-4/11 3/8-24/10 [PC 24/9, 6/12]	Beauport, Côtes-du-Nord, France 16/2 (passage north) Marais d'Olonne, Vendée, France 23/3 (passage south?) Beauport, Côtes-du-Nord, France 18/2 (passage south)
19	gn25A Unk/01	01/02 02/03	16/6 4/4-12/5	16/7-25/12 21/7-25/11	Beddington nr Croydon, London 20/12-3/1
20	gn86A Unk/01	01/02 02/03	24/6; PC 15/7 16/4-9/7	21/7-27/10 20/7-17/10	Ile-de-Ré, Charente-Maritime, France 17/2-19/2 (passage north)
21	gn 33K Unk/01	01/02 02/03	19/5; Dungeness, Kent 25/6 13/4-12/7	9/7-2/11 22/7-15/8, 20/9-4/11	Ile-de-Ré, Charente-Maritime, France 14/2-13/3
22	gn50L Unk/01	01/02 02/03	28/5 17/4-13/7	24/7-6/11 24/7-5/12	
23	gn02M Unk/01	01/02 02/03	9/6 16/4-1/5	18/7-23/12 8/7-20/11	Great Yarmouth, Norfolk, England 30/12-10/3 Great Yarmouth 27/12-26/3
24	gn22M Unk/01	01/02 02/03	14/6; PC 23/7 31/3-29/5	29/7-4/10 22/7-27/9	PC 2/3 (passage north)
25	gn89T Unk/01	01/02 02/03	25/5	19/7-11/10 20/7-28/9	Gatteville, Manche, France 3/11 (passage south?)
26	gn60Y Unk/01	01/02 02/03	26/6 27/4-13/7	18/7-1/12 20/7-21/10, 22/11-25/11	Morsalines, Manche, France 4/3-18/3
27	gn64Y Unk/01	01/02 02/03	26/6	[20/7-20/10] 31/10-2/12 [16/7-24/9] 29/10-29/11	Port d'Antifer, Seine-Maritime, France 1/1-13/1

These birds illustrate the great range of behaviour of "Folkestone" summering only birds. Bird (1) was unique in being (speculatively) a regular Ukraine breeder. Regrettably, few reports get through from the Ukraine. Bird (7) confirmed as a breeding bird in the Camargue, was matched by bird (3) with probable breeding in the Camargue. These two were also unique.

2. "Folkestone Birds" – Med Gulls which summer and winter at Folkestone – strategy 2

These birds show dedication to the Folkestone site, away from the breeding season.

	Colour-ring (colour indicated) Calendar year of - birth / unknown ringing (when later)	Bird-year April to March	Breeding area (Schelde unless other stated) Pas-de-Calais [PC] or other pre/post-breeding passage	Folkestone with [interruptions]
31	rd185 94	94/95 98/99	Szeged, Fehér-tó, Hungary 22/6 28/3/98	(5/1-15/1) 18/7-14/3 Lost
32	wt31V 96	96/97 97/98 98/99 99/00 00/01 01/02	17/6 PC 10/5-8/6 (as 1 st -summer) PC 19/4-9/8 PC 3/4, PC 17/7 PC 27/6-6/7 PC 22/7	(20/7, 9/10-1/4) 18/8-15/3 5/7-18/3 19/7-9/3 1/8-(20/12) Lost after ring slipping onto foot

