

APPENDIX A – Raw data of daytime visual observations



A Raw data of daytime visual observations

Date	TimeUTC	Species	TransSegm	Number	Age	Plumage	Behaviour	Distance	Height	Direction	Vessel	Observers
3/27/2013	10:15	cyspe		4			205	2000	1	8	Safira	AHI, GP, VJK
3/27/2013	10:45	cegry		2			203	500	1	8	Safira	AHI, GP, VJK
3/27/2013	12:15	cofru		1			103	800	1	4	Safira	AHI, GP, VJK
3/28/2013	8:30	cofru	East	8			205	100	2	5	Safira	AHI, GP, VJK
3/28/2013	10:30	cyspe	North	2			205	2000	5	5	Safira	AHI, GP, VJK
4/11/2013	3:45	mefus	2	2			205	500	15	4	Safira	ABU, JTP, AHI
4/11/2013	3:45	stvul	2	1			205	200	5	5	Safira	ABU, JTP, AHI
4/11/2013	3:45	vavan	2	2			205	200	2	4	Safira	ABU, JTP, AHI
4/11/2013	4:00	clhye	1	2		M	205	1100	2	3	Safira	ABU, JTP, AHI
4/11/2013	4:00	clhye	1	2		F	205	1100	2	3	Safira	ABU, JTP, AHI
4/11/2013	4:00	clhye	6	4			205	800	5	2	Safira	ABU, JTP, AHI
4/11/2013	4:00	menig	5	1			205	1500	50	2	Safira	ABU, JTP, AHI
4/11/2013	4:00	menig	5	2			205	1500	2	2	Safira	ABU, JTP, AHI
4/11/2013	4:00	moalb	6	2			205	100	2	2	Safira	ABU, JTP, AHI
4/11/2013	4:00	moalb	2	1			205	150	5	9	Safira	ABU, JTP, AHI
4/11/2013	4:15	alarv	2	1			205	0	30	3	Safira	ABU, JTP, AHI
4/11/2013	4:15	anasp		4			205	2000	2	3	Safira	ABU, JTP, AHI
4/11/2013	4:15	anasp	5	5			205	1500	10	2	Safira	ABU, JTP, AHI
4/11/2013	4:15	clhye		9			205	1500	20	5	Safira	ABU, JTP, AHI
4/11/2013	4:15	emsch	6	1			205	50	30	2	Safira	ABU, JTP, AHI
4/11/2013	4:15	mefus	2	2			205	150	5	9	Safira	ABU, JTP, AHI
4/11/2013	4:15	menig		5			205	1500	20	5	Safira	ABU, JTP, AHI
4/11/2013	4:15	stvul	6	1			205	10	5	6	Safira	ABU, JTP, AHI
4/11/2013	4:30	alarv	2	1			205	50	1	5	Safira	ABU, JTP, AHI



Date	TimeUTC	Species	TransSegm	Number	Age	Plumage	Behaviour	Distance	Height	Direction	Vessel	Observers
4/11/2013	4:30	anasp		8			205	3000	2	3	Safira	ABU, JTP, AHI
4/11/2013	4:30	mefus	5	2			205	1200	10	3	Safira	ABU, JTP, AHI
4/11/2013	4:30	mefus	1	3			205	1800	10	3	Safira	ABU, JTP, AHI
4/11/2013	4:45	phoch	6	1	ad	M	205	10	1	6	Safira	ABU, JTP, AHI
4/11/2013	5:00	altor	2	2		B	205	100	2	4	Safira	ABU, JTP, AHI
4/11/2013	5:00	altor	2	3		W	205	100	2	4	Safira	ABU, JTP, AHI
4/11/2013	5:00	bucla	1	1		M	205	1200	50	3	Safira	ABU, JTP, AHI
4/11/2013	5:00	bucla	1	1		F	205	1200	50	3	Safira	ABU, JTP, AHI
4/11/2013	5:00	larid	2	1	ad	B	205	10	100	4	Safira	ABU, JTP, AHI
4/11/2013	5:00	moalb	6	1			205	10	15	6	Safira	ABU, JTP, AHI
4/11/2013	5:15	altor	2	4		B	205	50	1	4	Safira	ABU, JTP, AHI
4/11/2013	5:15	altor	2	2		W	205	50	1	4	Safira	ABU, JTP, AHI
4/11/2013	5:15	altor	2	1		T	205	50	1	4	Safira	ABU, JTP, AHI
4/11/2013	5:15	altor	2	6			205	250	1	4	Safira	ABU, JTP, AHI
4/11/2013	5:15	cegry	2	1		B	203	500	1	5	Safira	ABU, JTP, AHI
4/11/2013	5:15	menig	2	2			205	700	20	4	Safira	ABU, JTP, AHI
4/11/2013	5:15	stzul	2	3			205	500	2	4	Safira	ABU, JTP, AHI
4/11/2013	6:00	altor	2	2		W	205	100	1	4	Safira	ABU, JTP, AHI
4/11/2013	6:00	altor	2	1		B	205	100	1	4	Safira	ABU, JTP, AHI
4/11/2013	6:00	asotu	6	1			205	5	5	5	Safira	ABU, JTP, AHI
4/11/2013	6:00	menig	1	15			205	1500	10	3	Safira	ABU, JTP, AHI
4/11/2013	6:15	alarv	6	1			205	100	15	3	Safira	ABU, JTP, AHI
4/11/2013	6:15	anasp		60			205	2500	200	3	Safira	ABU, JTP, AHI
4/11/2013	6:15	copal	1	7			205	1800	5	5	Safira	ABU, JTP, AHI
4/11/2013	6:15	gavsp		3			205	3000	15	2	Safira	ABU, JTP, AHI
4/11/2013	6:15	menig	5	30			205	2400	1	5	Safira	ABU, JTP, AHI
4/11/2013	6:15	menig	2	3			205	250	2	3	Safira	ABU, JTP, AHI
4/11/2013	6:15	unpas	1	4			205	1500	5	4	Safira	ABU, JTP, AHI

Date	TimeUTC	Species	TransSegm	Number	Age	Plumage	Behaviour	Distance	Height	Direction	Vessel	Observers
4/11/2013	6:30	alarv	2	1			205	100	40	3	Safira	ABU, JTP, AHI
4/11/2013	6:30	anpen	1	9			205	1000	10	3	Safira	ABU, JTP, AHI
4/11/2013	6:30	anpla	1	5			205	1100	10	4	Safira	ABU, JTP, AHI
4/11/2013	6:30	anpra	2	1			205	100	20	4	Safira	ABU, JTP, AHI
4/11/2013	6:30	calap	2	2			205	10	10	4	Safira	ABU, JTP, AHI
4/11/2013	6:30	caspi	6	1			205	50	15	2	Safira	ABU, JTP, AHI
4/11/2013	6:30	emsch	2	1			205	50	20	3	Safira	ABU, JTP, AHI
4/11/2013	6:30	lamin	2	1	ad	T	205	200	5	5	Safira	ABU, JTP, AHI
4/11/2013	6:30	mefus		3			205	1800	10	3	Safira	ABU, JTP, AHI
4/11/2013	6:30	menig	2	2			205	800	2	4	Safira	ABU, JTP, AHI
4/11/2013	6:30	stzul	2	4			205	800	10	4	Safira	ABU, JTP, AHI
4/11/2013	6:30	unpas	1	3			205	1500	1	4	Safira	ABU, JTP, AHI
4/11/2013	6:45	altor	2	10		B	203	100	1	7	Safira	ABU, JTP, AHI
4/11/2013	6:45	anpra	6	5			205	10	20	6	Safira	ABU, JTP, AHI
4/11/2013	6:45	anpra	2	2			205	10	15	5	Safira	ABU, JTP, AHI
4/11/2013	6:45	stzul	1	4			205	1100	2	5	Safira	ABU, JTP, AHI
4/11/2013	7:00	alarv	2	1			205	100	1	4	Safira	ABU, JTP, AHI
4/11/2013	7:00	anpla	2	3		M	205	600	5	4	Safira	ABU, JTP, AHI
4/11/2013	7:00	anpla	2	2		F	205	500	5	4	Safira	ABU, JTP, AHI
4/11/2013	7:00	anpla	2	2		M	205	500	5	4	Safira	ABU, JTP, AHI
4/11/2013	7:00	larid	2	6	ad	B	205	300	1	5	Safira	ABU, JTP, AHI
4/11/2013	7:15	alarv	2	1			205	150	1	3	Safira	ABU, JTP, AHI
4/11/2013	7:15	anpra	2	2			205	50	5	3	Safira	ABU, JTP, AHI
4/11/2013	7:15	lamin	1	1	ad		205	1500	2	4	Safira	ABU, JTP, AHI
4/11/2013	7:15	larid	2	1	ad	B	205	50	1	5	Safira	ABU, JTP, AHI
4/11/2013	7:15	unpas	2	1			205	300	5	3	Safira	ABU, JTP, AHI
4/11/2013	7:15	vavan	1	3			205	1200	1	3	Safira	ABU, JTP, AHI
4/11/2013	7:30	anasp		6			205	2100	20	4	Safira	ABU, JTP, AHI



Date	TimeUTC	Species	TransSegm	Number	Age	Plumage	Behaviour	Distance	Height	Direction	Vessel	Observers
4/11/2013	7:30	anasp		10			205	3000	20	4	Safira	ABU, JTP, AHI
4/11/2013	7:30	anasp	2	1		M	205	400	5	4	Safira	ABU, JTP, AHI
4/11/2013	7:30	anasp	2	1		F	205	400	5	4	Safira	ABU, JTP, AHI
4/11/2013	7:30	anasp		1			205	2600	40	3	Safira	ABU, JTP, AHI
4/11/2013	7:30	anpra	6	3			205	400	2	5	Safira	ABU, JTP, AHI
4/11/2013	7:30	clhye	3	40			203	800	5	5	Safira	ABU, JTP, AHI
4/11/2013	7:30	lamin	1	3	ad		205	1800	1	4	Safira	ABU, JTP, AHI
4/11/2013	7:45	anasp	1	1		M	205	1300	10	4	Safira	ABU, JTP, AHI
4/11/2013	7:45	anasp	1	4		F	205	1300	10	4	Safira	ABU, JTP, AHI
4/11/2013	7:45	anasp		1			205	3500	15	2	Safira	ABU, JTP, AHI
4/11/2013	7:45	lamin	2	2	ad		205	300	1	4	Safira	ABU, JTP, AHI
4/11/2013	7:45	larid	1	1	ad	B	205	1500	2	5	Safira	ABU, JTP, AHI
4/11/2013	7:45	menig	5	1			205	1500	15	3	Safira	ABU, JTP, AHI
4/11/2013	8:00	altor	2	2		B	205	300	1	3	Safira	ABU, JTP, AHI
4/11/2013	8:00	altor	2	4		W	205	300	1	3	Safira	ABU, JTP, AHI
4/11/2013	8:00	altor	2	3		W	205	250	1	4	Safira	ABU, JTP, AHI
4/11/2013	8:00	altor		2			201	1700	5	3	Safira	ABU, JTP, AHI
4/11/2013	8:00	anasp	4	16			205	1500	2	5	Safira	ABU, JTP, AHI
4/11/2013	8:00	emsch	2	1			205	50	50		Safira	ABU, JTP, AHI
4/11/2013	8:00	lamin	1	2			205	1800	5	4	Safira	ABU, JTP, AHI
4/11/2013	8:00	lamin	2	2	ad		205	1000	15	4	Safira	ABU, JTP, AHI
4/11/2013	8:15	alarv	6	1			205	20	1	5	Safira	ABU, JTP, AHI
4/11/2013	8:15	alarv	2	4			205	50	1	5	Safira	ABU, JTP, AHI
4/11/2013	8:15	alarv	2	6			205	500	2	5	Safira	ABU, JTP, AHI
4/11/2013	8:15	stvul	7	5			205	200	2	5	Safira	ABU, JTP, AHI
4/11/2013	8:15	tumer	2	2			205	300	5	4	Safira	ABU, JTP, AHI
4/11/2013	8:15	tumer	2	6			205	500	2	5	Safira	ABU, JTP, AHI
4/11/2013	8:30	frcoe	2	1		M	205	50	5	5	Safira	ABU, JTP, AHI

Date	TimeUTC	Species	TransSegm	Number	Age	Plumage	Behaviour	Distance	Height	Direction	Vessel	Observers
4/11/2013	8:30	memer		2			205	2500	50	2	Safira	ABU, JTP, AHI
4/11/2013	8:30	menig	2	5			205	500	1	4	Safira	ABU, JTP, AHI
4/11/2013	8:45	altor	5	2			103	150	1	7	Safira	ABU, JTP, AHI
4/11/2013	8:45	anpla	2	2		F	205	450	2	4	Safira	ABU, JTP, AHI
4/11/2013	8:45	anpla	2	2		M	205	450	2	4	Safira	ABU, JTP, AHI
4/11/2013	9:00	altor	2	2		B	203	300	2	4	Safira	ABU, JTP, AHI
4/11/2013	9:00	altor	2	2		W	203	300	2	4	Safira	ABU, JTP, AHI
4/11/2013	9:00	anpla	1	16			205	1700	1	4	Safira	ABU, JTP, AHI
4/11/2013	9:00	copal	1	1			205	1700	5	5	Safira	ABU, JTP, AHI
4/11/2013	9:00	menig	1	4			205	2000	15	4	Safira	ABU, JTP, AHI
4/11/2013	9:00	menig	1	1			205	1500	2	4	Safira	ABU, JTP, AHI
4/11/2013	9:15	phoch	6	1	ad	M	205	0	10	6	Safira	ABU, JTP, AHI
4/11/2013	9:15	tumer	6	9			205	0	15	6	Safira	ABU, JTP, AHI
4/11/2013	9:15	tumer	2	2			205	100	10	4	Safira	ABU, JTP, AHI
4/11/2013	9:30	phcol	2	1			205	0	4	3	Safira	ABU, JTP, AHI
4/11/2013	9:45	errub	3	1			205	0	5	7	Safira	ABU, JTP, AHI
4/11/2013	10:00	altor	6	5		B	103	100	1	8	Safira	ABU, JTP, AHI
4/11/2013	10:00	emsch		1			205	0	30		Safira	ABU, JTP, AHI
4/11/2013	10:00	scrus	5	1			205	200	15	7	Safira	ABU, JTP, AHI
4/11/2013	10:15	errub	2	1			205	0	5	4	Safira	ABU, JTP, AHI
4/11/2013	10:15	moalb	2	1			205	10	2	3	Safira	ABU, JTP, AHI
4/11/2013	10:15	stzul	6	1			205	0	3	4	Safira	ABU, JTP, AHI
4/11/2013	10:30	anpen	1	3			205	1100	10	4	Safira	ABU, JTP, AHI
4/11/2013	10:30	unpas	2	1			205	150	10	2	Safira	ABU, JTP, AHI
4/11/2013	10:45	anpen	2	2			205	300	5	4	Safira	ABU, JTP, AHI
4/11/2013	10:45	anpla	2	2		M	205	300	5	4	Safira	ABU, JTP, AHI
4/11/2013	10:45	anpla	2	2		F	205	300	5	4	Safira	ABU, JTP, AHI
4/11/2013	10:45	memer	1	1		W	205	1900	10	3	Safira	ABU, JTP, AHI



Date	TimeUTC	Species	TransSegm	Number	Age	Plumage	Behaviour	Distance	Height	Direction	Vessel	Observers
4/11/2013	10:45	memer	1	2		M	205	1900	10	3	Safira	ABU, JTP, AHI
4/11/2013	11:45	anasp	3	8			205	900	10	4	Safira	ABU, JTP, AHI
4/11/2013	11:45	moalb	6	1			205	50	30	6	Safira	ABU, JTP, AHI
4/11/2013	12:00	unpas	2	10			205	500	5	4	Safira	ABU, JTP, AHI
4/11/2013	12:15	plapr	1	6			205	1000	1	4	Safira	ABU, JTP, AHI
4/11/2013	12:45	scrus	2	1			205	0	2	6	Safira	ABU, JTP, AHI
4/11/2013	13:00	anpla	3	26			205	400	10	4	Safira	ABU, JTP, AHI
4/11/2013	13:30	alarv	3	1			205	5	1	4	Safira	ABU, JTP, AHI
4/11/2013	13:30	clhye	6	1		W	105	300	3	3	Safira	ABU, JTP, AHI
4/11/2013	14:00	altor	6	6		B	203	400	5	2	Safira	ABU, JTP, AHI
4/11/2013	14:15	anasp	1	2			205	1500	1	4	Safira	ABU, JTP, AHI
4/11/2013	14:30	alarv	6	8			205	200	1	3	Safira	ABU, JTP, AHI
4/11/2013	14:30	alarv	6	2			205	200	1	3	Safira	ABU, JTP, AHI
4/11/2013	14:30	anpen	2	15			205	400	1	4	Safira	ABU, JTP, AHI
4/11/2013	14:30	co'do	2	1			103	10	5	8	Safira	ABU, JTP, AHI
4/11/2013	14:30	plapr	2	6			205	300	1	4	Safira	ABU, JTP, AHI
4/11/2013	14:45	anans	1	3			205	1500	1	4	Safira	ABU, JTP, AHI
4/11/2013	14:45	anasp	1	30			205	1800	1	4	Safira	ABU, JTP, AHI
4/11/2013	14:45	ancre	2	8			205	400	2	3	Safira	ABU, JTP, AHI
4/11/2013	14:45	copal	6	28			205	500	10	6	Safira	ABU, JTP, AHI
4/11/2013	14:45	vavan	6	1			205	150	2	5	Safira	ABU, JTP, AHI
4/11/2013	15:00	altor	2	2		B	203	300	1	2	Safira	ABU, JTP, AHI
4/11/2013	15:15	altor	2	8		B	205	50	5	4	Safira	ABU, JTP, AHI
4/11/2013	15:15	anasp	5	40			205	1200	1	5	Safira	ABU, JTP, AHI
4/11/2013	15:30	vavan	2	1			205	300	1	4	Safira	ABU, JTP, AHI
4/11/2013	16:30	larid	2	3		B	205	100	2	4	Safira	ABU, JTP, AHI
4/12/2013	3:45	alarv	-	1			205	20	20		Safira	ABU, JTP, AHI
4/12/2013	4:00	errub	2	1			205	10	2	4	Safira	ABU, JTP, AHI