	Colour-ring (colour indicated) Calendar year of - birth / unknown ringing (when later)	Bird-year April to March	Breeding area (Schelde unless other stated) Pas-de-Calais [PC] or other pre/post-breeding passage	Folkestone with [interruptions]
33	wt41C 97 (now gn01T) Wintered at PC in 00/01 but not 01/02, then "elsewhere" in 02/03. "Wobbling behaviour"	97/98 98/99 99/00 00/01 01/02 02/03	1/6; Felixstowe, Suffolk, England 4/8-8/8 (as juvenile) La Cerlangue, Seine-Maritime, France 18/5-30/5 (as 1 st -summer); Schelde 22/3 14/3-18/4 12/6 23/3-24/4	13/7-14/3 5/7-26/2 [PC 17/10-20/10] 9/7-29/11 [PC 23/12-18/2] 18/7-20/2 13/7-13/12 [PC 26/2]
34	wt80N 97 No PC reports Extremely steady behaviour	97/98 98/99 99/00 00/01 01/02 02/03	4/6 29/3-5/4 6/4-30/5 11/4-9/5 18/4-9/7	13/7-18/3 6/7-26/2 18/7-3/3 16/7-18/2 15/7-22/2
35	wt95N 97	97/98 98/99 99/00 00/01 01/02 02/03	4/6; Deal, Kent 11/8 (as juvenile) PC 19/4; Schelde 19/5; PC 12/6-7/9 (as 1 st - summer) 23/3-21/6 11/4-16/4; PC 29/6-25/8 PC 24/7-31/7 12/4; PC 16/7	24/8-1/4 16/10-15/3 5/7-6/3 25/9-5/3 1/8-5/3 18/7-26/2
36	wt4HT 97/01	97/98 01/02 02/03	29/5 (metal) 25/5	18/7-7/3 17/7-22/3
37	wt15S 98 Breaks at Folkestone!	98/99 99/00 00/01 01/02 02/03	28/5-5/7 PC 21/6 (as 1 st - summer) 14/4	13/7-29/3 5/7-6/10, 8/1-13/3 [Port d'Antifer, Seine-Maritime, France 17/10-5/12] 8/7, 28/7-9/3 [PC 24/7, 18/1] 24/7-16/10, 16/11-23/2 [Port d'Antifer 3/11] 28/7-26/10, 29/11-(17/1) Lost?
38	wt22S 98 No PC reports Very steady behaviour	98/99 99/00 00/01 01/02 02/03	30/5-29/6 1/6 (as 1 st -summer) 7/4 12/4 8/5-12/7	14/7-18/3 18/7-9/3 5/7-21/2 17/7-27/2
39	rdHA35 98	98/99 99/00 00/01	Szeged, Fehér-tó, Hungary 13/6 PC 4/4-21/6; Bembridge, Isle of Wight, England 26/6 (as 1 st -summer) Dungeness, Kent 23/6-25/6	22/8-29/3 5/7-13/3 18/7-3/3 Lost
40	ylw17P 98/99 (now gn50Y) Has changed its summering area!	98/99 99/00 00/01 01/02 02/03	PC 3/4, 10/7-13/10, 21/3 PC 1/8-31/8 29/4-24/6; PC 23/7 21/3-25/6	(17/2)-29/3 25/10-15/3 1/10-26/3 4/8-18/3 15/7-9/3
41	ylw21P 98/99 (now gn95K)	98/99 99/00 00/01 01/02 02/03	PC 8/6-10/7 PC 7/4; Schelde 2/6; PC 25/6 18/5-25/6	(17/2)-29/3 17/7-8/3 [PC 4/3] 18/7-26/3 4/7-1/3 9/7-28/11, 3/1-15/2
42	wt7AY 98/01	98/99 01/02 02/03	28/5 (metal) 1/7 21/4-30/6	18/7-19/2 19/7-27/11 See Note
43	gn00T 99/00 (now gn 3CM8)	00/01 01/02 02/03	9/7 16/4-25/5; PC 9/7 4/4-8/6	18/7-5/3 16/7-18/2 17/7-26/2
44	gn26M 99/01	99/00 01/02 02/03	15/7 (metal) 15/6-24/6 8/4-18/4	16/7-4/3 17/7-23/3 [PC 18/12]
45	gn35A 99/01	01/02 02/03	16/6; Dungeness, Kent 26/6; PC 20/7-25/7 23/3-22/6	1/8-25/12, 6/2-17/3 [Carantec, Finistère, France 18/1] 17/7-9/3
46	gn90A 99/01	01/02 02/03	24/6 29/4-25/6	18/7-23/2 8/7-14/3 [Port d'Antifer 14/7; PC 3/2]
47	ylw34P 99/01	99/00 00/01 01/02 02/03	18/5 (metal) 14/4-23/4 19/3-1/4	(22/2)-14/3 18/7- 4/3 18/7-9/3
48	gnA98 00	00/01 01/02 02/03	Platier d'Oye (PC) 9/6 Icklesham, Sussex, England 11/4-24/5; PC 23/6- 25/7 (as 1 st -summer)	23/7-30/3 29/7-21/3 8/7-1/3

	Colour-ring (colour indicated) Calendar year of - birth / unknown ringing (when later)	Bird-year April to March	Breeding area (Schelde unless other stated) Pas-de-Calais [PC] or other pre/post-breeding passage	Folkestone with [interruptions]
49	gnC9C00 Similar history to previous bird, except for breaks	00/01 01/02 02/03	Leese/Stolzenau, Nieder-sachsen.Germany 18/6 PC 2/5; Marquanterre, Somme, France 6/5; PC 4/6, Dungeness 22/6; PC 23/7 (as 1 st -summer) 24/4-20/5	26/7-26/3 4/8-10/11,13/2-17/3 13/7-16/10, 28/12-8/2
50	wt74A Unk/91 (now gn17R) The first colour-ringed Med to reach Folkestone - in 1991	91/92 97/98 98/99 01/02 02/03	21/5 30/4 25/6-29/6 1/7 Captured and re-ringed Paired with metal London EN 84043 (Adult Copt Point 1/3/91) Only one PC report	(16/11-19/12) 2/7-20/3 13/7-(22/8) Lost after ring slipping onto foot 16/7-1/3 10/7-4/11, 18/12-8/3 [PC 30/7]
51	wt10Y Unk/96 No PC reports	96/97 98/99 99/00	28/5 3/4-23/4	(24/9-22/2) 26/7-21/2 Lost
52	wt34Y Unk/96 No PC reports	96/97 98/99 99/00	28/5 31/3-18/4	(24/1-5/3) 27/7-2/3 23/7-24/2 Lost
53	wt1AH Unk/99	99/00 00/01 01/02 02/03	28/5-4/7; PC 10/7 12/3-20/4; PC 19/7-25/7 23/3-18/4	14/7-3/3 26/7-26/3 16/7-20/2 20/7-22/2
54	wt6AA Unk/99	99/00 00/01 01/02 02/03	20/5-30/6 12/3-14/4; PC 11/7-26/9 12/5	15/7-8/3 3/7-8/7, 1/10-9/3 24/7-23/2 [PC 2/8] Lost: colour-ring loss?
55	gn50M Unk/00 Paired gn17K (80)	00/01 01/02 02/03	31/5; PC 6/7-20/7 18/4 2/4-13/7	26/7-26/3 29/7-28/2 20/7-10/11, 21/12-23/3
56	wt8AW Unk/01	01/02 02/03	25/5 20/3-1/4	24/7-7/2 31/7-7/11 See Note
57	gn29A Unk/01	01/02 02/03	16/6; PC 24/7 16/3-15/5	4/8-21/2 19/7-6/3
58	gn92M Unk/01	01/02 02/03	1/7 27/4-29/5	11/7, 25/9-25/12, 30/1-9/3 30/7-7/11, 9/2-22/3

Metal-ring only Med Gulls falling into this class

58a	Budapest 381.016 01	01/02 02/03	Rétság, Hungary 30/5	Folkestone 2/9-22/3 14/10-23/3
58b	Praha ex68521 01	01/02 02/03	Hrušov Reservoir, SW Slovakia 6/6	(17/3)-31/3 8/7-23/3

Note. Strategy 2 Med Gulls spending the winter (or part of it) elsewhere Birds (42 & 56), having summered and wintered at Folkestone in 01/02, wintered elsewhere in 02/03. This appears to be “a blip” in behaviour; but bird (33) has persistently varied its practice.