Date	TimeUTC	Species	TransSegm	Number	Age	Plumage	Behaviour	Distance	Height	Direction	Vessel	Observers
4/12/2013	4:00	larid	2	7			205	50	80	3	Safira	ABU, JTP, AHI
4/12/2013	4:00	moalb	2	1			205	20	5	4	Safira	ABU, JTP, AHI
4/12/2013	4:00	trtro	2	2			205	0	5	2	Safira	ABU, JTP, AHI
4/12/2013	4:00	tumer	2	1			205	0	15	4	Safira	ABU, JTP, AHI
4/12/2013	4:00	tupil	1	1			205	30	30		Safira	ABU, JTP, AHI
4/12/2013	4:00	unpas	2	1			205	20	5	4	Safira	ABU, JTP, AHI
4/12/2013	4:15	larid	3	2			205	100	20	5	Safira	ABU, JTP, AHI
4/12/2013	4:15	moalb	2	1			205	20	5		Safira	ABU, JTP, AHI
4/12/2013	4:15	stzul	2	1			205	20	5	4	Safira	ABU, JTP, AHI
4/12/2013	4:30	alarv	3	3			205	20	5	4	Safira	ABU, JTP, AHI
4/12/2013	4:30	anasp	6	7			205	700	10	2	Safira	ABU, JTP, AHI
4/12/2013	4:30	anpen	3	4			205	400	10	4	Safira	ABU, JTP, AHI
4/12/2013	4:30	anpla	5	3		W	205	100	20	2	Safira	ABU, JTP, AHI
4/12/2013	4:30	anpla	5	3		M	205	100	20	2	Safira	ABU, JTP, AHI
4/12/2013	4:30	anpla	3	4			205	400	10	4	Safira	ABU, JTP, AHI
4/12/2013	4:30	anpra	2	2			205	20	20	9	Safira	ABU, JTP, AHI
4/12/2013	4:30	frcoe	-	1			205	20	20		Safira	ABU, JTP, AHI
4/12/2013	4:30	frcoe	-	1			205	20	5		Safira	ABU, JTP, AHI
4/12/2013	4:30	frcoe	3	1			205	30	10	4	Safira	ABU, JTP, AHI
4/12/2013	4:30	memer	6	1		W	205	200	80	2	Safira	ABU, JTP, AHI
4/12/2013	4:30	memer	6	1		M	205	200	80	2	Safira	ABU, JTP, AHI
4/12/2013	4:30	moalb	2	1			205	20	5	4	Safira	ABU, JTP, AHI
4/12/2013	4:30	moalb	2	1			205	20	20	4	Safira	ABU, JTP, AHI
4/12/2013	4:30	stzul	2	1			205	20	5	4	Safira	ABU, JTP, AHI
4/12/2013	4:30	trtro	2	1			205	0	5	9	Safira	ABU, JTP, AHI
4/12/2013	4:30	tuili	2	2			205	20	20	3	Safira	ABU, JTP, AHI
4/12/2013	4:30	tuphi	-	1			205	205	0	20	Safira	ABU, JTP, AHI
4/12/2013	4:30	tuphi	2	1			205	20	20	8	Safira	ABU, JTP, AHI

Date	TimeUTC	Species	TransSegm	Number	Age	Plumage	Behaviour	Distance	Height	Direction	Vessel	Observers
4/12/2013	4:30	tuphi	-	1			205	0	20		Safira	ABU, JTP, AHI
4/12/2013	5:00	alarv	6	1			205	50	20	4	Safira	ABU, JTP, AHI
4/12/2013	5:00	alarv	2	1			205	100	15	4	Safira	ABU, JTP, AHI
4/12/2013	5:00	moalb	2	1			205	100	10	4	Safira	ABU, JTP, AHI
4/12/2013	5:00	tuphi	2	1			205	50	5	3	Safira	ABU, JTP, AHI
4/12/2013	5:15	alarv	2	4			205	20	20	3	Safira	ABU, JTP, AHI
4/12/2013	5:15	alarv	3	2			205	50	10	4	Safira	ABU, JTP, AHI
4/12/2013	5:15	alarv	2	1			205	100	30	7	Safira	ABU, JTP, AHI
4/12/2013	5:15	frcoe	3	1			205	50	10	4	Safira	ABU, JTP, AHI
4/12/2013	5:15	mefus	2	2			205	350	1	3	Safira	ABU, JTP, AHI
4/12/2013	5:15	menig	2	2			205	350	1	3	Safira	ABU, JTP, AHI
4/12/2013	5:15	menig	3	1			205	100	10	4	Safira	ABU, JTP, AHI
4/12/2013	5:15	meser	2	7			205	400	15	3	Safira	ABU, JTP, AHI
4/12/2013	5:15	moalb	2	1			205	30	10	3	Safira	ABU, JTP, AHI
4/12/2013	5:15	pamaj	2	6			205	0	10	4	Safira	ABU, JTP, AHI
4/12/2013	5:15	phcar	2	6	ad		205	150	40	4	Safira	ABU, JTP, AHI
4/12/2013	5:15	phcar	2	4	imm		205	150	40	4	Safira	ABU, JTP, AHI
4/12/2013	5:15	phcar	2	4		ad	205	30	5	4	Safira	ABU, JTP, AHI
4/12/2013	6:00	alarv	2	2			205	100	50	3	Safira	ABU, JTP, AHI
4/12/2013	6:00	alarv	2	1			205	50	10	4	Safira	ABU, JTP, AHI
4/12/2013	6:00	anpra	3	2			205	50	20	4	Safira	ABU, JTP, AHI
4/12/2013	6:00	frcoe	2	1			205	50	50		Safira	ABU, JTP, AHI
4/12/2013	6:15	alarv	2	1			205	50	20	7	Safira	ABU, JTP, AHI
4/12/2013	6:15	alarv	3	1			205	20	5	4	Safira	ABU, JTP, AHI
4/12/2013	6:15	moalb	3	3			205	30	5	4	Safira	ABU, JTP, AHI
4/12/2013	6:30	alarv	-	2			205	20	30		Safira	ABU, JTP, AHI
4/12/2013	6:30	alarv	2	1			205	0	80	3	Safira	ABU, JTP, AHI
4/12/2013	6:30	alarv	2	3			205	20	50	2	Safira	ABU, JTP, AHI

Date	TimeUTC	Species	TransSegm	Number	Age	Plumage	Behaviour	Distance	Height	Direction	Vessel	Observers
4/12/2013	6:30	anpra	2	1			205				Safira	ABU, JTP, AHI
4/12/2013	6:30	frcoe	2	1			205	100	100	4	Safira	ABU, JTP, AHI
4/12/2013	6:30	frcoe	3	4			205	10	10	3	Safira	ABU, JTP, AHI
4/12/2013	6:30	moalb	2	2			205	20	20	4	Safira	ABU, JTP, AHI
4/12/2013	6:30	pamaj	2	1			205	10	5	2	Safira	ABU, JTP, AHI
4/12/2013	6:45	alarv	2	1			205	50	50		Safira	ABU, JTP, AHI
4/12/2013	6:45	cachl	3	1			205	10	20	4	Safira	ABU, JTP, AHI
4/12/2013	6:45	errub	2	1			205	10	10	4	Safira	ABU, JTP, AHI
4/12/2013	6:45	moalb	2	1			205	10	20	4	Safira	ABU, JTP, AHI
4/12/2013	6:45	moalb	2	1			205	20	20	9	Safira	ABU, JTP, AHI
4/12/2013	6:45	pamaj	2	1		M	205	10	5	2	Safira	ABU, JTP, AHI
4/12/2013	6:45	stvul	2	5			205	10	10	4	Safira	ABU, JTP, AHI
4/12/2013	6:45	trtro	2	1			205	10	10	4	Safira	ABU, JTP, AHI
4/12/2013	6:45	turdus	3	3			205	200	2	5	Safira	ABU, JTP, AHI
4/12/2013	7:00	moalb	2	1			205	10	20	5	Safira	ABU, JTP, AHI
4/12/2013	7:15	cachl	2	1			205	50	20	4	Safira	ABU, JTP, AHI
4/12/2013	7:15	frcoe	2	2			205	50	2	4	Safira	ABU, JTP, AHI
4/12/2013	7:15	frcoe	2	1		M	205	50	20	4	Safira	ABU, JTP, AHI
4/12/2013	7:15	frcoe	2	3			205	20	20	4	Safira	ABU, JTP, AHI
4/12/2013	7:15	luarb	2	1			205				Safira	ABU, JTP, AHI
4/12/2013	7:15	moalb	6	1			205	20	30	2	Safira	ABU, JTP, AHI
4/12/2013	7:15	moalb	2	1			205	100	20	9	Safira	ABU, JTP, AHI
4/12/2013	7:30	alarv	2	2			205	20	25	6	Safira	ABU, JTP, AHI
4/12/2013	7:30	alarv	2	1			205	200			Safira	ABU, JTP, AHI
4/12/2013	7:30	cachl	2	1			205	20	25	6	Safira	ABU, JTP, AHI
4/12/2013	7:30	moalb	2	2			205				Safira	ABU, JTP, AHI
4/12/2013	7:30	moalb	2	1			205	50	20	8	Safira	ABU, JTP, AHI
4/12/2013	7:45	alarv	3	6			205	600	1	4	Safira	ABU, JTP, AHI



Date	TimeUTC	Species	TransSegm	Number	Age	Plumage	Behaviour	Distance	Height	Direction	Vessel	Observers
4/12/2013	7:45	moalb	3	2			205	20	10	4	Safira	ABU, JTP, AHI
4/12/2013	7:45	tumer	3	1		M	205	0	5	4	Safira	ABU, JTP, AHI
4/12/2013	8:00	alarv	2	1			205	30	20	4	Safira	ABU, JTP, AHI
4/12/2013	8:00	alarv	2	1			205	30	20	4	Safira	ABU, JTP, AHI
4/12/2013	8:00	moalb	2	1			205	10	10	4	Safira	ABU, JTP, AHI
4/12/2013	8:00	moalb	3	2			205	10	10	4	Safira	ABU, JTP, AHI
4/12/2013	8:00	moalb	6	1			205	200	20	7	Safira	ABU, JTP, AHI
4/12/2013	8:00	tuili	3	1			205				Safira	ABU, JTP, AHI
4/12/2013	8:00	tuili	3	1			205				Safira	ABU, JTP, AHI
4/12/2013	8:00	tuphi	2	1			205	10	2	4	Safira	ABU, JTP, AHI
4/12/2013	8:15	cachl	3	1			205	50	10	7	Safira	ABU, JTP, AHI
4/12/2013	8:15	luarb	2	1			205	30	20	7	Safira	ABU, JTP, AHI
4/12/2013	8:15	pamaj	3	19			205	0	25	8	Safira	ABU, JTP, AHI
4/12/2013	8:30	frcoe	3	4			205	40	20	5	Safira	ABU, JTP, AHI
4/12/2013	8:30	larid	2	2			103	800	10	8	Safira	ABU, JTP, AHI
4/12/2013	8:30	moalb	2	1			205	50	30	3	Safira	ABU, JTP, AHI
4/12/2013	8:30	plapr	6	1			205	500	50		Safira	ABU, JTP, AHI
4/12/2013	8:45	anpra	2	6			205	100	10	5	Safira	ABU, JTP, AHI
4/12/2013	8:45	anpra	6	1			205	100	15	7	Safira	ABU, JTP, AHI
4/12/2013	8:45	frcoe	2	1			205	200	20	4	Safira	ABU, JTP, AHI
4/12/2013	9:00	anpra	7	1			205	30	6	6	Safira	ABU, JTP, AHI
4/12/2013	9:15	anpra	2	1			205	0	50		Safira	ABU, JTP, AHI
4/12/2013	9:15	moalb	3	1			205	50	20	5	Safira	ABU, JTP, AHI
4/12/2013	9:15	moalb	6	1			205	0	50	9	Safira	ABU, JTP, AHI
4/12/2013	9:15	stvul	7	1			205	200	15	4	Safira	ABU, JTP, AHI
4/12/2013	9:15	unpas	3	1			205	300	1	5	Safira	ABU, JTP, AHI
4/12/2013	9:30	moalb	3	2			205	50	15	5	Safira	ABU, JTP, AHI
4/12/2013	9:30	stvul	7	2			205	150	10	5	Safira	ABU, JTP, AHI

Date	TimeUTC	Species	TransSegm	Number	Age	Plumage	Behaviour	Distance	Height	Direction	Vessel	Observers
4/12/2013	9:45	alarv	-	1			205	200	20		Safira	ABU, JTP, AHI
4/12/2013	9:45	alarv	6	1			205	10	8	6	Safira	ABU, JTP, AHI
4/12/2013	9:45	errub	3	1			205	10	2	4	Safira	ABU, JTP, AHI
4/12/2013	9:45	moalb	6	1			205	0	20	9	Safira	ABU, JTP, AHI
4/12/2013	9:45	stvul	6	1			205	10	10	6	Safira	ABU, JTP, AHI
4/12/2013	10:00	errub	6	1			205	10	1	6	Safira	ABU, JTP, AHI
4/12/2013	10:00	errub	3	2			205	10	5	4	Safira	ABU, JTP, AHI
4/12/2013	10:00	moalb	3	1			205	10	15	5	Safira	ABU, JTP, AHI
4/12/2013	10:00	moalb	3	6			205	0	2	4	Safira	ABU, JTP, AHI
4/12/2013	10:00	pacae	3	1			205	10	5	4	Safira	ABU, JTP, AHI
4/12/2013	10:00	pacae	3	1			205	20	5	4	Safira	ABU, JTP, AHI
4/12/2013	10:00	stvul	3	4			205	10	10	4	Safira	ABU, JTP, AHI
4/12/2013	10:15	rereg	2	1			205	0	3	3	Safira	ABU, JTP, AHI
4/12/2013	10:45	cofru	2	1			205	800	100	8	Safira	ABU, JTP, AHI
4/12/2013	10:45	frcoe	2	26			205	50	5	4	Safira	ABU, JTP, AHI
4/12/2013	10:45	moalb	2	12			205	20	5	4	Safira	ABU, JTP, AHI
4/12/2013	10:45	pamaj	3	1		W	205	0	5	4	Safira	ABU, JTP, AHI
4/12/2013	11:30	frmon	6	1		M	205	10	10	2	Safira	ABU, JTP, AHI
4/12/2013	11:30	moalb	2	1			205	10	5	4	Safira	ABU, JTP, AHI
4/12/2013	11:30	syatr	2	1			205	10	5	4	Safira	ABU, JTP, AHI
4/12/2013	11:45	anpra	6	1			205	10	2	5	Safira	ABU, JTP, AHI
4/12/2013	11:45	frcoe	6	1		M	205	10	2	5	Safira	ABU, JTP, AHI
4/12/2013	11:45	moalb	6	11			205	10	5	3	Safira	ABU, JTP, AHI
4/12/2013	12:00	frcoe	7	35			205	10	5	3	Safira	ABU, JTP, AHI
4/12/2013	12:00	pamaj	6	1			205	20	15	3	Safira	ABU, JTP, AHI
4/12/2013	12:00	pamaj	6	1		M	205	10	5	3	Safira	ABU, JTP, AHI
4/12/2013	12:00	pamon	6	1			205	20	5	3	Safira	ABU, JTP, AHI
4/12/2013	12:00	stvul	6	5			205	10	5	5	Safira	ABU, JTP, AHI

Date	TimeUTC	Species	TransSegm	Number	Age	Plumage	Behaviour	Distance	Height	Direction	Vessel	Observers
4/12/2013	12:00	stvul	6	2			205	10	5	5	Safira	ABU, JTP, AHI
4/12/2013	12:00	stvul	6	3			205	15	5	5	Safira	ABU, JTP, AHI
4/12/2013	12:00	tuphi	6	1			205	20	5	7	Safira	ABU, JTP, AHI
4/12/2013	12:15	anpra	3	1			205	10	5	3	Safira	ABU, JTP, AHI
4/12/2013	12:15	copal	2	8			205	100	10	5	Safira	ABU, JTP, AHI
4/12/2013	12:15	copal	3	1			205	50	10	4	Safira	ABU, JTP, AHI
4/12/2013	12:15	copal	3	3			205	50	5	10	Safira	ABU, JTP, AHI
4/12/2013	12:15	frcoe	6	1		M	205	10	10	3	Safira	ABU, JTP, AHI
4/12/2013	12:15	stvul	7	3			205	50	10	3	Safira	ABU, JTP, AHI
4/12/2013	12:15	stvul	3	4			205	100	15	4	Safira	ABU, JTP, AHI
4/12/2013	12:15	tumer	6	1	ad	M	205	10	2	9	Safira	ABU, JTP, AHI
4/12/2013	12:15	tuphi	7	1			205	50	10	3	Safira	ABU, JTP, AHI
4/12/2013	12:30	copal	6	2			205	150	5	6	Safira	ABU, JTP, AHI
4/12/2013	12:30	errub	3	2			205	20	5	4	Safira	ABU, JTP, AHI
4/12/2013	12:30	frcoe	3	7			205	20	5	4	Safira	ABU, JTP, AHI
4/12/2013	12:30	stvul	3	1			205	20	5	4	Safira	ABU, JTP, AHI
4/12/2013	12:30	tupil	3	2			205	10	1	4	Safira	ABU, JTP, AHI
4/12/2013	13:00	anpra	3	1			205	50	5	8	Safira	ABU, JTP, AHI
4/12/2013	13:15	moalb	6	2			205	20	10	4	Safira	ABU, JTP, AHI
4/12/2013	13:30	frcoe	2	20			205	5	10	4	Safira	ABU, JTP, AHI
4/12/2013	13:30	pamaj	2	5			205	5	10	4	Safira	ABU, JTP, AHI
4/12/2013	13:30	stvul	6	3			205	0	20	2	Safira	ABU, JTP, AHI
4/12/2013	13:45	cachl	3	1			205	0	10	4	Safira	ABU, JTP, AHI
4/12/2013	13:45	frcoe	3	3			205	0	10	4	Safira	ABU, JTP, AHI
4/12/2013	13:45	moalb	2	6			205	0	10	8	Safira	ABU, JTP, AHI
4/12/2013	14:00	alarv	3	19			205	0	5	4	Safira	ABU, JTP, AHI
4/12/2013	14:15	frcoe	3	50			205	0	2	4	Safira	ABU, JTP, AHI
4/12/2013	14:15	gagal	3	1			205	30	20	4	Safira	ABU, JTP, AHI

Date	TimeUTC	Species	TransSegm	Number	Age	Plumage	Behaviour	Distance	Height	Direction	Vessel	Observers
4/12/2013	14:15	stzul	7	26			205	10	10	5	Safira	ABU, JTP, AHI
4/12/2013	14:30	frcoe	7	23			205	20	15	4	Safira	ABU, JTP, AHI
4/12/2013	14:30	moalb	7	2			205	20	5	4	Safira	ABU, JTP, AHI
4/12/2013	14:45	moalb	6	4			205	20	5	9	Safira	ABU, JTP, AHI
4/12/2013	14:45	moalb	3	8			205	50	15	5	Safira	ABU, JTP, AHI
4/12/2013	14:45	prmod	7	2			205	20	5	4	Safira	ABU, JTP, AHI
4/12/2013	14:45	stzul	7	40			205	200	20	4	Safira	ABU, JTP, AHI
4/12/2013	14:45	tumer	7	2		W	205	150	15	4	Safira	ABU, JTP, AHI
4/12/2013	15:15	frcoe	7	5			205	20	20	9	Safira	ABU, JTP, AHI
4/12/2013	15:15	frcoe	2	4			205	20	5	4	Safira	ABU, JTP, AHI
4/12/2013	15:15	larid	6	3	ad	B	205	200	1	2	Safira	ABU, JTP, AHI
4/12/2013	15:15	pamaj	6	5			205	20	5	9	Safira	ABU, JTP, AHI
4/12/2013	15:30	emsch	7	1		W	205	20	2	9	Safira	ABU, JTP, AHI
4/12/2013	15:30	larid	7	4	ad	B	205	250	10	2	Safira	ABU, JTP, AHI
4/12/2013	15:30	pamaj	6	3			205	20	1	3	Safira	ABU, JTP, AHI
4/12/2013	15:30	stzul	3	3			205	200	25	3	Safira	ABU, JTP, AHI
4/12/2013	15:45	frcoe	7	17			205	20	10	9	Safira	ABU, JTP, AHI
4/12/2013	15:45	luarb	7	1			205	50	15	9	Safira	ABU, JTP, AHI
4/12/2013	16:30	alarv	4	5			205	0	10	3	Safira	ABU, JTP, AHI
4/12/2013	16:30	moalb	4	1			205	0	10	3	Safira	ABU, JTP, AHI
4/12/2013	16:45	anpen	6	12			205	50	20	3	Safira	ABU, JTP, AHI
4/12/2013	17:00	anpra	7	1			205	0	5	4	Safira	ABU, JTP, AHI
4/13/2013	3:30	stzul	6	200				0	20	2	Safira	ABU, JTP, AHI
4/13/2013	3:45	frmon	3	1				10	20	4	Safira	ABU, JTP, AHI
4/13/2013	3:45	tuili	2	2				30	20	4	Safira	ABU, JTP, AHI
4/13/2013	3:45	tupil	3	1				0	20	4	Safira	ABU, JTP, AHI
4/13/2013	4:00	alarv	3	3				30	30	5	Safira	ABU, JTP, AHI
4/13/2013	4:00	tumer	3	20						4	Safira	ABU, JTP, AHI

Date	TimeUTC	Species	TransSegm	Number	Age	Plumage	Behaviour	Distance	Height	Direction	Vessel	Observers
4/13/2013	4:15	anpra	2	2				20	10	8	Safira	ABU, JTP, AHI
4/13/2013	4:15	tumer	3	1						4	Safira	ABU, JTP, AHI
4/13/2013	4:15	tumer	2	5						4	Safira	ABU, JTP, AHI
4/13/2013	4:30	copal	3	8				0	15	8	Safira	ABU, JTP, AHI
4/13/2013	4:30	luarb	3	1				10	15	4	Safira	ABU, JTP, AHI
4/13/2013	4:30	moalb	3	5				30	15	4	Safira	ABU, JTP, AHI
4/13/2013	4:45	moalb	2	6				0	10	3	Safira	ABU, JTP, AHI
4/13/2013	5:00	stzul	6	13				0	25	9	Safira	ABU, JTP, AHI
4/13/2013	5:15	anacu	3	10							Safira	ABU, JTP, AHI
4/13/2013	5:15	copal	3	3				70	20	4	Safira	ABU, JTP, AHI
4/13/2013	5:15	frcoe	3	3				0	20	7	Safira	ABU, JTP, AHI
4/13/2013	5:15	frcoe	3	7				0	20	7	Safira	ABU, JTP, AHI
4/13/2013	5:15	stzul	3	50				0	20	9	Safira	ABU, JTP, AHI
4/13/2013	5:15	tumer	3	1				0	5	2	Safira	ABU, JTP, AHI
4/13/2013	5:15	tuphi	3	10				80	10	4	Safira	ABU, JTP, AHI
4/13/2013	5:15	turdus	3	10				0	20	9	Safira	ABU, JTP, AHI
4/13/2013	6:00	anpra	3	1				0	10	8	Safira	ABU, JTP, AHI
4/13/2013	6:00	copal	3	26				0	15	9	Safira	ABU, JTP, AHI
4/13/2013	6:00	moalb	3	6				0	3	8	Safira	ABU, JTP, AHI
4/13/2013	6:00	moalb	3	25				10	10	4	Safira	ABU, JTP, AHI
4/13/2013	6:15	anacu	3	10				200			Safira	ABU, JTP, AHI
4/13/2013	6:15	anpra	2	5				10	10	4	Safira	ABU, JTP, AHI
4/13/2013	6:30	frcoe	3	25				20	10	6	Safira	ABU, JTP, AHI
4/13/2013	6:45	anacu	7	10				100			Safira	ABU, JTP, AHI
4/13/2013	6:45	anpra	3	18				10	20	5	Safira	ABU, JTP, AHI
4/13/2013	6:45	anpra	3	3				10	10	4	Safira	ABU, JTP, AHI
4/13/2013	6:45	emsch	2	1		M		0	3	6	Safira	ABU, JTP, AHI
4/13/2013	6:45	frcoe	7	20				10	10	3	Safira	ABU, JTP, AHI

Date	TimeUTC	Species	TransSegm	Number	Age	Plumage	Behaviour	Distance	Height	Direction	Vessel	Observers
4/13/2013	6:45	frcoe	3	40				0	10	6	Safira	ABU, JTP, AHI
4/13/2013	6:45	frmon	7	2				10	20	3	Safira	ABU, JTP, AHI
4/13/2013	7:00	anacu	3	20				100			Safira	ABU, JTP, AHI
4/13/2013	7:00	anpen	3	5				100			Safira	ABU, JTP, AHI
4/13/2013	7:00	prmod	3	1				20	20	4	Safira	ABU, JTP, AHI
4/13/2013	7:00	tuphi	3	1				100	10	4	Safira	ABU, JTP, AHI
4/13/2013	7:15	anpra	3	1				0	20	3	Safira	ABU, JTP, AHI
4/13/2013	7:15	moalb	3	20				0	10	9	Safira	ABU, JTP, AHI
4/13/2013	7:15	stzul	3	30				0	15	8	Safira	ABU, JTP, AHI
4/13/2013	7:30	anacu	3	20						9	Safira	ABU, JTP, AHI
4/13/2013	7:30	anpen	3	20						9	Safira	ABU, JTP, AHI
4/13/2013	7:30	cacan	3	4				10	10	2	Safira	ABU, JTP, AHI
4/13/2013	7:30	prmod	3	5				0	10	9	Safira	ABU, JTP, AHI
4/13/2013	7:45	anacu	2	5				40	20	4	Safira	ABU, JTP, AHI
4/13/2013	7:45	tuili	2	2				0	20	4	Safira	ABU, JTP, AHI
4/13/2013	7:45	tumer	2	2				0	20	4	Safira	ABU, JTP, AHI
4/13/2013	8:00	acnis	2	1		F		30	20	6	Safira	ABU, JTP, AHI
4/13/2013	8:15	cafla	6	4				0	15	2	Safira	ABU, JTP, AHI
4/13/2013	8:15	caspi	6	2				0	10	2	Safira	ABU, JTP, AHI
4/13/2013	8:15	copal	3	2				30	20	7	Safira	ABU, JTP, AHI
4/13/2013	8:15	pamaj	6	35				10	20	7	Safira	ABU, JTP, AHI
4/13/2013	8:30	cocox	6	1				20	15	1	Safira	ABU, JTP, AHI
4/13/2013	8:30	copal	6	3				20	15	7	Safira	ABU, JTP, AHI
4/13/2013	8:30	cycyg	6	15				100		5	Safira	ABU, JTP, AHI
4/13/2013	8:30	pamaj	3	40				100	50	7	Safira	ABU, JTP, AHI
4/13/2013	8:30	pamaj	2	20				0	50	8	Safira	ABU, JTP, AHI
4/13/2013	9:00	aecau	2	4				0	15	7	Safira	ABU, JTP, AHI
4/13/2013	9:00	pamaj	7	20				0	20	9	Safira	ABU, JTP, AHI

Date	TimeUTC	Species	TransSegm	Number	Age	Plumage	Behaviour	Distance	Height	Direction	Vessel	Observers
4/13/2013	9:00	pamaj	3	28				0	20	5	Safira	ABU, JTP, AHI
4/13/2013	9:00	unfin	5	4				500	10	5	Safira	ABU, JTP, AHI
4/13/2013	9:15	anasp	6	3				1500	1	3	Safira	ABU, JTP, AHI
4/13/2013	9:15	copal		30				1000	20	7	Safira	ABU, JTP, AHI
4/13/2013	9:15	cyspe	7	2				1000	2	3	Safira	ABU, JTP, AHI
4/13/2013	9:15	frcoe		15				0	10	5	Safira	ABU, JTP, AHI
4/13/2013	9:15	memer	1	1		M		1000	10	3	Safira	ABU, JTP, AHI
4/13/2013	9:15	memer	1	1		F		1000	10	3	Safira	ABU, JTP, AHI
4/13/2013	9:15	stzul	2	5				20	2	5	Safira	ABU, JTP, AHI
4/13/2013	9:30	anacu	3	17				800	100	5	Safira	ABU, JTP, AHI
4/13/2013	9:30	analb	2	12				0	150	3	Safira	ABU, JTP, AHI
4/13/2013	9:30	copal	2	45				1000	30	6	Safira	ABU, JTP, AHI
4/13/2013	9:30	cycyg	3	3	ad			500	10	4	Safira	ABU, JTP, AHI
4/13/2013	9:30	cycyg	3	3	imm			500	10	4	Safira	ABU, JTP, AHI
4/13/2013	9:30	cycyg	3	2	ad			500	15	3	Safira	ABU, JTP, AHI
4/13/2013	9:30	cycyg	3	2	imm			500	15	3	Safira	ABU, JTP, AHI
4/13/2013	9:30	frcoe	3	20				20	5	8	Safira	ABU, JTP, AHI
4/13/2013	9:30	frcoe	7	6				200	5	2	Safira	ABU, JTP, AHI
4/13/2013	9:30	mefus	1	1				1500	20	4	Safira	ABU, JTP, AHI
4/13/2013	9:30	pamaj	7	25				10	40	7	Safira	ABU, JTP, AHI
4/13/2013	9:30	stzul	3	3				10	20	5	Safira	ABU, JTP, AHI
4/13/2013	9:45	copal	4	22				1800	15	7	Safira	ABU, JTP, AHI
4/13/2013	10:00	anasp		12				2200	2	2	Safira	ABU, JTP, AHI
4/13/2013	10:00	anasp	4	14				1500	25	3	Safira	ABU, JTP, AHI
4/13/2013	10:00	anasp	1	1				1100	3	3	Safira	ABU, JTP, AHI
4/13/2013	10:00	anasp	4	4				1800	5	8	Safira	ABU, JTP, AHI
4/13/2013	10:00	clhye	2	40				1000	1	7	Safira	ABU, JTP, AHI
4/13/2013	10:00	cooen	7	1				750	1	6	Safira	ABU, JTP, AHI

Date	TimeUTC	Species	TransSegm	Number	Age	Plumage	Behaviour	Distance	Height	Direction	Vessel	Observers
4/13/2013	10:00	copal	7	30				1000	30	6	Safira	ABU, JTP, AHI
4/13/2013	10:00	copal	7	60				750	1	6	Safira	ABU, JTP, AHI
4/13/2013	10:00	gavsp	1	1				1500	40	5	Safira	ABU, JTP, AHI
4/13/2013	10:00	pamaj	3	20				20	10	8	Safira	ABU, JTP, AHI
4/13/2013	10:15	clhye	3	38				400	1	8	Safira	ABU, JTP, AHI
4/13/2013	10:15	cycyg	3	4	imm			400	50	4	Safira	ABU, JTP, AHI
4/13/2013	10:15	cycyg	3	14	ad			400	50	4	Safira	ABU, JTP, AHI
4/13/2013	10:15	frcoe	3	12				20	5	9	Safira	ABU, JTP, AHI
4/13/2013	10:15	frcoe	3	20				20	5	9	Safira	ABU, JTP, AHI
4/13/2013	10:15	frcoe	3	10				200	20	9	Safira	ABU, JTP, AHI
4/13/2013	10:15	frmon	2	1				40	10	4	Safira	ABU, JTP, AHI
4/13/2013	10:15	grgru	7	1				2000	200	3	Safira	ABU, JTP, AHI
4/13/2013	10:15	pamaj	2	16				20	5	8	Safira	ABU, JTP, AHI
4/13/2013	10:15	pamaj	2	9				200	10	8	Safira	ABU, JTP, AHI
4/13/2013	10:15	phcar	1	16				1000	25	3	Safira	ABU, JTP, AHI
4/13/2013	10:30	alarv	2	1				10	15	5	Safira	ABU, JTP, AHI
4/13/2013	10:30	anasp	3	7				1000	1	4	Safira	ABU, JTP, AHI
4/13/2013	10:30	copal	4	3				1300	5	7	Safira	ABU, JTP, AHI
4/13/2013	10:30	emcit	7	1				20	5	5	Safira	ABU, JTP, AHI
4/13/2013	10:30	frcoe	3	40				20	5	7	Safira	ABU, JTP, AHI
4/13/2013	10:30	frcoe	3	2				200	1	9	Safira	ABU, JTP, AHI
4/13/2013	10:30	mefus	8	6				1500	10	4	Safira	ABU, JTP, AHI
4/13/2013	10:30	pamaj	3	35				20	10	8	Safira	ABU, JTP, AHI
4/13/2013	10:45	anasp	3	1				800	50	4	Safira	ABU, JTP, AHI
4/13/2013	10:45	anasp		6				2200	200	3	Safira	ABU, JTP, AHI
4/13/2013	10:45	anpra	3	1				50	1	8	Safira	ABU, JTP, AHI
4/13/2013	10:45	copal	5	1				500	4	6	Safira	ABU, JTP, AHI
4/13/2013	10:45	prmod		1				50	50		Safira	ABU, JTP, AHI



Date	TimeUTC	Species	TransSegm	Number	Age	Plumage	Behaviour	Distance	Height	Direction	Vessel	Observers
4/13/2013	11:30	anasp	8	6				1100	50	3	Safira	ABU, JTP, AHI
4/13/2013	11:45	menig	8	2				1700	10	3	Safira	ABU, JTP, AHI
4/13/2013	11:45	moalb	7	1				10	10	5	Safira	ABU, JTP, AHI
4/13/2013	11:45	stvul	7	1				10	10	5	Safira	ABU, JTP, AHI
4/13/2013	11:45	tuili	7	1				100	10	7	Safira	ABU, JTP, AHI
4/13/2013	12:00	cycol	8	1	imm			1200	10	3	Safira	ABU, JTP, AHI
4/13/2013	12:00	cycyg	8	2	imm			1200	10	3	Safira	ABU, JTP, AHI
4/13/2013	12:00	cycyg	8	1	ad			1200	10	3	Safira	ABU, JTP, AHI
4/13/2013	12:00	cyspe		5				2500	5	3	Safira	ABU, JTP, AHI
4/13/2013	12:00	emsch		1							Safira	ABU, JTP, AHI
4/13/2013	12:00	luarb	7	1				50	15	5	Safira	ABU, JTP, AHI
4/13/2013	12:15	frcoe	7	5				20	10	6	Safira	ABU, JTP, AHI
4/13/2013	12:15	moalb	7	4				20	10	6	Safira	ABU, JTP, AHI
4/13/2013	12:15	unpas	3	1				500	2	7	Safira	ABU, JTP, AHI
4/13/2013	12:15	unpas	3	3				400	15	7	Safira	ABU, JTP, AHI
4/13/2013	12:30	frcoe	7	11				0	10	6	Safira	ABU, JTP, AHI
4/13/2013	12:30	frcoe	7	6				0	5	5	Safira	ABU, JTP, AHI
4/13/2013	12:30	frmon	7	2				0	10	6	Safira	ABU, JTP, AHI
4/13/2013	12:30	unpas	2	1				0	2	6	Safira	ABU, JTP, AHI
4/13/2013	12:30	unpas	3	4				100	10	5	Safira	ABU, JTP, AHI
4/13/2013	12:45	frcoe	7	6				0	5	5	Safira	ABU, JTP, AHI
4/13/2013	12:45	moalb	7	2				0	5	5	Safira	ABU, JTP, AHI
4/13/2013	13:00	moalb	7	2				0	10	5	Safira	ABU, JTP, AHI
4/13/2013	13:00	moalb	7	1				10	10	4	Safira	ABU, JTP, AHI
4/13/2013	13:15	anasp	8	5				1500	90	3	Safira	ABU, JTP, AHI
4/13/2013	13:15	frcoe	7	2				10	10	4	Safira	ABU, JTP, AHI
4/13/2013	13:15	frmon	7	1				10	5	4	Safira	ABU, JTP, AHI
4/13/2013	13:30	cycyg	8	3	imm			1300	50	5	Safira	ABU, JTP, AHI