3. “Folkestone Birds” – Med Gulls which winter only - strategy 3

All these birds summer at Pas-de-Calais.

	Colour-ring (colour indicated) Calendar year of - birth / unknown ringing (when later)	Bird-year April to March	Breeding area (Schelde or other stated) Some passage at Dungeness	Pas-de-Calais	Folkestone with [interruptions]
61	wt60E 92	92/93 98/99 99/00 00/01 01/02	11/6 18/4-28/4 7/4 3/5-6/5	8/8-27/3 19/7-19/10 4/8-13/8 29/7-24/9 2/7-6/9	22/10-2/3 25/11-24/2 21/10-5/3 Lost
62	wt33H 93	93/94 98/99 99/00	2/6 15/3-24/5	1/9-21/4 19/7-23/8	22/10-27/2 [PC 19/2] Lost
63	wt43H 93 Strategy 3 on history pre-98/99	93/94 94/95 98/99	2/6-10/6 Dungeness, Kent 11/5	15/5-26/7, 23/3	(8/3) 26/7 Lost after ring slipping onto foot
64	wt13J 93 Found carrying metal only 3/11/99	93/94 96/97 97/98 98/99 99/00	10/6 18/4-28/5 b 2/7 b, 30/3	6/8-17/8 19/7-19/9	22/11-15/3 31/7, 12/10-28/3 3/10-14/3 (3/11-14/2) metal Lost: thought deceased

	Colour-ring (colour indicated) Calendar year of - birth / unknown ringing (when later)	Bird-year April to March	Breeding area (Schelde or other stated) Some passage at Dungeness	Pas-de-Calais	Folkestone with [interruptions]
65	wt21J 93	93/94 94/95 98/99 99/00	24/6 Dungeness,Kent 26/5 10/6 8/4-2/7	16/7-24/8 8/8-21/11 17/7-15/8	1/12-6/3 Lost
66	wt04H 94/96	96/97 97/98 98/99 99/00 00/01 01/02	5/5-18/5 14/3/98 17/3-28/6 2/3-10/4 11/4-18/4	3/8-19/8 3/8-21/9 25/7-7/9) 25/7-9/9) 27/7-9/9)	(20/12) (7/11-18/1) 19/10-1/3 10/10-26/2 22/9-9/3 Lost
67	rd553 96	96/97 97/98 98/99 99/00 00/01	Szeged, Fehér-tó, Hungary 10/6 30/3-25/4	22/9, 8/12 13/4-22/11 13/7-7/11 11/9 13/9-26/9	29/11, 17/12-15/3 25/11-14/2 [PC 31/1] 11/11-11/2 21/10-4/3 21/10-(23/12) Lost
68	wt53W 97/99 Realignment in 5 th -year!	99/00 00/01 01/02 02/03	10/5 20/5-25/6	6/8-20/12, 22/3 2/8-16/1 10/7-1/11 16/7-24/9	[Southend, Essex, England 21/1], 9/2-15/3 31/1-26/3 [PC 12/3] 4/11-21/3 20/10-9/3
69	wt1FP 97/99	99/00 00/01 01/02	27/5-30/6 12/3-1/6 11/4-22/4	19/7-11/9	6/7-6/3 22/9-5/3 Lost
70	wt50T 98 (now ylw50P)	98/99 99/00 00/01 01/02 02/03	17/6 11/6 15/4-25/4 1/4-22/4 1/4-12/7	24/7-3/10 21/6-12/10 28/6-30/9 9/7-28/9 29/7-25/9	16/10-31/3 21/10-15/3 21/10-9/3 16/10-27/2 30/9-22/3
71	wt78W 98	98/99 99/00 00/01	25/6	5/8-29/10 3/4, 21/6-12/10 8/7-30/9	30/11-20/3 25/10-13/3 26/10-9/3 Lost: suspected colour-ring loss
72	wt1HN 98/00 Bird realigning itself?	98/99 00/01 01/02 02/03	28/5 (metal) 31/5 1/4-15/5 b; 16/3-23/3	24/7-10/9 20/7-21/8	18/10-5/3 [PC 2/2] 29/9-5/3 17/7-9/3
73	wt0AL 99	99/00 00/01 01/02	9/6 8/5 30/4	27/6-30/9	4/8-2/4 21/10-26/3 Lost: suspected colour-ring loss
74	wt3AR 99	99/00 00/01 01/02 02/03	6/6-15/7 Platier d'Oye (PC) 17/3 24/3-22/5	28/6-10/9 24/7-5/9	25/8-22/3 2/12-12/3 25/10-1/3 Lost: suspected colour-ring loss
75	wt5FH 99	99/00 00/01 01/02 02/03	3/6 14/5-10/7 b 6/4-25/5	20/6-31/8 23/7-18/10	15/11-2/4 2/12-9/3 10/11-1/3 Lost: suspected colour-ring loss
76	wt6FU 99 (now ylw 2A09)	99/00 00/01 01/02 02/03	3/6 [No reports]	11/9-4/10 5/6-27/9 20/7-6/9 26/7-25/9	3/11-18/3 8/11-26/3 22/10-7/3 30/9-9/3
77	gn05J 00	00/01 ½	3/6 31/3-8/5, 21/3-27/3	10/8-31/12 6/7-28/9	31/1-26/3 17/11-9/3 Lost: suspected colour-ring loss
78	wt06Y Unk/96 Bird changed its wintering area to Folkestone!	96/97 97/98 98/99 99/00 00/01 01/02 02/03	28/6 15/3-2/7 5/4-24/4 16/4-19/4 19/3-12/7 b	7/7-16/2 3/8-14/2 5/8-16/2 12/8-22/11 26/7-17/10 15/8-5/11 2/8-16/10	26/1 25/11-16/2 15/11-14/2 [PC 10/2] 18/11-9/2 11/11-22/2
79	wt5AL Unk/99	99/00 00/01 01/02 02/03	20/5-2/7, 12/3-22/3 11/4-30/4 17/4-19/7 b	5/8-25/9 19/7-25/9 26/7-6/9 30/7-10/9	8/10-8/3 14/10-12/3 29/9-23/2 20/9-22/3
80	gn17K Unk/01 Paired gn50M (55)	01/02 02/03	19/5 26/3-18/4	25/7-21/8 26/7-11/9	4/10-23/2 29/9-23/3
81	gn98T Unk/01	01/02 02/03	28/5 21/3-1/4	26/7-31/8 8/9	9/10-28/2 29/9-2/3