Date	TimeUTC	Species	TransSegm	Number	Age	Plumage	Behaviour	Distance	Height	Direction	Vessel	Observers
4/13/2013	13:30	cycyg	8	3	ad			1300	50	5	Safira	ABU, JTP, AHI
4/13/2013	13:30	moalb	7	2				10	5	4	Safira	ABU, JTP, AHI
4/13/2013	13:30	unpas	3	3				150	5	5	Safira	ABU, JTP, AHI
4/13/2013	14:00	cachl	7	6				10	10	6	Safira	ABU, JTP, AHI
4/13/2013	14:00	frcoe	2	1		M		20	10	6	Safira	ABU, JTP, AHI
4/13/2013	14:00	hirus	7	1				10	15	5	Safira	ABU, JTP, AHI
4/13/2013	14:00	moalb	7	2				30	10	5	Safira	ABU, JTP, AHI
4/13/2013	14:15	anpra	3	2							Safira	ABU, JTP, AHI
4/13/2013	14:30	alarv	3	4				20	10	5	Safira	ABU, JTP, AHI
4/13/2013	14:30	anpra	3	1							Safira	ABU, JTP, AHI
4/13/2013	15:00	cachl	3	2				30	10	4	Safira	ABU, JTP, AHI
4/13/2013	15:30	frcoe	3	7				0	10	4	Safira	ABU, JTP, AHI
4/13/2013	16:30	acnis	7	1	ad	W		20	10	3	Safira	ABU, JTP, AHI
4/13/2013	16:30	copal	7	20				250	25	7	Safira	ABU, JTP, AHI
4/13/2013	16:30	copal	8	83				500	15	7	Safira	ABU, JTP, AHI
4/13/2013	16:30	frcoe	7	3				20	10	8	Safira	ABU, JTP, AHI
4/13/2013	16:30	frcoe	7	9				20	10	8	Safira	ABU, JTP, AHI
4/13/2013	16:30	frmon	7	2				20	10	8	Safira	ABU, JTP, AHI
4/13/2013	16:30	pamaj	7	1				20	10	8	Safira	ABU, JTP, AHI
4/13/2013	16:30	pamaj	3	1				20	10	9	Safira	ABU, JTP, AHI
4/13/2013	16:30	stvul	7	1				20	10	8	Safira	ABU, JTP, AHI
4/13/2013	16:45	copal	3	1				100	50	8	Safira	ABU, JTP, AHI
4/13/2013	16:45	copal	8	2				1000	2	7	Safira	ABU, JTP, AHI
4/13/2013	16:45	pamaj	2	1				20	15	4	Safira	ABU, JTP, AHI
4/13/2013	17:00	alarv	3	1				50	20	4	Safira	ABU, JTP, AHI
4/13/2013	17:15	lacan	4	1			103	800	80	5	Safira	ABU, JTP, AHI
4/13/2013	17:30	frcoe	3	9				50	10	8	Safira	ABU, JTP, AHI
4/13/2013	17:45	copal	2	1				0	15	7	Safira	ABU, JTP, AHI



Date	TimeUTC	Species	TransSegm	Number	Age	Plumage	Behaviour	Distance	Height	Direction	Vessel	Observers
4/13/2013	17:45	frcoe	2	2				0	1	7	Safira	ABU, JTP, AHI
4/23/2013	8:30	nupha	2	2			205	100	20	2	Safira	ABU, JTP, AHI
4/23/2013	9:00	caspi	2	1			205				Safira	ABU, JTP, AHI
4/23/2013	17:00	gaarc	3	1			103	500	50	4	Safira	ABU, JTP, AHI
4/24/2013	3:15	errub	3	1			205	10	5	8	Safira	ABU, JTP, AHI
4/24/2013	3:30	clhye	7	35			205	700	2	3	Safira	ABU, JTP, AHI
4/24/2013	3:30	gavsp	4	1			205	1200	30	4	Safira	ABU, JTP, AHI
4/24/2013	3:45	anasp	2	30			205	800	2	3	Safira	ABU, JTP, AHI
4/24/2013	3:45	anasp	4	20			205	1300	3	4	Safira	ABU, JTP, AHI
4/24/2013	3:45	anspe	4	5			205	2000	50	4	Safira	ABU, JTP, AHI
4/24/2013	3:45	gaarc	3	2			205	200	30	4	Safira	ABU, JTP, AHI
4/24/2013	3:45	gavsp	1	1			205	1200	30	4	Safira	ABU, JTP, AHI
4/24/2013	3:45	menig	3	1			103	300	5	5	Safira	ABU, JTP, AHI
4/24/2013	3:45	menig	3	6			205	600	3	3	Safira	ABU, JTP, AHI
4/24/2013	3:45	sthir	3	3			205	500	50	4	Safira	ABU, JTP, AHI
4/24/2013	4:00	anclly	2	9			205	300	100	4	Safira	ABU, JTP, AHI
4/24/2013	4:00	clhye	3	8			205	900	3	4	Safira	ABU, JTP, AHI
4/24/2013	4:00	sthir	7	4			205	200	20	3	Safira	ABU, JTP, AHI
4/24/2013	4:15	anasp	3	7			205	400	20	3	Safira	ABU, JTP, AHI
4/24/2013	4:15	clhye	3	1		M	205	300	2	4	Safira	ABU, JTP, AHI
4/24/2013	4:15	clhye	.3	1		F	205	300	2	4	Safira	ABU, JTP, AHI
4/24/2013	4:15	moalb	7	1			205	20	5	9	Safira	ABU, JTP, AHI
4/24/2013	4:15	unpas	7	1			205	30	5	9	Safira	ABU, JTP, AHI
4/24/2013	4:30	anasp	3	1			205	800	20	3	Safira	ABU, JTP, AHI
4/24/2013	4:30	anasp	2	8			205	800	3	3	Safira	ABU, JTP, AHI
4/24/2013	4:30	anasp	3	9			205	500	20	3	Safira	ABU, JTP, AHI
4/24/2013	4:30	anasp	3	7			205	1000	100	3	Safira	ABU, JTP, AHI
4/24/2013	4:30	menig	6	7		M	205	200	20	2	Safira	ABU, JTP, AHI

Date	TimeUTC	Species	TransSegm	Number	Age	Plumage	Behaviour	Distance	Height	Direction	Vessel	Observers
4/24/2013	4:30	menig	6	1		F	205	200	20	2	Safira	ABU, JTP, AHI
4/24/2013	4:45	anasp	3	8			205	1000	20	4	Safira	ABU, JTP, AHI
4/24/2013	4:45	anasp	1	8			205	1000	20	4	Safira	ABU, JTP, AHI
4/24/2013	4:45	cegry	2	1		B	205	200	1	8	Safira	ABU, JTP, AHI
4/24/2013	4:45	clhye	6	1		F	205	50	2	2	Safira	ABU, JTP, AHI
4/24/2013	4:45	clhye	6	1		M	205	50	2	2	Safira	ABU, JTP, AHI
4/24/2013	4:45	menig	3	36			205	200	10	4	Safira	ABU, JTP, AHI
4/24/2013	5:00	anasp	1	3			205	1500	20	4	Safira	ABU, JTP, AHI
4/24/2013	5:00	anasp	1	15			205	1500	30	3	Safira	ABU, JTP, AHI
4/24/2013	5:00	anasp	1	50			205	1500	20	4	Safira	ABU, JTP, AHI
4/24/2013	5:00	anasp	5	7			205	1500	20	3	Safira	ABU, JTP, AHI
4/24/2013	5:00	gaarc	2	1			205	30	10	3	Safira	ABU, JTP, AHI
4/24/2013	5:00	gavsp	7	1			205	100	10	5	Safira	ABU, JTP, AHI
4/24/2013	5:00	mefus	2	2			205	400	10	3	Safira	ABU, JTP, AHI
4/24/2013	5:00	mefus	2	3			205	600	20	4	Safira	ABU, JTP, AHI
4/24/2013	5:00	menig	7	4			205	80	5	6	Safira	ABU, JTP, AHI
4/24/2013	5:00	menig	6	35			205	300	10	3	Safira	ABU, JTP, AHI
4/24/2013	5:15	anasp	1	15			205	1600	20	3	Safira	ABU, JTP, AHI
4/24/2013	5:15	anasp	4	50			205	1500	20	4	Safira	ABU, JTP, AHI
4/24/2013	5:15	clhye	7	1			205	300	10	3	Safira	ABU, JTP, AHI
4/24/2013	5:15	menig	7	70			205	300	10	3	Safira	ABU, JTP, AHI
4/24/2013	5:15	menig	2	14			205	50	50	3	Safira	ABU, JTP, AHI
4/24/2013	5:15	menig	6	70			205	300	20	2	Safira	ABU, JTP, AHI
4/24/2013	5:15	menig	3	83			205	1000	5	4	Safira	ABU, JTP, AHI
4/24/2013	6:00	menig	3	8			205	800	10	4	Safira	ABU, JTP, AHI
4/24/2013	6:00	menig	2	12			205	500	20	4	Safira	ABU, JTP, AHI
4/24/2013	6:15	anasp	1	30			205	1600	30	4	Safira	ABU, JTP, AHI
4/24/2013	6:15	gavsp	4	2			205	1500	30	4	Safira	ABU, JTP, AHI



Date	TimeUTC	Species	TransSegm	Number	Age	Plumage	Behaviour	Distance	Height	Direction	Vessel	Observers
4/24/2013	6:15	lamin	3	1		B	205	500	20	4	Safira	ABU, JTP, AHI
4/24/2013	6:15	mefus	3	2			205	600	20	4	Safira	ABU, JTP, AHI
4/24/2013	6:15	mefus	1	2			205	1100	10	3	Safira	ABU, JTP, AHI
4/24/2013	6:15	menig	3	31			205	600	20	4	Safira	ABU, JTP, AHI
4/24/2013	6:15	menig	.3	10			205	300	10	3	Safira	ABU, JTP, AHI
4/24/2013	6:30	anasp	1	11			205	1500	50	3	Safira	ABU, JTP, AHI
4/24/2013	6:30	clhye	2	1			205	800	10	3	Safira	ABU, JTP, AHI
4/24/2013	6:30	lamin	3	1			205	700	20	4	Safira	ABU, JTP, AHI
4/24/2013	6:30	menig	2	18			205	800	10	3	Safira	ABU, JTP, AHI
4/24/2013	6:45	cyolo	1	3			205	1500	10	5	Safira	ABU, JTP, AHI
4/24/2013	7:00	alarv	3	1			205	0	10	8	Safira	ABU, JTP, AHI
4/24/2013	7:30	frcoe	6	1			205	0	15	2	Safira	ABU, JTP, AHI
4/24/2013	7:30	moalb	6	1			205	0	15	2	Safira	ABU, JTP, AHI
4/24/2013	7:45	unpas	6	5			205	500	5	6	Safira	ABU, JTP, AHI
4/24/2013	8:15	lamin	7	1			205	1500	5	2	Safira	ABU, JTP, AHI
4/24/2013	8:45	sthip	1	2			205	1200	2	9	Safira	ABU, JTP, AHI
4/24/2013	9:15	luarb	3	1			205				Safira	ABU, JTP, AHI
4/24/2013	10:15	lamin	2	1			205	900	2	9	Safira	ABU, JTP, AHI
4/24/2013	10:30	lamin	1	1			205	1500	2	8	Safira	ABU, JTP, AHI
4/24/2013	15:00	frcoe	7	1		F	103	20	5	6	Safira	ABU, JTP, AHI
4/24/2013	15:00	stpar	2	1	AD	L	205	50	10	4	Safira	ABU, JTP, AHI
4/24/2013	16:30	moalb	7	1			103	10	5	7	Safira	ABU, JTP, AHI
4/24/2013	16:30	phcar	2	1	IMM		103	50	2	8	Safira	ABU, JTP, AHI
4/24/2013	17:00	lamin	2	1	2		103	100	5	8	Safira	ABU, JTP, AHI
4/24/2013	17:15	larid	7	2	juv		103	20	2	5	Safira	ABU, JTP, AHI
4/24/2013	17:15	menig	2	1	juv	F	103	100	10	7	Safira	ABU, JTP, AHI
4/24/2013	17:30	anasp		6			205	4600	50	3	Safira	ABU, JTP, AHI
4/24/2013	17:45	lamin	7	1		B	205	200	20	3	Safira	ABU, JTP, AHI

Date	TimeUTC	Species	TransSegm	Number	Age	Plumage	Behaviour	Distance	Height	Direction	Vessel	Observers
4/24/2013	18:30	anasp	2	5			205	600	2	3	Safira	ABU, JTP, AHI
4/25/2013	3:00	unpas	7	1			205	50	10	3	Safira	ABU, JTP, AHI
4/25/2013	3:15	anasp	3	4			205	900	10	3	Safira	ABU, JTP, AHI
4/25/2013	3:15	clhye	7	2			205	200	2	3	Safira	ABU, JTP, AHI
4/25/2013	3:15	gaarc	3	4			205	100	10	4	Safira	ABU, JTP, AHI
4/25/2013	3:30	anasp		50			205	3200	10	4	Safira	ABU, JTP, AHI
4/25/2013	3:30	menig	3	3			205	300	20	3	Safira	ABU, JTP, AHI
4/25/2013	3:45	anasp		10			205	2800	10	4	Safira	ABU, JTP, AHI
4/25/2013	3:45	gavsp	6	1			205	500	20	6	Safira	ABU, JTP, AHI
4/25/2013	4:00	frcoe	7	3			205	50	5	9	Safira	ABU, JTP, AHI
4/25/2013	4:00	sthip	3	3			205	900	50	3	Safira	ABU, JTP, AHI
4/25/2013	4:15	clhye	7	1		M	103	50	2	7	Safira	ABU, JTP, AHI
4/25/2013	4:15	mespe	7	3			205	500	30	9	Safira	ABU, JTP, AHI
4/25/2013	4:30	anasp		15			205	2800	5	4	Safira	ABU, JTP, AHI
4/25/2013	4:45	anasp		30			205	3500	10	3	Safira	ABU, JTP, AHI
4/25/2013	4:45	anasp		30			205	2500	10	3	Safira	ABU, JTP, AHI
4/25/2013	4:45	anasp		4			205	2500	10	4	Safira	ABU, JTP, AHI
4/25/2013	4:45	mespe	4	15			205	1900	15	3	Safira	ABU, JTP, AHI
4/25/2013	4:45	unpas	7	50			205	500	15	2	Safira	ABU, JTP, AHI
4/25/2013	5:00	anasp	4	30			205	1800	20	4	Safira	ABU, JTP, AHI
4/25/2013	5:00	caspi	3	40			205	0	20	2	Safira	ABU, JTP, AHI
4/25/2013	5:00	menig	7	2			205	300	10	2	Safira	ABU, JTP, AHI
4/25/2013	5:00	menig	7	14			205	100	10	3	Safira	ABU, JTP, AHI
4/25/2013	5:00	moalb	7	1			205	0	15	3	Safira	ABU, JTP, AHI
4/25/2013	5:15	gavsp	3	2			205	1000	30	4	Safira	ABU, JTP, AHI
4/25/2013	5:15	menig	3	4			205	500	15	4	Safira	ABU, JTP, AHI
4/25/2013	5:15	mespe		35			205	3000	20	3	Safira	ABU, JTP, AHI
4/25/2013	6:00	anasp		4			205	3000	10	4	Safira	ABU, JTP, AHI

Date	TimeUTC	Species	TransSegm	Number	Age	Plumage	Behaviour	Distance	Height	Direction	Vessel	Observers
4/25/2013	6:00	anasp		30			205	2200	2	3	Safira	ABU, JTP, AHI
4/25/2013	6:00	cachl	3	1			205	0	15	3	Safira	ABU, JTP, AHI
4/25/2013	6:15	anasp		10			205	2100	10	3	Safira	ABU, JTP, AHI
4/25/2013	6:15	anasp		6			205	2500	20	3	Safira	ABU, JTP, AHI
4/25/2013	6:15	anasp		19			205	2000	5	3	Safira	ABU, JTP, AHI
4/25/2013	6:15	uraal	2	1			103	200	2	6	Safira	ABU, JTP, AHI
4/25/2013	6:30	anspe		11			205	3200	50	4	Safira	ABU, JTP, AHI
4/25/2013	6:30	gaarc	2	2			205	200	20	4	Safira	ABU, JTP, AHI
4/25/2013	6:30	gavsp	2	2			205	500	30	3	Safira	ABU, JTP, AHI
4/25/2013	6:30	gavsp	6	1			205	1200	20	6	Safira	ABU, JTP, AHI
4/25/2013	6:30	mespe	2	5			205	800	10	2	Safira	ABU, JTP, AHI
4/25/2013	6:45	anspe		30			205	2300	10	3	Safira	ABU, JTP, AHI
4/25/2013	6:45	menig	3	2			205	200	20	4	Safira	ABU, JTP, AHI
4/25/2013	7:00	menig	3	1			205	100	5	4	Safira	ABU, JTP, AHI
4/25/2013	7:00	menig	6	8			205	300	20	3	Safira	ABU, JTP, AHI
4/25/2013	7:15	anspe		1			205	2200	50	3	Safira	ABU, JTP, AHI
4/25/2013	7:45	clhye	2	4			103	200	2	8	Safira	ABU, JTP, AHI
4/25/2013	8:00	alarv	6	1			205	50	10	3	Safira	ABU, JTP, AHI
4/25/2013	8:15	anasp		18			205	4000	10	3	Safira	ABU, JTP, AHI
4/25/2013	8:15	frmon	3	1		M	205	10	2	7	Safira	ABU, JTP, AHI
4/25/2013	8:30	anasp		4			205	3200	20	3	Safira	ABU, JTP, AHI
4/25/2013	8:30	anasp		2			205	2000	10	3	Safira	ABU, JTP, AHI
4/25/2013	8:30	anasp		2			205	3200	20	3	Safira	ABU, JTP, AHI
4/25/2013	8:30	menig	2	1		M	205	800	5	3	Safira	ABU, JTP, AHI
4/25/2013	8:30	menig	2	1		F	205	800	5	3	Safira	ABU, JTP, AHI
4/25/2013	8:45	gavsp		1			205	3000	30	4	Safira	ABU, JTP, AHI
4/25/2013	9:00	gavsp	2	1			205	800	10	4	Safira	ABU, JTP, AHI
4/25/2013	9:00	gavsp		1			205	3100	30	4	Safira	ABU, JTP, AHI

Date	TimeUTC	Species	TransSegm	Number	Age	Plumage	Behaviour	Distance	Height	Direction	Vessel	Observers
4/25/2013	9:00	menig	3	1			103	400	2	3	Safira	ABU, JTP, AHI
4/25/2013	9:15	gavsp		1			205	3400	40	3	Safira	ABU, JTP, AHI
4/25/2013	9:15	grgru		20			205	4200	200	4	Safira	ABU, JTP, AHI
4/25/2013	10:00	menig	2	2			103	600	10	3	Safira	ABU, JTP, AHI
4/25/2013	10:15	anspe		2			205	2200	50	3	Safira	ABU, JTP, AHI
4/25/2013	10:15	stvul	7	2			205	0	10	6	Safira	ABU, JTP, AHI
4/25/2013	11:45	menig	2	1		M	103	500	2	8	Safira	ABU, JTP, AHI
4/25/2013	12:45	caspi	2	2			205	0	10	7	Safira	ABU, JTP, AHI
4/25/2013	13:45	lamin	7	1			205	1100	20	3	Safira	ABU, JTP, AHI
4/25/2013	13:45	menig	1	9			205	1000	40	3	Safira	ABU, JTP, AHI
4/25/2013	15:15	mespe		15			205	2500	40	3	Safira	ABU, JTP, AHI
4/25/2013	15:30	lamin	7	1	AD	B	205	200	15	3	Safira	ABU, JTP, AHI
4/25/2013	15:30	pocri	3	1			205	20	2	9	Safira	ABU, JTP, AHI
4/25/2013	15:45	anasp		4			205	2000	40	3	Safira	ABU, JTP, AHI
4/25/2013	15:45	lamin	3	1	AD	B	205	50	10	4	Safira	ABU, JTP, AHI
4/25/2013	16:30	mefus		2			205	2900	5	3	Safira	ABU, JTP, AHI
4/25/2013	16:45	anasp		2			205	2600	15	3	Safira	ABU, JTP, AHI
4/25/2013	16:45	gavsp		1			205	3000	50	4	Safira	ABU, JTP, AHI
4/25/2013	16:45	mespe		3			205	3500	5	3	Safira	ABU, JTP, AHI
4/25/2013	17:00	gavsp		1			205	3000	50	3	Safira	ABU, JTP, AHI
4/25/2013	17:15	anasp		2			205	2900	50	3	Safira	ABU, JTP, AHI
4/25/2013	17:45	mespe		25			205	2200	10	3	Safira	ABU, JTP, AHI
4/25/2013	18:15	anasp	8	4			205	1900	5	3	Safira	ABU, JTP, AHI
4/25/2013	18:15	anasp	8	31			205	1200	10	3	Safira	ABU, JTP, AHI
4/25/2013	18:15	anasp	8	11			205	1800	5	3	Safira	ABU, JTP, AHI
4/25/2013	18:15	gavsp	4	2			205	1300	20	4	Safira	ABU, JTP, AHI
4/25/2013	18:15	mespe		20			205	1300	10	3	Safira	ABU, JTP, AHI
4/26/2013	3:15	anasp	5	5			205	1100	5	2	Safira	ABU, JTP, AHI



Date	TimeUTC	Species	TransSegm	Number	Age	Plumage	Behaviour	Distance	Height	Direction	Vessel	Observers
4/26/2013	3:15	phcar	7	9			205	800	5	2	Safira	ABU, JTP, AHI
4/26/2013	3:30	anasp		15			205	3500	10	3	Safira	ABU, JTP, AHI
4/26/2013	3:30	anasp		8			205	2500	10	3	Safira	ABU, JTP, AHI
4/26/2013	3:30	gavsp	3	1			205	1000	20	4	Safira	ABU, JTP, AHI
4/26/2013	3:45	anasp		9			205	2500	3	3	Safira	ABU, JTP, AHI
4/26/2013	3:45	anasp		4			205	3000	10	3	Safira	ABU, JTP, AHI
4/26/2013	3:45	clhye	7	19			205	800	2	2	Safira	ABU, JTP, AHI
4/26/2013	3:45	clhye	8	16			205	1200	3	2	Safira	ABU, JTP, AHI
4/26/2013	3:45	plapr	7	2			205	10	80	2	Safira	ABU, JTP, AHI
4/26/2013	3:45	unpas	7	1			205	0	10	8	Safira	ABU, JTP, AHI
4/26/2013	4:00	anasp	1	50			205	1000	300	4	Safira	ABU, JTP, AHI
4/26/2013	4:00	anpra	7	1			205	30	20	4	Safira	ABU, JTP, AHI
4/26/2013	4:00	cacar	7	1			205	0	20	6	Safira	ABU, JTP, AHI
4/26/2013	4:00	menig	2	2			103	500	2	2	Safira	ABU, JTP, AHI
4/26/2013	4:15	anasp		10			205	3000	10	3	Safira	ABU, JTP, AHI
4/26/2013	4:15	clhye	1	25			205	1500	20	3	Safira	ABU, JTP, AHI
4/26/2013	4:15	gaarc	3	1			205	800	5	4	Safira	ABU, JTP, AHI
4/26/2013	4:15	lamin	2	1	AD	B	205	600	10	4	Safira	ABU, JTP, AHI
4/26/2013	4:15	menig	1	6			205	1500	20	3	Safira	ABU, JTP, AHI
4/26/2013	4:15	phcar		15			205	3000	10	3	Safira	ABU, JTP, AHI
4/26/2013	4:30	anasp		9			205	2200	2	4	Safira	ABU, JTP, AHI
4/26/2013	4:30	anasp		5			205	2500	5	3	Safira	ABU, JTP, AHI
4/26/2013	4:30	anasp		8			205	3000	20	3	Safira	ABU, JTP, AHI
4/26/2013	4:30	anasp	1	3			205	2000	10	8	Safira	ABU, JTP, AHI
4/26/2013	4:30	clhye	7	1		M	205	400	2	2	Safira	ABU, JTP, AHI
4/26/2013	4:30	clhye	7	1		F	205	400	2	2	Safira	ABU, JTP, AHI
4/26/2013	4:45	anasp		8			205	2500	3	3	Safira	ABU, JTP, AHI
4/26/2013	4:45	anasp		40			205	2800	2	3	Safira	ABU, JTP, AHI

Date	TimeUTC	Species	TransSegm	Number	Age	Plumage	Behaviour	Distance	Height	Direction	Vessel	Observers
4/26/2013	4:45	asotu	2	1			205	0	2	4	Safira	ABU, JTP, AHI
4/26/2013	4:45	clhye		11			205	2200	3	3	Safira	ABU, JTP, AHI
4/26/2013	4:45	menig	1	13			205	1200	5	3	Safira	ABU, JTP, AHI
4/26/2013	4:45	mespe		6			205	2100	20	3	Safira	ABU, JTP, AHI
4/26/2013	4:45	somol		1			205	2200	3	3	Safira	ABU, JTP, AHI
4/26/2013	5:00	anasp		14			205	2500	50	3	Safira	ABU, JTP, AHI
4/26/2013	5:00	caspi	7	2			205	0	20	3	Safira	ABU, JTP, AHI
4/26/2013	5:15	anasp	1	12			205	1800	40	3	Safira	ABU, JTP, AHI
4/26/2013	5:15	lamin	3	1	AD	B	205	500	20	4	Safira	ABU, JTP, AHI
4/26/2013	5:15	mefus	1	7			205	1200	20	4	Safira	ABU, JTP, AHI
4/26/2013	6:00	anasp		15			205	2500	10	3	Safira	ABU, JTP, AHI
4/26/2013	6:00	anasp		12			205	2500	5	3	Safira	ABU, JTP, AHI
4/26/2013	6:15	anasp	1	25			205	1500	2	3	Safira	ABU, JTP, AHI
4/26/2013	6:15	anasp		8			205	3100	30	3	Safira	ABU, JTP, AHI
4/26/2013	6:15	anasp		13			205	3100	40	3	Safira	ABU, JTP, AHI
4/26/2013	6:15	menig	2	3			205	500	30	3	Safira	ABU, JTP, AHI
4/26/2013	6:15	sthip	1	1			205	1500	100	3	Safira	ABU, JTP, AHI
4/26/2013	6:15	sthip	8	7			205	1800	50	4	Safira	ABU, JTP, AHI
4/26/2013	6:30	lamin	7	1	AD	B	205	1000	100	4	Safira	ABU, JTP, AHI
4/26/2013	6:30	mespe		30			205	2100	10	3	Safira	ABU, JTP, AHI
4/26/2013	6:30	mespe		7			205	2100	3	3	Safira	ABU, JTP, AHI
4/26/2013	6:30	mespe	3	4			205	800	25	3	Safira	ABU, JTP, AHI
4/26/2013	6:45	anasp	1	8			205	1900	20	3	Safira	ABU, JTP, AHI
4/26/2013	6:45	lamin	1	5			205	1500	30	4	Safira	ABU, JTP, AHI
4/26/2013	7:00	lamin	6	1			205	800	30	2	Safira	ABU, JTP, AHI
4/26/2013	7:00	mespe	2	6			205	500	15	3	Safira	ABU, JTP, AHI
4/26/2013	7:15	frmon	3	1			205	10	10	4	Safira	ABU, JTP, AHI
4/26/2013	7:15	menig	6	7			205	300	50	3	Safira	ABU, JTP, AHI



Date	TimeUTC	Species	TransSegm	Number	Age	Plumage	Behaviour	Distance	Height	Direction	Vessel	Observers
4/26/2013	7:30	anpra	6	1			205	0	5	6	Safira	ABU, JTP, AHI
4/26/2013	7:30	mespe	1	32			205	1800	20	3	Safira	ABU, JTP, AHI
4/26/2013	7:45	anasp	3	5			205	750	1	3	Safira	ABU, JTP, AHI
4/26/2013	7:45	anpra	3	1			205	0	5	3	Safira	ABU, JTP, AHI
4/26/2013	7:45	anspe	3	7			205	100	5	3	Safira	ABU, JTP, AHI
4/26/2013	7:45	lamin	3	1	AD	B	205	200	15	1	Safira	ABU, JTP, AHI
4/26/2013	8:00	moalb	3	1			205	0	10	3	Safira	ABU, JTP, AHI
4/26/2013	8:00	moalb	3	1			205	20	20	3	Safira	ABU, JTP, AHI
4/26/2013	8:00	unpas	3	1			205	50	30	7	Safira	ABU, JTP, AHI
5/7/2013	8:00	gaarc	1	1	ad	b	103	1100	20	5	Safira	LVH, ABU, MWB
5/7/2013	8:30	altor	2	1		w	103	800	1	4	Safira	LVH, ABU, MWB
5/7/2013	8:30	uraal	2	4		b	103	800	1	4	Safira	LVH, ABU, MWB
5/7/2013	8:45	hirus	1	3				1200	10	5	Safira	LVH, ABU, MWB
5/7/2013	9:45	alcsp	1	2			103	1700	1	4	Safira	LVH, ABU, MWB
5/7/2013	9:45	hirus	2	1				700	5	3	Safira	LVH, ABU, MWB
5/7/2013	9:45	stpar	2	1	ad	l		10	10	4	Safira	LVH, ABU, MWB
5/7/2013	10:00	anpra	2	1							Safira	LVH, ABU, MWB
5/7/2013	10:15	caspi	6	1				20	20	5	Safira	LVH, ABU, MWB
5/7/2013	10:30	altor	6	2		b		400	1	3	Safira	LVH, ABU, MWB
5/7/2013	11:45	gaarc	6	3				700	1	3	Safira	LVH, ABU, MWB
5/7/2013	12:00	hirus	2	1				300	5	5	Safira	LVH, ABU, MWB
5/7/2013	12:00	pahal	2	1	ad			250	1	5	Safira	LVH, ABU, MWB
5/7/2013	13:00	gavsp	6	1			103	800	15	7	Safira	LVH, ABU, MWB
5/7/2013	13:30	stpar	2	1		l		20	1	4	Safira	LVH, ABU, MWB
5/7/2013	14:00	altor	6	1			103	400	5	3	Safira	LVH, ABU, MWB
5/7/2013	14:00	gavsp	5	2				1500	1	3	Safira	LVH, ABU, MWB
5/7/2013	14:15	lacan	6	1	2			10	10	5	Safira	LVH, ABU, MWB
5/7/2013	14:45	sthir	2	1	ad		103	300	10	3	Safira	LVH, ABU, MWB

Date	TimeUTC	Species	TransSegm	Number	Age	Plumage	Behaviour	Distance	Height	Direction	Vessel	Observers
5/7/2013	15:15	gavsp	2	1				700	1	3	Safira	LVH, ABU, MWB
5/7/2013	15:45	gavsp	6	1				900	15	5	Safira	LVH, ABU, MWB
5/7/2013	15:45	uraal	2	1		b	103	100	5	8	Safira	LVH, ABU, MWB
5/7/2013	16:30	stpar	2	1	ad	l		50	10	7	Safira	LVH, ABU, MWB
5/7/2013	16:45	gaste	6	3				700	15	3	Safira	LVH, ABU, MWB
5/7/2013	17:00	gaste	6	1				600	5	3	Safira	LVH, ABU, MWB
5/8/2013	3:15	gaarc	2	1			103	30	15	9	Safira	LVH, ABU, MWB
5/8/2013	3:15	gavsp	1	1				1500	10	3	Safira	LVH, ABU, MWB
5/8/2013	3:15	menig	2	2				400	3	3	Safira	LVH, ABU, MWB
5/8/2013	3:30	gavsp	6	1			103	2000	5	8	Safira	LVH, ABU, MWB
5/8/2013	3:30	stpar	6	1	ad			30	7	2	Safira	LVH, ABU, MWB
5/8/2013	3:45	unpas	6	3			103	40	1	7	Safira	LVH, ABU, MWB
5/8/2013	4:00	clhye	2	1			103	300	1	4	Safira	LVH, ABU, MWB
5/8/2013	4:00	gavsp	1	1				1500	1	4	Safira	LVH, ABU, MWB
5/8/2013	4:00	mefus	2	2				600	1	4	Safira	LVH, ABU, MWB
5/8/2013	4:00	mefus	1	3				1500	1	4	Safira	LVH, ABU, MWB
5/8/2013	4:30	co'do	5	1			103	1200	20	6	Safira	LVH, ABU, MWB
5/8/2013	4:30	mefus	2	6			103	400	1	7	Safira	LVH, ABU, MWB
5/8/2013	4:45	hirus	6	1				50	10	3	Safira	LVH, ABU, MWB
5/8/2013	5:00	clhye	2	7			103	300	2	5	Safira	LVH, ABU, MWB
5/8/2013	5:00	errub	2	1				10	1	4	Safira	LVH, ABU, MWB
5/8/2013	5:15	hirus	2	1				200	1	4	Safira	LVH, ABU, MWB
5/8/2013	5:15	lamin	2	1	ad			200	5	4	Safira	LVH, ABU, MWB
5/8/2013	5:15	mefus	2	1			103	1000	3	4	Safira	LVH, ABU, MWB
5/8/2013	5:15	menig	5	1			103	1200	10	3	Safira	LVH, ABU, MWB
5/8/2013	5:30	antsp	6	1			203	20	4	5	Safira	LVH, ABU, MWB
5/8/2013	5:30	hirus	6	1			203	20	4	5	Safira	LVH, ABU, MWB
5/8/2013	5:30	phcol		1							Safira	LVH, ABU, MWB

Date	TimeUTC	Species	TransSegm	Number	Age	Plumage	Behaviour	Distance	Height	Direction	Vessel	Observers
5/8/2013	6:15	altor	2	1		b	103	700	1	4	Safira	LVH, ABU, MWB
5/8/2013	7:00	larid	2	1	juv		103	200	15	8	Safira	LVH, ABU, MWB
5/8/2013	7:15	hirus	2	1			103	300	40	8	Safira	LVH, ABU, MWB
5/8/2013	7:15	luarb	2	1				200	20	4	Safira	LVH, ABU, MWB
5/8/2013	7:30	sthip	1	4				1200	5	4	Safira	LVH, ABU, MWB
5/8/2013	7:45	antri		1							Safira	LVH, ABU, MWB
5/8/2013	7:45	hirus	2	2				50	5	4	Safira	LVH, ABU, MWB
5/8/2013	8:00	ciaer	6	1		f		600	10	5	Safira	LVH, ABU, MWB
5/8/2013	8:00	phsib		1							Safira	LVH, ABU, MWB
5/8/2013	8:15	menig	2	4				800	5	4	Safira	LVH, ABU, MWB
5/8/2013	8:30	gavsp	5	1			103	1300	1	7	Safira	LVH, ABU, MWB
5/8/2013	8:30	hirus	2	2				400	5	4	Safira	LVH, ABU, MWB
5/8/2013	8:45	altor	2	2		b		450	1	4	Safira	LVH, ABU, MWB
5/8/2013	9:00	hirus	2	1				300	1	9	Safira	LVH, ABU, MWB
5/8/2013	10:15	gavsp	5	1				1200	5	3	Safira	LVH, ABU, MWB
5/8/2013	10:30	arcin	2	2				600	5	3	Safira	LVH, ABU, MWB
5/8/2013	10:45	grgru		10				4700	250	2	Safira	LVH, ABU, MWB
5/8/2013	12:00	hirus	6	1				100	10	3	Safira	LVH, ABU, MWB
5/8/2013	13:15	lamin	6	2	ad	b		250	5	3	Safira	LVH, ABU, MWB
5/8/2013	13:45	lacan	2	1	juv			600	2	5	Safira	LVH, ABU, MWB
5/8/2013	14:30	hirus	2	1				400	20	5	Safira	LVH, ABU, MWB
5/8/2013	15:00	sthir	2	2	ad	b		20	5	4	Safira	LVH, ABU, MWB
5/8/2013	15:15	mespe	5	40				2000	1	2	Safira	LVH, ABU, MWB
5/8/2013	15:30	anasp		2			103	2300	1	2	Safira	LVH, ABU, MWB
5/8/2013	15:30	clhye	7	8			103	400	2	2	Safira	LVH, ABU, MWB
5/8/2013	15:30	hirus	6	1			103	400	2	6	Safira	LVH, ABU, MWB
5/8/2013	15:45	mefus	1	10				1300	1	3	Safira	LVH, ABU, MWB
5/8/2013	15:45	stpar	1	1		l		1500	5	5	Safira	LVH, ABU, MWB