4. First-year birds - present at Folkestone in their first-year only

(a) Post breeding passage

	Colour-ring (colour indicated) Calendar year of - birth / unknown ringing (when later)	Bird-year April to March	Breeding area (Schelde or other stated)	Pas-de-Calais	Folkestone with [interruptions]
86	gn01J 00	00/01	31/5-15/7	21/7	

(b) Summered

87	wt94S 98	98/99	12/6	16/8-17/9, 1/11	
88	wt76T 98	98/99	24/6	(15/9)-23/9	
89	gnA56 99	99/00	Platier d'Oye (PC) 5/6-6/7	5/8-5/10	
90	gnE25 00	00/01	Platier d'Oye 22/6	25/7-17/9	
91	gn59M 01	01/02	13/6	1/8-6/10	PC 2/11
92	gnE48 01	01/02	Platier d'Oye (PC) 13/6	5/8-27/10	
93	gnE54 01	½	Platier d'Oye 13/6	4/8-7/11	Upton Warren, Worcestershire, England 21/7 [?unlikely?]
94	gnE84 01	½	Platier d'Oye 13/6	30/7-20/9	
95	gnH67 01	½	Platier d'Oye 20/6	8/8-1/11	PC 23/7
96	gnK24 01	½	Platier d'Oye 27/6	19/7-4/11	

(c) Autumn/early-winter passage

97	wt79R 98	98/99 99/00	10/6	(16/10)-4/11	PC 14/6
98	wt88S 98	98/99	13/6	15/10-29/10	PC 30/7-20/9
99	gnE04 00	00/01	Platier d'Oye (PC) 9/6	30/9	
100	gn43M 01	½	22/6	11/10-4/11	
101	gnH29 01	½	Platier d'Oye (PC) 20/6	19/12-21/12	PC 6/8-25/8, 1/3-9/3
102	gnH97 01	01/02	Platier d'Oye 20/6	31/10	PC 23/7-6/9
103	gnK04 01	01/02	Platier d'Oye 21/6	13/10-25/10	Southend, Essex, England 4/9-21/9
104	gnK19 01	01/02	Platier d'Oye 27/6	4/11	PC 25/7-26/8; Port d'Antifer, Seine- Maritime, France 1/1-3/2; Donville-les- Bains, Manche, France 11/3
105	gnC9K 01	01/02 02/03	Leese/Stolzenau, Niedersachsen, Germany 10/6	20/9 16/10-21/10	[No reports]

(d) Late-wintered/spring passage

106	wt45Z 98	98/99 99/00	1/6 25/4-13/6	28/3-31/3	PC 21/6-6/8
107	wt3HH 00	00/01	8/6	19/2-21/3	

Outside the sample date range

107a	BluR38 97	97/98	Rheinau-Freistett, Baden- Württemberg, Germany 7/6		23/7-10/8
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The twenty-two birds here illustrate the occurrence of Med Gulls at Folkestone in their first year of life, *other than* those that go on to become "Folkestone birds" in categories 1-3.

5. "Later than first-year" visitors – summered in one/two years only at Folkestone

	Colour-ring (colour indicated) Calendar year of - birth / unknown ringing (when later)	Bird-year April to March	Folkestone	Other reports
111	wt41V 96 Venice lagoons, Italy to England in 1¼ months. Wintered where?	96/97 97/98 98/99 99/00	20/7 19/7-30/9	Schelde 28/5 Chioggia, Veneto, Italy 14/5-26/5 (as 1 st -summer); Newhaven, Sussex, England 26/9-24/10 Rye/Icklesham, Sussex, England 1/4-18/4; PC 19/7; Newhaven, 4/10-10/10 Schelde 29/3-28/5; PC 3/7; Bembridge, Isle of Wight, England 12/7-15/7; Schelde 1/3
112	wt77R 98 Venice lagoons, Italy to England in 4½ months	98/99 99/00 00/01	26/7-6/1	Scheldt 10/6; PC 4/9-6/9 Sant Erasmo, Venezia, Marano Lagunare, S of Udine, and Chioggia, Veneto all Italy 13/7-14/3 (as 1 st -summer then 2 nd -winter) PC 20/1-19/2 Extremely unusual to move from Folkestone to PC after summering/ early-wintering at Folkestone, thought to have been triggered by weather displacement
113	wt43Z 98	98/99 99/00 00/01	2/8-3/12	Schelde 1/6-3/7; PC 8/8-7/11; Port d'Antifer, Seine-Maritime, France 1/1-20/2 Schelde 9/4-15/4; PC 27/6 (as 1 st -summer); Hayle Estuary, Cornwall, England 11/7; Heuqueville/Port d'Antifer, Seine-Maritime, France 28/8-21/10, 21/1-5/3
114	bluR70 98	98/99 99/00	6/7-8/10 Colour-ring heavily faded	Rheinau-Freistett, Baden-Württemberg, Germany 6/6; Carantec, Finistère, France 23/2 PC 8/6-21/6 (as 1 st -summer)
115	bluR87 98	98/99 99/00 00/01 ½	11/8-4/11 Colour-ring practically all-white	Rheinau-Freistett, Baden-Württemberg, Germany 13/6 [No reports]
116	wt2AW 99 Has now become a "Folkestone bird" !	99/00 00/01 01/02 02/03	29/7-31/10 20/7-29/9	Schelde 6/6; PC 7/9-23/10; Port d'Antifer, Seine-Maritime, France 21/1-19/2 Morsalines, Manche, France 19/4; PC 18/6-24/6 (as 1 st -summer) Morsalines 27/7- 2/8; Port d'Antifer 14/11-24/2; Morsalines 29/3; Platier d'Oye (PC) 3/4-14/4; Saint Nicolas de Bourgueil, Indre-et-Loire, France 16/6 b; Port d'Antifer 28/12-2/3 Schelde 16/3-15/5
117	wt07Y Unk/96 (now wt2HN) A very full record but little Folkestone (summered once)	96/97 97/98 98/99 99/00 00/01 01/02 02/03	23/7-15/10 28/7-5/8 13/7	Schelde 28/5; PC 3/8-18/8; Marais d'Olonne, Vendée, France 28/3 PC 8/8-8/9; Lac d'Hossegor, Landes, France 13/12-28/2 PC 24/7-19/10; Lac d'Hossegor 20/1-3/3; Sables d'Olonne, Vendée, France 12/3 Schelde 1/4-11/7; Lac d'Hossegor 8/1-29/1; Schelde 31/3 PC 11/8-30/8; Ile-de-Ré, Charente-Maritime, France 28/12; Lac d'Hossegor 21/1 Schelde 24/6; PC 24/7-11/10; Lac d'Hossegor & near 9/1-10/3 PC 31/7-29/9; Lac d'Hossegor 11/1-2/3