Date	TimeUTC	Species	TransSegm	Number	Age	Plumage	Behaviour	Distance	Height	Direction	Vessel	Observers
5/8/2013	16:30	lamin	2	1	ad	b		500	10	4	Safira	LVH, ABU, MWB
5/8/2013	16:45	menig	6	2		m		150	10	3	Safira	LVH, ABU, MWB
5/8/2013	16:45	menig	6	1		f		150	10	3	Safira	LVH, ABU, MWB
5/8/2013	16:45	stpar	7	1		l	103	300	1	2	Safira	LVH, ABU, MWB
5/8/2013	17:00	anspe		10				3500	50	2	Safira	LVH, ABU, MWB
5/8/2013	17:00	anspe		5				3600	50	2	Safira	LVH, ABU, MWB
5/8/2013	17:45	clhye	6	3		f		50	10	3	Safira	LVH, ABU, MWB
5/8/2013	17:45	clhye	6	5		m		50	10	3	Safira	LVH, ABU, MWB
5/8/2013	18:00	anasp		5				1900	1	3	Safira	LVH, ABU, MWB
5/8/2013	18:00	anasp		10				3600	1	3	Safira	LVH, ABU, MWB
5/8/2013	18:00	anasp		4				2600	5	3	Safira	LVH, ABU, MWB
5/8/2013	18:00	mefus	7	25				400	10	3	Safira	LVH, ABU, MWB
5/8/2013	18:00	phcar	6	1	ad		103	10	15	6	Safira	LVH, ABU, MWB
5/8/2013	18:00	phcar	6	3	imm		103	10	15	6	Safira	LVH, ABU, MWB
5/8/2013	18:15	mefus	6	19				600	5	3	Safira	LVH, ABU, MWB
5/8/2013	18:30	anasp		15				3400	1	3	Safira	LVH, ABU, MWB
5/8/2013	18:30	anasp		25				3900	5	3	Safira	LVH, ABU, MWB
5/8/2013	18:30	anasp		25				2000	1	3	Safira	LVH, ABU, MWB
5/8/2013	18:30	anasp	5	6				1800	1	3	Safira	LVH, ABU, MWB
5/8/2013	18:30	anasp		20				3600	5	3	Safira	LVH, ABU, MWB
5/8/2013	18:30	anasp	8	17				1500	25	3	Safira	LVH, ABU, MWB
5/8/2013	18:30	anasp	8	10				1800	5	3	Safira	LVH, ABU, MWB
5/8/2013	18:30	clhye	7	4		m		300	5	3	Safira	LVH, ABU, MWB
5/8/2013	18:30	clhye	7	3		f		300	5	3	Safira	LVH, ABU, MWB
5/8/2013	18:45	clhye	6	25				700	5	3	Safira	LVH, ABU, MWB
5/8/2013	18:45	menig	8	2				1200	1	3	Safira	LVH, ABU, MWB
5/9/2013	2:45	clhye	1	4				1300	15	3	Safira	LVH, ABU, MWB
5/9/2013	2:45	menig		1				2800	1	2	Safira	LVH, ABU, MWB

Date	TimeUTC	Species	TransSegm	Number	Age	Plumage	Behaviour	Distance	Height	Direction	Vessel	Observers
5/9/2013	3:00	clhye	2	5				400	2	3	Safira	LVH, ABU, MWB
5/9/2013	3:00	menig	1	5				1400	25	4	Safira	LVH, ABU, MWB
5/9/2013	3:15	clhye	5	20				1700	3	2	Safira	LVH, ABU, MWB
5/9/2013	3:15	clhye		4				2200	1	3	Safira	LVH, ABU, MWB
5/9/2013	3:15	mefus	6	3				300	1	2	Safira	LVH, ABU, MWB
5/9/2013	3:15	menig	8	15				1900	10	3	Safira	LVH, ABU, MWB
5/9/2013	3:15	menig	5	8				1100	3	3	Safira	LVH, ABU, MWB
5/9/2013	3:15	menig		4				1900	2	2	Safira	LVH, ABU, MWB
5/9/2013	3:30	anasp	1	12				500	5	2	Safira	LVH, ABU, MWB
5/9/2013	3:30	mefus	6	12				500	5	2	Safira	LVH, ABU, MWB
5/9/2013	3:45	mefus	10	30				800	5	9	Safira	LVH, ABU, MWB
5/9/2013	3:45	mefus	2	1		m	103	400	4	7	Safira	LVH, ABU, MWB
5/9/2013	3:45	menig	7	30				800	5	9	Safira	LVH, ABU, MWB
5/9/2013	4:00	clhye	6	9				300	1	2	Safira	LVH, ABU, MWB
5/9/2013	4:00	mefus	6	5				600	3	3	Safira	LVH, ABU, MWB
5/9/2013	4:00	menig	6	19				400	5	2	Safira	LVH, ABU, MWB
5/9/2013	4:00	menig	6	5				600	3	3	Safira	LVH, ABU, MWB
5/9/2013	4:15	antri		1				100	20		Safira	LVH, ABU, MWB
5/9/2013	4:15	clhye	4	3				1100	10	9	Safira	LVH, ABU, MWB
5/9/2013	4:30	mefus	3	24			103	500	7	4	Safira	LVH, ABU, MWB
5/9/2013	4:30	phcar	6	1	imm		103	50	25	2	Safira	LVH, ABU, MWB
5/9/2013	4:45	fasub	6	1			103	100	10	7	Safira	LVH, ABU, MWB
5/9/2013	4:45	hirus	2	1				50	10	8	Safira	LVH, ABU, MWB
5/9/2013	5:15	unpas	7	1			103	200	1	5	Safira	LVH, ABU, MWB
5/9/2013	6:15	phsib		1							Safira	LVH, ABU, MWB
5/9/2013	6:30	memer	6	1			103	400	10	2	Safira	LVH, ABU, MWB
5/9/2013	6:30	tumer		1							Safira	LVH, ABU, MWB
5/9/2013	6:45	clhye	6	8				600	5	3	Safira	LVH, ABU, MWB

Date	TimeUTC	Species	TransSegm	Number	Age	Plumage	Behaviour	Distance	Height	Direction	Vessel	Observers
5/9/2013	6:45	menig	2	8				600	5	3	Safira	LVH, ABU, MWB
5/9/2013	6:45	unpas	7	2			103	150	5	7	Safira	LVH, ABU, MWB
5/9/2013	7:00	fipar		1		f					Safira	LVH, ABU, MWB
5/9/2013	7:30	fatin	6	1				1000	20	7	Safira	LVH, ABU, MWB
5/9/2013	7:45	co'do	3	1			103	50	10	7	Safira	LVH, ABU, MWB
5/9/2013	8:00	altor	3	1		b		800	1	4	Safira	LVH, ABU, MWB
5/9/2013	8:00	hirus	6	1	ad	m		15	5	3	Safira	LVH, ABU, MWB
5/9/2013	8:00	hirus	2	2				400	5	4	Safira	LVH, ABU, MWB
5/9/2013	8:00	mefus	3	18				600	10	3	Safira	LVH, ABU, MWB
5/9/2013	8:15	menig		15				2400	2	3	Safira	LVH, ABU, MWB
5/9/2013	8:30	clhye	1	12				1600	1	3	Safira	LVH, ABU, MWB
5/9/2013	8:30	gavsp	1	3				1600	30	3	Safira	LVH, ABU, MWB
5/9/2013	8:30	hirus	2	2				600	1	9	Safira	LVH, ABU, MWB
5/9/2013	8:30	hirus	2	1				400	1	9	Safira	LVH, ABU, MWB
5/9/2013	8:30	mefus	6	1				1200	5	6	Safira	LVH, ABU, MWB
5/9/2013	8:30	menig	5	7				1000	10	3	Safira	LVH, ABU, MWB
5/9/2013	8:30	menig	1	1				1200	5	6	Safira	LVH, ABU, MWB
5/9/2013	8:30	unpas	7	1				50	10	6	Safira	LVH, ABU, MWB
5/9/2013	8:30	unpas	7	1		f		50	10	6	Safira	LVH, ABU, MWB
5/9/2013	8:45	anasp	1	16				1500	10	3	Safira	LVH, ABU, MWB
5/9/2013	8:45	carca	6	1				10	10	7	Safira	LVH, ABU, MWB
5/9/2013	8:45	unpas	7	1				50	10	6	Safira	LVH, ABU, MWB
5/9/2013	9:00	hirus	3	1				200	5	7	Safira	LVH, ABU, MWB
5/9/2013	9:00	sthip	3	2				500	10	5	Safira	LVH, ABU, MWB
5/9/2013	9:15	anasp	1	3				1100	1	3	Safira	LVH, ABU, MWB
5/9/2013	9:15	lamin	2	2				800	1	4	Safira	LVH, ABU, MWB
5/9/2013	9:15	lamin	2	2				800	1	4	Safira	LVH, ABU, MWB
5/9/2013	9:15	lamin		2				800	1	4	Safira	LVH, ABU, MWB

Date	TimeUTC	Species	TransSegm	Number	Age	Plumage	Behaviour	Distance	Height	Direction	Vessel	Observers
5/9/2013	9:15	lamin		4				1600	1	4	Safira	LVH, ABU, MWB
5/9/2013	9:15	lamin	2	2				800	1	4	Safira	LVH, ABU, MWB
5/9/2013	9:15	menig	6	3		m		400	1	2	Safira	LVH, ABU, MWB
5/9/2013	9:15	menig	6	1		f		400	1	2	Safira	LVH, ABU, MWB
5/9/2013	9:30	fipar		2		f					Safira	LVH, ABU, MWB
5/9/2013	9:30	frmon		1		f					Safira	LVH, ABU, MWB
5/9/2013	9:30	pamaj		1		m					Safira	LVH, ABU, MWB
5/9/2013	10:15	deurb	6	1				500	5	6	Safira	LVH, ABU, MWB
5/9/2013	10:15	menig	1	1		m		1000	1	4	Safira	LVH, ABU, MWB
5/9/2013	10:15	menig	1	1		f		1000	1	4	Safira	LVH, ABU, MWB
5/9/2013	10:30	fihyp		1	juv	m					Safira	LVH, ABU, MWB
5/9/2013	11:30	gavsp	3	2				500	30	4	Safira	LVH, ABU, MWB
5/9/2013	11:30	menig	6	4				600	10	3	Safira	LVH, ABU, MWB
5/9/2013	13:30	arcin	6	1				250	5	3	Safira	LVH, ABU, MWB
5/9/2013	14:30	altor	6	2		b		900	1	3	Safira	LVH, ABU, MWB
5/9/2013	14:30	hirus	6	3				700	1	5	Safira	LVH, ABU, MWB
5/9/2013	14:45	altor	6	1			103	400	1	8	Safira	LVH, ABU, MWB
5/9/2013	15:00	menig	6	11			103	300	1	3	Safira	LVH, ABU, MWB
5/9/2013	15:15	hirus	6	1			103	100	2	7	Safira	LVH, ABU, MWB
5/9/2013	16:30	anasp		5				2600	30	3	Safira	LVH, ABU, MWB
5/9/2013	16:30	anspe		4				2500	25	3	Safira	LVH, ABU, MWB
5/9/2013	16:30	larid	6	1	juv			100	1	7	Safira	LVH, ABU, MWB
5/9/2013	17:00	hirus	6	2				700	1	7	Safira	LVH, ABU, MWB
5/9/2013	17:15	altor	2	2				500	5	3	Safira	LVH, ABU, MWB
5/9/2013	17:15	menig	5	5				1700	30	3	Safira	LVH, ABU, MWB
5/9/2013	17:30	anasp		9				1500	15	3	Safira	LVH, ABU, MWB
5/10/2013	3:00	clhye		1							Safira	LVH, ABU, MWB
5/10/2013	3:15	caspi		1							Safira	LVH, ABU, MWB

Date	TimeUTC	Species	TransSegm	Number	Age	Plumage	Behaviour	Distance	Height	Direction	Vessel	Observers
5/10/2013	3:15	clhye	2	4				50	7	3	Safira	LVH, ABU, MWB
5/10/2013	3:15	clhye		1							Safira	LVH, ABU, MWB
5/10/2013	3:30	menig		1							Safira	LVH, ABU, MWB
5/10/2013	4:15	clhye		1							Safira	LVH, ABU, MWB
5/10/2013	4:30	clhye		1							Safira	LVH, ABU, MWB
5/10/2013	4:30	clhye	2	2				70	1	3	Safira	LVH, ABU, MWB
5/10/2013	4:45	clhye		1							Safira	LVH, ABU, MWB
5/10/2013	5:00	clhye	2	2				500	1	3	Safira	LVH, ABU, MWB
5/10/2013	5:00	menig	2	6				600	7	3	Safira	LVH, ABU, MWB
5/10/2013	5:30	menig	1	4				1500	2	3	Safira	LVH, ABU, MWB
5/10/2013	5:30	mespe	1	30				1700	1	3	Safira	LVH, ABU, MWB
5/10/2013	6:30	cachl	2	1			103	30	10	7	Safira	LVH, ABU, MWB
5/10/2013	6:45	caspi	2	1			103	20	10	7	Safira	LVH, ABU, MWB
5/10/2013	7:00	hirus	3	1				300	1	8	Safira	LVH, ABU, MWB
5/10/2013	7:00	menig	2	1				400	1	3	Safira	LVH, ABU, MWB
5/10/2013	7:00	menig	5	11				1000	1	3	Safira	LVH, ABU, MWB
5/10/2013	7:15	anasp	6	1				800	1	3	Safira	LVH, ABU, MWB
5/10/2013	7:15	clhye	7	4				800	10	3	Safira	LVH, ABU, MWB
5/10/2013	7:15	menig	5	5				1200	5	3	Safira	LVH, ABU, MWB
5/10/2013	7:30	somol	7	2		m	103	300	1	6	Safira	LVH, ABU, MWB
5/10/2013	7:30	somol	7	1		f	103	300	1	6	Safira	LVH, ABU, MWB
5/10/2013	8:45	clhye	2	1		m	103	400	1	9	Safira	LVH, ABU, MWB
5/10/2013	8:45	clhye	2	1		f	103	400	1	9	Safira	LVH, ABU, MWB
5/10/2013	8:45	menig	3	4				700	2	4	Safira	LVH, ABU, MWB
5/10/2013	9:00	anasp	8	4				1500	2	8	Safira	LVH, ABU, MWB
5/10/2013	9:00	anasp	4	2				1600	1	3	Safira	LVH, ABU, MWB
5/10/2013	9:00	hirus	7	1				10	2	5	Safira	LVH, ABU, MWB
5/10/2013	9:15	gavsp		1				2000	1	3	Safira	LVH, ABU, MWB

Date	TimeUTC	Species	TransSegm	Number	Age	Plumage	Behaviour	Distance	Height	Direction	Vessel	Observers
5/10/2013	9:15	mefus	7	19				300	5	2	Safira	LVH, ABU, MWB
5/10/2013	9:30	hirus	7	2				300	5	3	Safira	LVH, ABU, MWB
5/10/2013	9:30	hirus	7	2				150	5	2	Safira	LVH, ABU, MWB
5/10/2013	9:45	hirus	7	6				600	1	5	Safira	LVH, ABU, MWB
5/10/2013	10:15	hirus	3	2				500	1	3	Safira	LVH, ABU, MWB
5/10/2013	10:30	hirus	7	1				100	1	2	Safira	LVH, ABU, MWB
5/10/2013	10:45	menig	3	6				800	5	3	Safira	LVH, ABU, MWB
5/10/2013	10:45	menig	3	14				400	10	3	Safira	LVH, ABU, MWB
5/10/2013	11:30	antri	3	1				10	5	7	Safira	LVH, ABU, MWB
5/10/2013	11:45	hirus	3	1		m		10	5	8	Safira	LVH, ABU, MWB
5/10/2013	12:30	stpar	2	1		l		10	10	8	Safira	LVH, ABU, MWB
5/10/2013	13:00	altor	3	1		t		200	2	4	Safira	LVH, ABU, MWB
5/10/2013	13:00	hirus	2	1				1000	1	3	Safira	LVH, ABU, MWB
5/10/2013	13:00	menig	1	1				1200	1	4	Safira	LVH, ABU, MWB
5/10/2013	13:15	fasub	2	1				10	2	3	Safira	LVH, ABU, MWB
5/10/2013	14:45	mofla		1		m					Safira	LVH, ABU, MWB
5/10/2013	14:45	mofla		1		f					Safira	LVH, ABU, MWB
5/10/2013	15:45	carca		2							Safira	LVH, ABU, MWB
5/10/2013	16:45	clhye		1							Safira	LVH, ABU, MWB
5/11/2013	3:00	menig		8				2300	10	3	Safira	LVH, ABU, MWB
5/11/2013	3:00	stpar	3	1		d	103	1000	15	7	Safira	LVH, ABU, MWB
5/11/2013	3:15	anasp		2				2200	20	3	Safira	LVH, ABU, MWB
5/11/2013	3:15	anasp		2				1900	25	3	Safira	LVH, ABU, MWB
5/11/2013	3:15	clhye		15				2300	5	3	Safira	LVH, ABU, MWB
5/11/2013	3:15	mefus		20				1900	30	3	Safira	LVH, ABU, MWB
5/11/2013	3:15	menig		12				2700	5	3	Safira	LVH, ABU, MWB
5/11/2013	3:15	mespe		6				1700	1	3	Safira	LVH, ABU, MWB
5/11/2013	3:15	unpas	7	6				900	15	2	Safira	LVH, ABU, MWB