6. Irregular Visitors to Folkestone

	Colour-ring (colour indicated) Calendar year of - birth / unknown ringing (when later)	Bird-year April to March	Folkestone	Other reports
121	wt59V 97 A "PC bird" making irregular visits to Folkestone!	97/98 98/99 99/00 00/01 01/02 02/03	10/11-19/12 17/10-18/11 19/10-7/11, 23/12-4/1, 8/2-2/3	Schelde 29/5; PC 5/8-19/10; Bembridge, Isle of Wight, England 31/12-16/1; PC 4/2- 29/3 PC 12/6-17/2 Schelde 14/4-24/6; PC 10/7-18/2 Schelde 14/3-10/4; PC 28/6-29/9, 24/12-2/2 Schelde 11/4; PC 24/7-9/9, 10/1-21/2 Schelde 7/3-25/6; PC 26/7-10/8, 16/1 Probably "weather-displacements"
122	wt06S 98	98/99 99/00 00/01 01/02 02/03	18/12-17/3 25/10-18/11	Schelde 4/6; PC 6/9 Platier d'Oye (PC) 16/3-21/3 PC 25/7-7/3 Platier d'Oye 11/4; PC 25/6-11/8 PC 1/8-30/9, 6/12-4/2
123	wt1AU 98/00 Peculiar, unsettled record!	00/01 01/02 02/03	8/1-16/1 15/2-2/3	Schelde 25/3-13/5 b; PC 25/7-30/9; Port d'Antifer 24/1-12/2; PC 7/3 Schelde 16/3-27/3; PC 24/6-11/10; Port d'Antifer 29/12 Schelde 30/3-18/6; PC 29/7-24/9, 4/2-10/2
124	gnA74 99 Summers within 80km of Folkestone? Winters where?	99/00 00/01 01/02 02/03	17/11, 23/2 1/9, 30/10 30/7-12/8, 28/9-19/10 Ring not lost	Platier d'Oye (PC) 14/6; Gatteville, Manche, France 7/3-17/3 Schelde 19/4-25/4 b; Dungeness, Kent 25/6 Icklesham, Sussex, England 14/3-13/4; Schelde 17/4; PC 20/10
125	wt03Y Unk/96	96/97 97/98 98/99 99/00	16/2 20/7-29/7 31/12-4/1	Schelde 28/5; PC 1/8-9/12; Port d'Antifer 25/12; PC 1/2 Schelde 31/3-29/5 b; Schelde 31/3 PC 21/7-5/12 Schelde 2/7

	Colour-ring (colour indicated) Calendar year of -birth / unknown ringing (when later)	Bird-year April to March	Folkestone	Other reports
126	wt0AF Unk/99 Winters within 80km?	99/00 00/01	31/10, 23/12	Schelde 26/5, 23/3
127	gn08Y Unk/00 As previous	00/01 01/02 02/03	31/1 31/12	Schelde 21/6; Dover, Kent 28/1-9/2 PC 25/7; Dover 3/10-6/10 Schelde 20/4-12/5

7. Passage only birds at Folkestone – other than of first-year birds (see 4 above)

(a) Post-breeding passage

	Colour-ring (colour indicated) Calendar year of -birth / unknown ringing (when later)	Bird-year April to March	Folkestone	Other reports
131	wt58X 96	96/97 97/98 98/99 99/00 00/01	19/7	Schelde 17/6; PC 15/8-17/8 Le Havre, Seine-Maritime, France 12/6-19/7; PC 6/8-20/9; Douarnenez, Finistere, France 16/2 (passage north?) Schelde 25/6-29/6; PC 9/8-20/9; Gatteville, Manche, France 25/10-29/10 (passage south?) Schelde 17/3-28/4; Sainte-Anne-la-Palud, Finistère, France 27/2 (passage north?) Schelde 14/3-20/4; PC 1/8-11/9 Winters in Bay of Biscay?
132	wt85R 98	98/99 99/00 00/01 01/02	25/7	Schelde 14/6; PC 4/8-23/8 PC 2/7-14/9 PC 27/6-3/10; Lac d'Hossegor, Landes, France 11/2-15/2; Lagune de Bouin, Vendée, France 16/3 (passage north) PC 20/8-11/10
133	gn94K Unk/00	00/01 01/02	8/7	Schelde 2/6 Schelde 12/4-20/4 b; PC 22/7

(b) Autumn/early winter passage

134	wt06T 98	98/99 99/00	7/11	Schelde 12/6 PC 7/9-12/10
135	wt23W 98 Winters Finistère?	98/99 99/00 00/01	25/10-6/11	Schelde 25/6; PC 16/8-4/10; Paimpol, Côtes-du-Nord, France 13/3 PC 21/6-12/10; Paimpol 24/11; Douarnenez, Finistère, France 4/2 PC 25/7-17/10
136	gn70K 98/00 Winters Manche?	00/01 01/02	23/10-5/11	Schelde 28/5; PC 18/6-9/9; Morsalines/Gatteville, Manche, France 11/2-28/3 PC 2/8-28/9; Gatteville/Morsalines 24/2-15/3
137	wt2AZ 99	99/00 00/01 01/02	5/11-17/12	Schelde 5/6; PC 10/9-9/10 PC 24/6-25/9; Gatteville, Manche, France 11/2-12/3 PC 24/7-1/11
138	wt6FM 99	99/00 00/01 01/02	1/12	Schelde 3/6; PC 9/9-21/3 Ickesham, Sussex, England 29/3-13/4; PC 11/7-13/2 Schelde 11/4-23/4; PC 24/7-12/9, 10/1-7/3
139	wt3HF 00	00/01 01/02	27/10-1/12	Schelde 8/6; Ostende, Belgium 17/8-9/10; PC 21/10-12/3 Schelde 21/4-8/5; PC 24/6-5/9, 18/12-8/3

(c) Passage to breeding area

140	wt44V 96	96/97 98/99 99/00	3/3-4/3	Schelde 17/6; Le Conquet/Douarnenez, Finistère, France 5/11-28/2 Schelde 3/4-19/4, 22/3
141	wt60X 96	96/97 97/98 98/99 99/00	3/3-4/3	Schelde 31/5 Fishguard, Pembrokeshire, Wales 26/7-12/10 Minsmere, Suffolk, England 19/6-5/7; Fishguard 9/11 Minsmere/Blythburgh 27/3-4/4; Aberaeron/Fishguard 10/9-27/12 Appears to have used the rivers to cross England; the Folkestone record suggests it then came round by the south coast!
142	wt5AP 99	99/00 00/01 01/02	6/2-23/2	Schelde 20/5-6/6; PC 10/7-10/10; Bembridge, Isle of Wight, England 19/2 Schelde 14/3-18/4; PC 6/7-16/1 Schelde 7/4-30/4; PC 25/7-3/11
143	blkH4H 00	00/01 01/02	21/3-22/3	Smaleny Island, Tendra Bay, Ukraine 15/7 [No other reports] Colour-ringed in the Ukraine: only the second such found in the British Isles! The first was in 1994 - a juvenile at Weymouth, Dorset
144	wt1AM Unk/99	99/00 00/01	28/2	Schelde 13/6-2/7; Ogmores-by-Sea, Glamorgan, Wales 22/2 (passage?) Schelde 19/3-7/4 From where . . . Wales/Ireland?
145	gn44T Unk/01	01/02	27/2	Schelde 16/6; St Helens/Bembridge, Isle of Wight, England 29/7-27/8, 16/2; Schelde 17/3 Isle of Wight bird?

The above illustrate passage in the four years. A few very short-stay birds will have been missed.

8. Weather displaced

	Colour-ring (colour indicated) Calendar year of - birth / unknown ringing (when later)	Bird-year April to March	Folkestone	Other reports
146	Wt87J (now wt6AW) 94	94/95 98/99 99/00 00/01 01/02	30/1	Schelde 7/6-24/6; PC 10/8-25/8 PC 23/7; Lac d'Hossegor, Landes, France 13/1 Schelde 5/4-4/7 b; Gijon, Asturias, Spain 18/1 Schelde 22/3-5/4; PC 19/7-3/10; Lac d'Hossegor 6/11; Douarnenez, Finisère, France 8/2 Schelde 18/4; PC 22/7-28/9; Lac d'Hossegor 19/12
147	wt55R 98	98/99 99/00 00/01	2/2	Schelde 10/6; PC 7/8-19/2 Schelde 20/5; PC 8/6-18/1, 7/3-21/3 Newtown, Isle of Wight, England 9/4
148	wt6AC Unk/99	99/00	3/2-5/2	Schelde 20/5-6/6; PC 10/7-23/1, 27/2
149	gn88Y Unk/01	01/02	30/1	Schelde 28/6; Saint-Jouin-Brunival/ Port d' Antifer, Seine-Maritime, France 10/9-18/1; Schelde 25/3

Weather displacement may effect any bird; it seems likely for birds (112 (to PC), 121, 127, 151-3 & 155/6).