Date	TimeUTC	Species	TransSegm	Number	Age	Plumage	Behaviour	Distance	Height	Direction	Vessel	Observers
5/11/2013	3:30	clhye		8				2000	1	3	Safira	LVH, ABU, MWB
5/11/2013	3:30	clhye	1	12				1200	5	3	Safira	LVH, ABU, MWB
5/11/2013	3:30	clhye	1	8				1800	1	3	Safira	LVH, ABU, MWB
5/11/2013	3:30	hirus	6	1				200	1	3	Safira	LVH, ABU, MWB
5/11/2013	3:30	mefus		2				2000	3	3	Safira	LVH, ABU, MWB
5/11/2013	3:30	mefus	1	8				1800	10	3	Safira	LVH, ABU, MWB
5/11/2013	3:45	cegry	7	1	ad	b	103	20	1	5	Safira	LVH, ABU, MWB
5/11/2013	3:45	clhye		7				3200	1	4	Safira	LVH, ABU, MWB
5/11/2013	3:45	clhye		7				3500	15	3	Safira	LVH, ABU, MWB
5/11/2013	3:45	gaste		2				1900	50	3	Safira	LVH, ABU, MWB
5/11/2013	3:45	mefus		2				2100	5	3	Safira	LVH, ABU, MWB
5/11/2013	3:45	mefus	2	5				1000	10	3	Safira	LVH, ABU, MWB
5/11/2013	3:45	mefus	3	1				1000	7	3	Safira	LVH, ABU, MWB
5/11/2013	3:45	menig	3	1				1000	7	3	Safira	LVH, ABU, MWB
5/11/2013	3:45	uraal	7	1		w	103	20	1	5	Safira	LVH, ABU, MWB
5/11/2013	4:00	clhye		17				2100	2	3	Safira	LVH, ABU, MWB
5/11/2013	4:00	menig		10				2600	1	3	Safira	LVH, ABU, MWB
5/11/2013	4:15	anasp		2				3300	5	3	Safira	LVH, ABU, MWB
5/11/2013	4:15	apapu	1	1			103	1200	5	8	Safira	LVH, ABU, MWB
5/11/2013	4:45	clhye	2	2				600	5	3	Safira	LVH, ABU, MWB
5/11/2013	4:45	clhye	6	5				300	10	3	Safira	LVH, ABU, MWB
5/11/2013	5:00	clhye		2				2300	5	3	Safira	LVH, ABU, MWB
5/11/2013	5:00	hirus	2	1				200	5	4	Safira	LVH, ABU, MWB
5/11/2013	5:00	menig		2				2300	5	3	Safira	LVH, ABU, MWB
5/11/2013	5:15	antri	7	1			103	10	20	6	Safira	LVH, ABU, MWB
5/11/2013	6:15	gaste	3	1				100	15	3	Safira	LVH, ABU, MWB
5/11/2013	6:45	menig	8	5				1400	5	3	Safira	LVH, ABU, MWB
5/11/2013	7:00	mefus	8	2				1700	2	3	Safira	LVH, ABU, MWB



Date	TimeUTC	Species	TransSegm	Number	Age	Plumage	Behaviour	Distance	Height	Direction	Vessel	Observers
5/11/2013	7:00	menig	8	3				1700	2	3	Safira	LVH, ABU, MWB
5/11/2013	7:00	menig	8	3		m		1200	2	3	Safira	LVH, ABU, MWB
5/11/2013	7:00	menig	8	3		f		1200	2	3	Safira	LVH, ABU, MWB
5/11/2013	7:00	phcar	5	4				1600	1	2	Safira	LVH, ABU, MWB
5/11/2013	7:15	mefus	2	20				500	20	3	Safira	LVH, ABU, MWB
5/11/2013	7:15	stpar	2	1		l	103	20	20	5	Safira	LVH, ABU, MWB
5/11/2013	7:30	menig	2	2				900	10	4	Safira	LVH, ABU, MWB
5/11/2013	7:45	mefus	1	20				1900	15	4	Safira	LVH, ABU, MWB
5/11/2013	7:45	menig	6	6				800	15	3	Safira	LVH, ABU, MWB
5/21/2013	5:45	UNPAS	7	1			205	50	50	1	Safira	AJN,ARN,MFI,AHI
5/21/2013	6:00	UNPAS	7	1			205	0	5	8	Safira	AJN,ARN,MFI,AHI
5/21/2013	6:15	FIPAR	7	1			205	0	1	8	Safira	AJN,ARN,MFI,AHI
5/21/2013	6:15	stnsp	7	4			205	1000	1	5	Safira	AJN,ARN,MFI,AHI
5/21/2013	6:45	MENIG	3	1		M	203	500	1	6	Safira	AJN,ARN,MFI,AHI
5/21/2013	6:45	MENIG	8	4			203	1500	2	6	Safira	AJN,ARN,MFI,AHI
5/21/2013	7:00	CO'DO	7	1			205	0	5		Safira	AJN,ARN,MFI,AHI
5/21/2013	7:15	altor	7	1			205	800	1	2	Safira	AJN,ARN,MFI,AHI
5/21/2013	7:15	MESPE	5	3			203	1200	5	7	Safira	AJN,ARN,MFI,AHI
5/21/2013	7:45	MESPE	2	5			205	1100	3	4	Safira	AJN,ARN,MFI,AHI
5/21/2013	8:00	GAARC	7	1			205	1500	15	3	Safira	AJN,ARN,MFI,AHI
5/21/2013	8:00	trtot	7	1			205	400	2	3	Safira	AJN,ARN,MFI,AHI
5/21/2013	8:30	lonae		1			205				Safira	AJN,ARN,MFI,AHI
5/21/2013	8:45	mefus	7	2			205	2000	10	4	Safira	AJN,ARN,MFI,AHI
5/21/2013	9:15	MENIG	7	4		2M 2F	203	900	5	5	Safira	AJN,ARN,MFI,AHI
5/21/2013	9:30	hirus	7	1			205	700	6	6	Safira	AJN,ARN,MFI,AHI
5/21/2013	9:30	mefus	4	1			205	1200	1	6	Safira	AJN,ARN,MFI,AHI
5/21/2013	9:30	MENIG	2	2			205	2000	2	4	Safira	AJN,ARN,MFI,AHI
5/21/2013	10:00	bubut	8	1			205	2800	25	2	Safira	AJN,ARN,MFI,AHI

Date	TimeUTC	Species	TransSegm	Number	Age	Plumage	Behaviour	Distance	Height	Direction	Vessel	Observers
5/21/2013	10:15	deurb	2	1			205	3	4	6	Safira	AJN,ARN,MFI,AHI
5/21/2013	10:15	gavsp	8	3			205	2200	25	3	Safira	AJN,ARN,MFI,AHI
5/21/2013	10:15	MENIG	4	2			203	1600	10	7	Safira	AJN,ARN,MFI,AHI
5/21/2013	10:45	altor	2	1			205	250	1	8	Safira	AJN,ARN,MFI,AHI
5/21/2013	12:15	apapu	3	1			205	100	3	8	Safira	AJN,ARN,MFI,AHI
5/21/2013	12:15	apapu	2	1			205	100	10	8	Safira	AJN,ARN,MFI,AHI
5/21/2013	12:45	MENIG	7	3			205	1500	40	3	Safira	AJN,ARN,MFI,AHI
5/21/2013	13:45	gaste	2	1			205	1500	20	4	Safira	AJN,ARN,MFI,AHI
5/21/2013	14:15	stpap	3	1			205	1000	1	3	Safira	AJN,ARN,MFI,AHI
5/21/2013	15:15	mefus	3	3			205	1500	3	3	Safira	AJN,ARN,MFI,AHI
5/21/2013	15:30	apapu	7	1			205	50	15	8	Safira	AJN,ARN,MFI,AHI
5/21/2013	16:30	hirus	3	1			205	5	5	6	Safira	AJN,ARN,MFI,AHI
5/21/2013	17:00	phcar	1	4			205	1800	100	3	Safira	AJN,ARN,MFI,AHI
5/21/2013	17:15	MENIG	2	11			205	500	2	3	Safira	AJN,ARN,MFI,AHI
5/21/2013	17:30	hirus	7	1			205	100	20	8	Safira	AJN,ARN,MFI,AHI
5/21/2013	17:30	mefus	5	3			205	2200	10	3	Safira	AJN,ARN,MFI,AHI
5/21/2013	17:45	gavsp	5	1			205	2500	15	3	Safira	AJN,ARN,MFI,AHI
5/21/2013	18:00	phcar	6	5			205	1800	10	3	Safira	AJN,ARN,MFI,AHI
5/21/2013	18:15	apapu	7	1			205	50	60	9	Safira	AJN,ARN,MFI,AHI
5/21/2013	18:30	altor	7	1			205	500	10	2	Safira	AJN,ARN,MFI,AHI
5/21/2013	18:45	altor	3	2			205	150	1	3	Safira	AJN,ARN,MFI,AHI
5/21/2013	19:00	MENIG	2	6			205	200	40	3	Safira	AJN,ARN,MFI,AHI
5/21/2013	19:15	hirus	2	2			205	100	2	7	Safira	AJN,ARN,MFI,AHI
5/22/2013	2:15	MENIG	6	2			205	1500	10	4	Safira	AJN,ARN,MFI,AHI
5/22/2013	2:30	cyolo	3	8			205	1500	3	9	Safira	AJN,ARN,MFI,AHI
5/22/2013	2:45	phcar	8	1			205	2000	20	3	Safira	AJN,ARN,MFI,AHI
5/22/2013	3:00	MENIG	6	10			205	1200	1	3	Safira	AJN,ARN,MFI,AHI
5/22/2013	3:15	MENIG	2	9			205	2000	2	8	Safira	AJN,ARN,MFI,AHI

Date	TimeUTC	Species	TransSegm	Number	Age	Plumage	Behaviour	Distance	Height	Direction	Vessel	Observers
5/22/2013	3:15	MOALB	7	1			205	10	5	4	Safira	AJN,ARN,MFI,AHI
5/22/2013	3:30	carca	1	1			205	3	10	4	Safira	AJN,ARN,MFI,AHI
5/22/2013	3:30	MENIG	8	2			205	1500	2	7	Safira	AJN,ARN,MFI,AHI
5/22/2013	3:30	phcar	3	7			205	900	4	3	Safira	AJN,ARN,MFI,AHI
5/22/2013	4:00	apapu	apapu7	2			205	30	8	7	Safira	AJN,ARN,MFI,AHI
5/22/2013	4:00	phcar	8	1			205	2100	15	2	Safira	AJN,ARN,MFI,AHI
5/22/2013	5:15	MENIG	4	4			205	1700	20	3	Safira	AJN,ARN,MFI,AHI
5/22/2013	5:45	MENIG	3	6			205	1000	10	8	Safira	AJN,ARN,MFI,AHI
5/22/2013	6:15	GAARC	2	2	ad	B	205	300	2	4	Safira	AJN,ARN,MFI,AHI
5/22/2013	7:00	altor	3	2			203	300	1	2	Safira	AJN,ARN,MFI,AHI
5/22/2013	7:15	gaste	2	1			205	400	1	8	Safira	AJN,ARN,MFI,AHI
5/22/2013	8:00	hirus	2	1		B	205	3	5	8	Safira	AJN,ARN,MFI,AHI
5/22/2013	8:00	MESER	3	1			205	300	5	2	Safira	AJN,ARN,MFI,AHI
5/22/2013	8:00	MOALB	6	1			205	0	20		Safira	AJN,ARN,MFI,AHI
5/22/2013	8:00	ririp	2	1			205	5	7	5	Safira	AJN,ARN,MFI,AHI
5/22/2013	8:00	UNPAS	6	1			205	0	5	6	Safira	AJN,ARN,MFI,AHI
5/22/2013	8:15	MENIG	8	45			205	1800	5	2	Safira	AJN,ARN,MFI,AHI
5/22/2013	8:30	MENIG		10			205	1500	10	2	Safira	AJN,ARN,MFI,AHI
5/22/2013	8:30	UNPAS	2	1			205	50	20		Safira	AJN,ARN,MFI,AHI
5/22/2013	9:45	acspe	2	1			205	5	5		Safira	AJN,ARN,MFI,AHI
5/22/2013	9:45	apapu	2	1			205	0	4	6	Safira	AJN,ARN,MFI,AHI
5/22/2013	9:45	colsp	8	1			205	1000	120	6	Safira	AJN,ARN,MFI,AHI
5/22/2013	9:45	syatr	2	1		F	205	0	5		Safira	AJN,ARN,MFI,AHI
5/22/2013	10:00	hirus	2	1			205	20	1	6	Safira	AJN,ARN,MFI,AHI
5/22/2013	10:00	MESPE		3			205	4200	4	9	Safira	AJN,ARN,MFI,AHI
5/22/2013	10:15	mefus	1	3		F	205	1200	1	6	Safira	AJN,ARN,MFI,AHI
5/22/2013	10:30	mefus	1	4		M	205	1200	1	6	Safira	AJN,ARN,MFI,AHI
5/22/2013	10:45	altor	1	4			205	1300	1	3	Safira	AJN,ARN,MFI,AHI

Date	TimeUTC	Species	TransSegm	Number	Age	Plumage	Behaviour	Distance	Height	Direction	Vessel	Observers
5/22/2013	11:45	hirus	2	1			205	1500	10	5	Safira	AJN,ARN,MFI,AHI
5/22/2013	12:00	deurb	7	1			205	500	15	4	Safira	AJN,ARN,MFI,AHI
5/22/2013	12:45	altor	2	2			205	100	5	2	Safira	AJN,ARN,MFI,AHI
5/22/2013	13:30	gavsp	2	1			205	1000	2	8	Safira	AJN,ARN,MFI,AHI
5/22/2013	14:15	UNPAS	6	1			205	100	5	6	Safira	AJN,ARN,MFI,AHI
5/22/2013	14:30	MENIG	3	1			205	1800	1	8	Safira	AJN,ARN,MFI,AHI
5/22/2013	17:45	apapu	6	1			205	900	15	2	Safira	AJN,ARN,MFI,AHI
5/22/2013	19:00	mefus	4	7			205	100	40	3	Safira	AJN,ARN,MFI,AHI
5/23/2013	3:15	Chlidonias hybrida	2	1			205	500	15	4	Safira	AJN,ARN,MFI,AHI
5/23/2013	3:15	PLAPR	2	110			205	500	200	4	Safira	AJN,ARN,MFI,AHI
5/23/2013	3:45	ANPLA	7	2			205	1000	50	4	Safira	AJN,ARN,MFI,AHI
5/23/2013	6:00	UNPAS	1	1			205	1	3	2	Safira	AJN,ARN,MFI,AHI
5/23/2013	6:15	phcar	5	41			205	2400	50	2	Safira	AJN,ARN,MFI,AHI
5/23/2013	6:30	ANASP	3	3			205	800	30	3	Safira	AJN,ARN,MFI,AHI
5/23/2013	7:00	ANASP	2	1			205	800	20	3	Safira	AJN,ARN,MFI,AHI
5/23/2013	7:00	MENIG	2	14			205	800	20	3	Safira	AJN,ARN,MFI,AHI
5/23/2013	8:15	MENIG	6	3			205	600	15	2	Safira	AJN,ARN,MFI,AHI
5/23/2013	9:15	anans	3	2			205	200	30	5	Safira	AJN,ARN,MFI,AHI
5/23/2013	10:00	MENIG	6	3		M	205	400	10	5	Safira	AJN,ARN,MFI,AHI
5/23/2013	10:15	MENIG	6	1		F	205	800	20	4	Safira	AJN,ARN,MFI,AHI
5/23/2013	18:00	mefus	2	2			205	1000	10	6	Safira	AJN,ARN,MFI,AHI
5/24/2013	2:30	GAARC	3	1	ad	B	205	100	12	2	Safira	AJN,ARN,MFI,AHI
5/24/2013	2:30	PLAPR	4	130			205	3000	150	4	Safira	AJN,ARN,MFI,AHI
5/24/2013	3:00	gavsp	7	2			205	1500	20	7	Safira	AJN,ARN,MFI,AHI
5/24/2013	3:00	STHIR	3	1			205	1000	15	7	Safira	AJN,ARN,MFI,AHI
5/24/2013	3:15	GAARC	5	1			205	700	10	3	Safira	AJN,ARN,MFI,AHI
5/24/2013	3:30	PLAPR	4	70			205	300	120	4	Safira	AJN,ARN,MFI,AHI
5/24/2013	4:45	UNPAS	3	1			205	50	50		Safira	AJN,ARN,MFI,AHI