9. Outside sample: Pas-de-Calais ringed [other than for the Platier d'Oye breeding area]

	Colour-ring (colour indicated) Calendar year of - birth / unknown ringing (when later)	Bird-year April to March	Folkestone	Other reports
151	gn226 96/97 Substantial weather- displacement, but bird not in a hurry to return to PC	96/97 97/98 98/99 99/00 00/01 01/02	2/1-7/1, 24/2-3/3 10/11-2/12 28/10-31/10, 28/1-9/2	PC 4/1-13/4 Le Havre, Seine-Maritime, France 7/6-19/6; PC 28/6-29/3 Schelde 21/6-28/6; PC 19/7-31/1 Schelde 14/3-14/4; PC 30/7-17/10, 28/1 Schelde 12/4; PC 1/8-30/9, 16/1 Schelde 17/4; PC 30/7-11/10, 10/1, 1/3
152	gnA06 97/98 Weather- displacement at 3 rd - year	97/98 98/99 99/00	2/1-9/1, 24/1-11/2	PC 31/1-1/5 Schelde 25/6; PC 19/7-5/2 Schelde 8/4-14/4; PC 30/7-11/11, 11/1, 7/3
153	gnA35 97/98 Displacement at 2 nd - year	98/99 99/00	18/10-23/10, 29/1-31/1	PC 7/9-10/10, 18/1, 13/2-15/2 Schelde 20/3-24/4
154	gnA39 98/98 Summered in 4 th -year & late-wintered	98/99 99/00 00/01 01/02	29/7-10/10, 29/1-7/3	PC 13/11-14/3 Port d' Antifer, Seine-Maritime, France 21/1-5/3; PC 21/3 PC 20/7-30/8
155	gnA52 98/99 2 nd -year displaced, but remained to winter	98/99 99/00	31/12-11/3	PC 10/2 PC 21/6-23/10
156	gnA88 98/99 Displacements probably	99/00 00/01 01/02	9/12-1/1 9/2-13/2, 9/3-18/3	PC 27/11; Port d' Antifer, Seine-Maritime, France 29/1; PC 2/2-7/3 PC 23/7-13/10; Port d' Antifer 11/1-18/1; PC 2/3
157	gnE33 00/00	00/01 01/02 02/03	7/11-17/12, 17/3 4/11-7/11	PC 28/8-30/9; Port d' Antifer 20/1-9/3 PC 23/6-13/10; Port d' Antifer 16/2-2/3 Schelde 23/3-25/5; PC 6/8-22/8; Port d' Antifer 4/1
158	gnK85 00/01	01/02 02/03	5/2 9/12-13/12	PC 16/12, 2/3 Schelde 4/4-6/4; Babin Island, Tendra Bay, Ukraine 6/7; PC 1/8-25/9, 14/2-25/3
159	gnL23 Unk/02	01/02 02/03	7/1-21/3 21/7-28/7, 31/10-21/2	PC 3/1 Schelde 17/4-13/7; PC 13/8-16/10

This section shows the interaction of nine non-sample Pas-de-Calais birds [some wintering at Port-d'Antifer] with Folkestone. All sample birds colour-ringed at the Platier d'Oye breeding area have been dealt with earlier.

10. Outside Sample: British ringed, at Sandwich Bay BO

Thirty-four Med Gulls were colour-ringed by Sandwich Bay teams at Copt Point starting from 10/1/97. Six birds were lost after 1/4/98 and are ignored [ylw03P, 08P, 10P & 12-14P]. Three birds are dealt with as sample birds: ylw17P, 21P & 34P (40, 41, 47).

a) Birds showing a strong Folkestone history.

	Colour-ring (colour indicated) Calendar year of - birth / unknown ringing (when later)	Bird-year April to March	Folkestone	Other reports
161	ylw02P 96/97	96/97 97/98 98/99 99/00 00/01 01/02 02/03	(10/1-29/1) 20/12-18/3 11/11-21/2 21/10-15/3 26/10-26/3 18/10-21/3 14/10-22/3	PC 27/4-16/10; Port d'Antifer, Seine-Maritime, France 3/11-30/11 PC 21/7-6/9, 14/3 PC 7/8-26/9, 21/3 PC 26/7-26/8 PC 24/7-6/9, 23/3 PC 1/8-11/9
162	ylw05P 96/97	96/97 97/98 98/99 99/00 00/01 01/02 02/03	(10/1-26/2) (7/7)-16/3 27/7-18/3 20/7-4/3 26/7-7/3 29/7-9/2 1/8-11/12, 1/3 See Note 1	PC 27/4; Platier d'Oye (PC) 18/5; PC 5/6 Schelde 24/6 Schelde 25/3-24/4; Dungeness 7/2 Schelde 16/3-13/4; PC 24/7 Schelde 10/4-21/4; PC 25/7 Schelde 12/4-17/4
163	ylw09P 96/97	96/97 97/98 98/99 99/00 00/01 01/02 02/03	(25/1-30/1) (15/10)-28/3 13/7-2/3 14/7-23/2 8/7, 5/8-7/3 18/7-18/2 1/8-5/12 See Note 1	Seine Estuary/ LeHavre, Seine-Maritime, France 31/5-19/6; Dungeness, Kent 17/7 Schelde 28/4-21/5 Schelde 23/3-8/4; PC 3/7, 9/9 PC 19/7-29/7 Schelde 19/4 Schelde 27/3-18/4; Babin Island, Tendra Bay, Ukraine 6/7
164	ylw19P 98/99	98/99 99/00 00/01 01/02 02/03	(17/2)-31/3 25/10-13/3 8/11-26/3 7/8-17/3 19/8-19/3	PC 27/5-14/9 PC 27/7-26/8 PC 23/3
165	ylw20P 98/99	98/99 99/00 00/01 01/02 02/03	(17/2)-20/3 21/9-18/3 17/7-7/3 18/7-21/2 8/7-26/2	PC 10/7-17/8 PC 7/4; Schelde 23/4-25/5; PC 28/6, 27/7 Schelde 21/4 Schelde 16/3-18/5
166	ylw22P 98/99	98/99 99/00 00/01 01/02 02/03	(17/2)-14/3 4/2-10/3 25/10-19/2 9/10-14/2 16/10-18/1 See note 1	Schelde 9/4; Platier d'Oye (PC) 19/5; PC 7/6-13/10; ?where?; PC 21/3 Schelde 30/3-8/4; PC 1/7-31/8 Schelde 14/4-21/4; PC 25/7-18/8 Schelde 17/4-12/5; PC 1/8-31/8
167	ylw23P 98/99 Now disappears in winter	98/99 99/00 00/01 01/02 02/03	(17/2)-20/3 6/7-4/3 18/7-7/3 16/7-7/11 8/7-25/11	PC 5/4-15/4 PC 7/3; nr Isigny, Calvados, France 26/3 Schelde 1/4
168	ylw24P 98/99	98/99 99/00	(12/3)-31/3 4/8-13/3 Lost	Schelde 5/5. PC 7/6-31/7 [Report PC 24/6/01 disregarded]
169	ylw28P 98/99	99/00 00/01 01/02 02/03	(18/12)-8/3 26/10-12/3 18/10-4/3 17/7-23/3	PC 7/4; Schelde 24/4; PC 1/7-31/8 PC 24/6-29/7 Schelde 16/4-7/7
170	ylw29P 99/99	99/00 00/01 01/02 02/03	(18/12)-18/3 17/8-9/3 21/8-7/3 19/7-22/11, 1/2-4/2 See Note 1	Schelde 24/4-2/5; Icklesham, Sussex, England 2/6; PC 27/7-10/8 PC 27/6-25/7 Schelde 31/5
171	ylw32P 00/01	00/01 01/02 02/03	(22/2)-30/3 25/10-21/3 20/7-14/3	PC 15/8-21/8 PC 23/3
172	ylw01P Unk/97 Now disappears in winter	96/97 97/98 98/99 99/00 00/01 01/02 02/03	(10/1-23/1) (9/11)-22/2 19/8-31/1 4/8-21/2 7/8-28/10 8/9-17/12 30/8-27/12	PC 5/8-8/8 Schelde 24/2-30/6 b; PC 21/7-25/7 Schelde 23/4-4/7; PC 17/7 PC 19/7-5/8 Schelde 1/6; PC 3/7-15/8 Schelde 2/4-16/4; PC 30/7-13/8, 16/1
173	ylw04P Unk/97 Was paired with ylw15P	96/97 97/98 98/99 99/00 00/01 01/02 02/03	(10/1-24/1) (13/10)-20/3 (23/9)-31/3 12/8-18/3 13/8-26/3 29/7-21/3 4/8-22/3	PC 30/1) No breeding reports PC 7/4) PC 23/3)

	Colour-ring (colour indicated) Calendar year of - birth / unknown ringing (when later)	Bird-year April to March	Folkestone	Other reports
174	ylw06P Unk/97	96/97 97/98 98/99 99/00 00/01 01/02 02/03	(10/1) (9/11)-19/3 (30/10)-10/3 19/7-17/3 30/7-19/3 29/7-17/3 31/8-(17/10) Lost colour-ring	No reports Found carrying metal only 23/11/02
175	ylw07P Unk/97	96/97 97/98 98/99 99/00 00/01 01/02 02/03	(25/1-20/2) (14/10)-19/3 (18/8)-14/3 31/7-4/3 26/7-21/3 4/8-7/3 Lost colour-ring	No reports Found carrying metal only 19/3/03
176	ylw11P Unk/97	97/98 98/99 99/00 00/01 01/02 02/03	(12/12-12/2) (19/8)-20/3 6/7-10/3 18/7-26/3 14/7-19/3 30/7-22/3	No reports
177	ylw15P Unk/97	97/98 98/99 99/00	(12/12)-20/3 (19/8)-31/3 20/7-15/3 Lost; believed deceased	No reports
178	ylw30P Unk/99	99/00 00/01 01/02 02/03	(18/12)-10/3 4/7-26/3 11/7-17/3 15/7-2/3	PC 21/3 Schelde 27/3-25/6
179	ylw31P Unk/01	00/01 01/02 02/03	(22/2)-5/3 31/10-23/2 27/9-8/2	Frinton-on-Sea/Harwich, Essex, 2/4-15/4, Southend, Essex 8/9-21/9 and Landguard, Suffolk, 17/10, all England Southend 29/8-1/9 Breeds/summers English east coast?

Notes

1. Med Gulls now spending the winter (or part of it) elsewhere

Birds (162, 163, 166 & 170), which formerly wintered at Folkestone, in 2002/03 spent part of the winter elsewhere. This may be merely “a blip”, and it should be kept in mind these are young birds. Bird (167) has already spent two winters elsewhere.

2. Breeding

(a) Birds of unknown age

It is remarkable that five birds (173-7) should disclose NO indication of where they breed; they further show (almost) no Pas-de-Calais reports.

(b) Birds of known age (ignoring birds 168 & 171)

Disregarding their first two years of life, birds (162, 165/6 & 169/70) appear to be Schelde breeding, and bird (167) likely is (because of early return to Folkestone). There is no evidence as to where birds (161& 164) breed. For bird (163), early return to Folkestone/ Pas-de-Calais suggests this bird did breed in the Schelde, but in 02/03 it has (apparently) gone on to breed in the Ukraine.

b) Birds NOT showing a strong Folkestone history

	Colour-ring (colour indicated) Calendar year of - birth / unknown ringing (when later)	Bird-year April to March	Folkestone	Other reports
181	ylw25P 97/99	98/99 99/00	(12/3)-14/3 Lost	Schelde 4/4-25/5
182	ylw27P 97/99	97/98 99/00 00/01	(18/12)-28/2 15/11-3/3 Lost	Schelde 29/5 (metal) Platier d'Oye (PC), France 11/3-17/3 PC 7/4; Schelde 25/4; PC 1/8-26/8
183	ylw16P 98/99	98/99	(17/2)-29/3 Lost: thought dead	
184	ylw18P 98/99	98/99 99/00	(17/2)-31/3 Lost	PC 15/4
185	ylw26P 98/99 A fine relocation!	99/00 02/03	(10/9)-10/10 	Plouha, Côtes-du-Nord 13/10, Ile de Ré, Charente-Maritime 13/12, Lac d'Hossegor Landes 17/3, all France [all of bird making its way south at 2 nd -winter age!] Ile d'Oleron, Charente-Maritime, France 2/2
186	Ylw33P 00/01	00/01 01/02 02/03	(22/2)-2/4 	Dungeness, Kent 27/6; Bembridge/St Helens, Isle of Wight, England 3/8-23/8; PC 23/3 Bembridge/St Helens 24/7-25/8; Paimpol, Côtes-du-Nord, France 6/3