Date	TimeUTC	Species	TransSegm	Number	Age	Plumage	Behaviour	Distance	Height	Direction	Vessel	Observers
5/24/2013	5:00	UNPAS	2	1			205	300	10	4	Safira	AJN,ARN,MFI,AHI
7/18/2013	7:15	lamin	2	2	ad	B	205	200	10	8	Safira	JTP, DKI, AHI
7/18/2013	7:15	nupha	2	1			205	200	26	7	Safira	JTP, DKI, AHI
7/18/2013	7:15	stnsp	3	3			205	300	10	8	Safira	JTP, DKI, AHI
7/18/2013	7:15	stnsp	2	1			205	100	5	8	Safira	JTP, DKI, AHI
7/18/2013	9:00	anasp	8	2			205	1500	2	9	Safira	JTP, DKI, AHI
7/18/2013	15:45	altor	3	1	ad	B	203	400	1	8	Safira	JTP, DKI, AHI
7/18/2013	18:00	larid	5	1	ad	B	205	800	5	8	Safira	JTP, DKI, AHI
7/19/2013	4:15	sthir	2	1			103	300	5	2	Safira	JTP, DKI, AHI
7/19/2013	4:30	apapu	2	1			205	100	30	9	Safira	JTP, DKI, AHI
7/19/2013	4:45	apapu	2	2			205	50	10	8	Safira	JTP, DKI, AHI
7/19/2013	6:15	menig	2	16			205	300	5	8	Safira	JTP, DKI, AHI
7/19/2013	6:30	apapu	2	2			205	50	15	8	Safira	JTP, DKI, AHI
7/19/2013	6:30	uraal	7	1			103	300	5	5	Safira	JTP, DKI, AHI
7/19/2013	6:45	sthip	3	1			205	800	2	8	Safira	JTP, DKI, AHI
8/6/2013	4:30	achyp	2	1			205	15	3		Safira	GZA, DOZ, AHI
8/6/2013	4:45	unpas	6	2			205	200	5	7	Safira	GZA, DOZ, AHI
8/6/2013	8:15	lamin	2	2	juv		205	300	3	8	Safira	GZA, DOZ, AHI
8/6/2013	8:30	fihyp	2	1		F	205	0			Safira	GZA, DOZ, AHI
8/6/2013	12:45	larisp		15			205	2000	20	3	Safira	GZA, DOZ, AHI
8/6/2013	14:00	fihyp	2	1		F	205	0			Safira	GZA, DOZ, AHI
8/6/2013	15:30	stzul	6	1			205	300	2	7	Safira	GZA, DOZ, AHI
8/6/2013	16:45	nupha	7	7			205	600	1	6	Safira	GZA, DOZ, AHI
8/7/2013	5:15	sthir	2	1			205	60	4	8	Safira	GZA, DOZ, AHI
8/7/2013	8:15	anasp		10			205	2500	50	8	Safira	GZA, DOZ, AHI
8/7/2013	11:30	menig	6	17			205	700	10	8	Safira	GZA, DOZ, AHI
8/7/2013	15:45	frcoe	6	1			205	50	10		Safira	GZA, DOZ, AHI
8/8/2013	3:00	unpas	6	1			205	5	3	7	Safira	GZA, DOZ, AHI

Date	TimeUTC	Species	TransSegm	Number	Age	Plumage	Behaviour	Distance	Height	Direction	Vessel	Observers
8/8/2013	8:00	sthir	7	1	ad	B	205	5	7	2	Safira	GZA, DOZ, AHI
8/8/2013	9:45	apapu	6	1			205	50	70	8	Safira	GZA, DOZ, AHI
8/8/2013	11:00	phcar	2	1	ad		205	40	50	5	Safira	GZA, DOZ, AHI
8/8/2013	11:00	phcar	7	1	ad		205	50	50	6	Safira	GZA, DOZ, AHI
8/9/2013	2:45	anpla	3	1			205	50	30	4	Safira	GZA, DOZ, AHI
8/22/2013	12:15	lamin	2	1	Juv		103	30	10	9	Safira	GP, MH, MS
8/22/2013	16:30	lamin	2	2			205	50	15	2	Safira	GP, MH, MS
8/23/2013	3:30	menig	2	3			205	250	30	7	Safira	GP, MH, MS
8/23/2013	3:30	menig	7	4			205	300	20	7	Safira	GP, MH, MS
8/23/2013	3:45	anasp	2	1			205	300	100	7	Safira	GP, MH, MS
8/23/2013	3:45	mofla	3	1			205	20	5	7	Safira	GP, MH, MS
8/23/2013	3:45	unpas	2	1			205	5	5	7	Safira	GP, MH, MS
8/23/2013	5:15	phcar	4	6			205	2000	10	6	Safira	GP, MH, MS
8/23/2013	6:15	stnsp	2	6			205	300	5	8	Safira	GP, MH, MS
8/23/2013	8:00	askua	2	1			205	250	5	8	Safira	GP, MH, MS
8/23/2013	8:15	lamin	7	4	2		205	400	5	8	Safira	GP, MH, MS
8/23/2013	8:30	phcar	6	8			205	500	30	2	Safira	GP, MH, MS
8/23/2013	11:15	phcar	6	3			103	200	5	7	Safira	GP, MH, MS
8/23/2013	11:45	askua	6	2			104	100	2	9	Safira	GP, MH, MS
8/23/2013	12:45	askua	2	1			104	200	5	4	Safira	GP, MH, MS
8/23/2013	12:45	lamin	2	1	2		205	100	20	3	Safira	GP, MH, MS
8/24/2013	4:00	menig	5	27			205	1500	1	3	Safira	GP, MH, MS
8/24/2013	4:45	mofla	6	1			205	100	20	3	Safira	GP, MH, MS
8/24/2013	5:15	anpen	6	2			205	300	20	7	Safira	GP, MH, MS
8/24/2013	6:00	moalb		1	Juv						Safira	GP, MH, MS
8/24/2013	6:30	anasp	5	2			205	2000	2	7	Safira	GP, MH, MS
8/24/2013	7:00	unpas	2	1			205	100	20	8	Safira	GP, MH, MS
8/24/2013	8:00	lamin	3	4			205	600	1	1	Safira	GP, MH, MS



Date	TimeUTC	Species	TransSegm	Number	Age	Plumage	Behaviour	Distance	Height	Direction	Vessel	Observers
8/24/2013	8:00	phcar	5	14			205	1300	20	8	Safira	GP, MH, MS
8/24/2013	8:30	anspe	4	9			205	1200	2	7	Safira	GP, MH, MS
8/24/2013	8:30	stnsp	3	1			205	800	20	7	Safira	GP, MH, MS
8/24/2013	9:15	lamin	6	1			205	900	15	6	Safira	GP, MH, MS
8/24/2013	11:00	chnig	2	1			205	600	8	3	Safira	GP, MH, MS
8/24/2013	11:15	lamin	2	1			104	1000	15	1	Safira	GP, MH, MS
8/24/2013	11:30	lamin		1	2		103	100	10	1	Safira	GP, MH, MS
8/24/2013	11:45	lamin		2			205	200	8	3	Safira	GP, MH, MS
8/24/2013	11:45	lamin	2	1			103	200	10	4	Safira	GP, MH, MS
8/24/2013	12:45	anspe	5	1			205	1500	15	6	Safira	GP, MH, MS
8/24/2013	13:15	lamin	2	1			205	1000	20	8	Safira	GP, MH, MS
8/24/2013	14:00	hirus	7	2			205	150	5	6	Safira	GP, MH, MS
8/24/2013	14:00	lamin	2	1	Ad		201	100	5	4	Safira	GP, MH, MS
8/24/2013	14:15	sthip	2	1			205	500	5	9	Safira	GP, MH, MS
8/24/2013	14:30	oeoen	2	1			205	20	5	8	Safira	GP, MH, MS
8/24/2013	16:30	lamin	3	1	Ad		201	50			Safira	GP, MH, MS
8/25/2013	3:45	anspe	4	11			205	1800	2	7	Safira	GP, MH, MS
8/25/2013	4:45	anspe	8	1			205	2000	20	6	Safira	GP, MH, MS
8/25/2013	4:45	anspe	4	1			205	2000	15	7	Safira	GP, MH, MS
8/25/2013	4:45	uid	4	1			205	2000	15	8	Safira	GP, MH, MS
8/25/2013	5:15	lamin	2	2			205	100	8	1	Safira	GP, MH, MS
8/25/2013	6:15	arcin	2	1			205	300	20	8	Safira	GP, MH, MS
8/25/2013	6:15	lamin	1	1			205	1200	20	8	Safira	GP, MH, MS
8/25/2013	6:45	ancre	2	4			205	500	15	8	Safira	GP, MH, MS
8/25/2013	6:45	lamin	1	4			205	1200	10	8	Safira	GP, MH, MS
8/25/2013	7:00	anspe		15			205	3000	50	8	Safira	GP, MH, MS
8/25/2013	7:30	lamin	2	1			205	1000	50	8	Safira	GP, MH, MS
8/25/2013	7:30	phcar		8			205	4000	40	9	Safira	GP, MH, MS

Date	TimeUTC	Species	TransSegm	Number	Age	Plumage	Behaviour	Distance	Height	Direction	Vessel	Observers
8/25/2013	7:45	lamin	2	1	3		205	30	8	4	Safira	GP, MH, MS
8/25/2013	8:30	phcar	3	4			205	200	30	7	Safira	GP, MH, MS
8/25/2013	9:15	askua	2	1			205	400	10	8	Safira	GP, MH, MS
8/25/2013	9:30	ancre	3	1			205	400	20	7	Safira	GP, MH, MS
8/25/2013	9:30	menig	3	7			205	400	20	7	Safira	GP, MH, MS
8/25/2013	10:00	ririp	3	2			205	10	30	7	Safira	GP, MH, MS
8/25/2013	10:45	mofla	2	1			205	5	2	6	Safira	GP, MH, MS
9/5/2013	4:45	ancre	5	2			205	1300	2	7	Safira	MH, AK, MW
9/5/2013	4:45	anpen	5	5			205	1300	2	7	Safira	MH, AK, MW
9/5/2013	5:00	anasp	4	6			205	1500	20	8	Safira	MH, AK, MW
9/5/2013	5:00	ancre	8	23			205	1200	10	8	Safira	MH, AK, MW
9/5/2013	5:00	anpen	6	50			205	800	50	8	Safira	MH, AK, MW
9/5/2013	5:15	anasp		2			205	2000	2	8	Safira	MH, AK, MW
9/5/2013	6:00	anasp		42			205	3000	50	8	Safira	MH, AK, MW
9/5/2013	6:00	anasp	1	20			205	1900	2	9	Safira	MH, AK, MW
9/5/2013	6:00	anpen	6	8			205	600	10	8	Safira	MH, AK, MW
9/5/2013	6:15	errub		1				0	0		Safira	MH, AK, MW
9/5/2013	6:15	phcar	2	3			205	500	4	3	Safira	MH, AK, MW
9/5/2013	6:15	phoph		1	imm.	m		0	0		Safira	MH, AK, MW
9/5/2013	6:30	phcar		2			205	2200	10	4	Safira	MH, AK, MW
9/5/2013	6:30	phcar		1			205	2500	10	4	Safira	MH, AK, MW
9/5/2013	6:45	anasp	4	10			205	1700	10	7	Safira	MH, AK, MW
9/5/2013	6:45	anasp	4	16			205	1800	10	7	Safira	MH, AK, MW
9/5/2013	6:45	phpug	2	1	juv.		205	100	2	8	Safira	MH, AK, MW
9/5/2013	7:00	anasp		50			205	5500		8	Safira	MH, AK, MW
9/5/2013	7:00	anasp		50			205	5500		8	Safira	MH, AK, MW
9/5/2013	7:00	frcoe		1		m		0	0		Safira	MH, AK, MW
9/5/2013	7:15	anasp	4	3			205	1400	50	8	Safira	MH, AK, MW



Date	TimeUTC	Species	TransSegm	Number	Age	Plumage	Behaviour	Distance	Height	Direction	Vessel	Observers
9/5/2013	7:15	anpen	2	57			205	800	40	8	Safira	MH, AK, MW
9/5/2013	7:30	anasp	3	7			205	700	2	8	Safira	MH, AK, MW
9/5/2013	7:30	anasp		10			205	2300	50	8	Safira	MH, AK, MW
9/5/2013	7:30	lafus	2	1	ad.		103	50	10	8	Safira	MH, AK, MW
9/5/2013	7:30	uid		15			205	3100	50	8	Safira	MH, AK, MW
9/5/2013	7:30	uid		40			205	4500	80	8	Safira	MH, AK, MW
9/5/2013	7:45	anasp		50			205	2500	60	8	Safira	MH, AK, MW
9/5/2013	8:00	anasp		20			205	2800	40	8	Safira	MH, AK, MW
9/5/2013	8:45	phcar	2	1			103	100	30	4	Safira	MH, AK, MW
9/5/2013	10:45	ancre	3	1			205	50	5	8	Safira	MH, AK, MW
9/5/2013	13:00	anpen	4	90			205	1500	20	7	Safira	MH, AK, MW
9/5/2013	13:45	anasp		35			205	3000	30	7	Safira	MH, AK, MW
9/5/2013	15:15	anasp		80			205	3000	7	7	Safira	MH, AK, MW
9/5/2013	17:15	phoph		1				0	0		Safira	MH, AK, MW
9/6/2013	4:00	anasp	1	25			205	1400	40	8	Safira	MH, AK, MW
9/6/2013	4:15	anasp		44			205	3000	50	8	Safira	MH, AK, MW
9/6/2013	4:15	anpen	1	26			205	1500	20	8	Safira	MH, AK, MW
9/6/2013	4:30	anasp		4			205	1500	40	8	Safira	MH, AK, MW
9/6/2013	4:30	anasp		18			205	2300	50	8	Safira	MH, AK, MW
9/6/2013	4:30	errub		1			107	50	5	1	Safira	MH, AK, MW
9/6/2013	4:45	anasp		70			205	2500	2	8	Safira	MH, AK, MW
9/6/2013	5:00	anasp	4	50			205	1600	60	8	Safira	MH, AK, MW
9/6/2013	5:00	anasp	4	120			205	1400	70	8	Safira	MH, AK, MW
9/6/2013	5:00	anasp		10			205	2100	20	8	Safira	MH, AK, MW
9/6/2013	5:15	anasp	1	120			205	1800	70	8	Safira	MH, AK, MW
9/6/2013	5:15	uid		20			205	3200	50	8	Safira	MH, AK, MW
9/6/2013	7:00	anasp		60			205	3500	2	8	Safira	MH, AK, MW
9/6/2013	8:15	sycur		1				0	0	1	Safira	MH, AK, MW

Date	TimeUTC	Species	TransSegm	Number	Age	Plumage	Behaviour	Distance	Height	Direction	Vessel	Observers
9/7/2013	3:45	anasp		6			205	2500	1	8	Safira	MH, AK, MW
9/7/2013	3:45	errub		1							Safira	MH, AK, MW
9/7/2013	4:00	errub	4	1			205	10	1	6	Safira	MH, AK, MW
9/7/2013	4:15	anasp		4			205	2500	2	8	Safira	MH, AK, MW
9/7/2013	4:30	anasp		1			205	1700	10	7	Safira	MH, AK, MW
9/7/2013	4:30	anasp		1			205	3500	10	6	Safira	MH, AK, MW
9/7/2013	4:30	cyspe		4			205	3400	2	9	Safira	MH, AK, MW
9/7/2013	4:45	anasp		5			205	2500	1	6	Safira	MH, AK, MW
9/7/2013	4:45	anasp		5			205	1600	5	7	Safira	MH, AK, MW
9/7/2013	4:45	anasp		12			205	4000	20	8	Safira	MH, AK, MW
9/7/2013	5:00	anasp		4			205	2200	50	8	Safira	MH, AK, MW
9/7/2013	6:15	anpen	1	40			205	1200	5	8	Safira	MH, AK, MW
9/7/2013	8:00	tuphi		1				0	0		Safira	MH, AK, MW
9/7/2013	8:15	moalb	7	3			205	150	5	8	Safira	MH, AK, MW
9/7/2013	10:00	anasp		20			205	3000	20	8	Safira	MH, AK, MW
9/7/2013	10:00	moalb		1	imm.			0	0		Safira	MH, AK, MW
9/7/2013	11:30	anasp		40			205	3500	20	8	Safira	MH, AK, MW
9/7/2013	11:45	phcar		2			103	2800	20	4	Safira	MH, AK, MW
9/7/2013	15:30	unpas		1			205	300	10	7	Safira	MH, AK, MW
9/7/2013	16:30	anasp	1	1			205	1200	20	4	Safira	MH, AK, MW
9/8/2013	4:15	errub	3	1			205	5	1	7	Safira	MH, AK, MW
9/8/2013	4:30	unpas	3	1			205	40	1	7	Safira	MH, AK, MW
9/8/2013	5:00	anasp		40			205	3600	60	8	Safira	MH, AK, MW
9/8/2013	5:15	anspe		10			205	2900	50	8	Safira	MH, AK, MW
9/8/2013	5:30	anpen	4	20			205	1700	40	8	Safira	MH, AK, MW
9/8/2013	6:30	anpen		25			205	2700	40	8	Safira	MH, AK, MW
9/8/2013	6:30	phcar	1	2			205	2000	20	8	Safira	MH, AK, MW
9/8/2013	6:45	errub		1				0	0		Safira	MH, AK, MW



Date	TimeUTC	Species	TransSegm	Number	Age	Plumage	Behaviour	Distance	Height	Direction	Vessel	Observers
9/8/2013	6:45	hirus	7	1			205	20	2	7	Safira	MH, AK, MW
9/8/2013	7:15	anasp		18			205	2100	60	8	Safira	MH, AK, MW
9/8/2013	8:30	falsp		1			205	500	5	6	Safira	MH, AK, MW
9/8/2013	8:45	gaarc	6	1	ad.		205	200	10	6	Safira	MH, AK, MW
9/8/2013	9:00	moalb		1			107	5	3	1	Safira	MH, AK, MW
9/8/2013	9:00	uid		30			205	4700	80	8	Safira	MH, AK, MW
9/8/2013	12:15	phcar	7	1			205	900	40	6	Safira	MH, AK, MW
9/8/2013	12:30	lamin		1			107	30		1	Safira	MH, AK, MW
9/8/2013	13:30	anasp	6	2			205	600	12	6	Safira	MH, AK, MW
9/9/2013	4:00	phoph		1			205	0	2	6	Safira	MH, AK, MW
9/29/2013	4:45	anasp		35			205	3500	100	7	Safira	MWB, TSC, AHI
9/29/2013	4:45	mefus	2	1			205	300	20	7	Safira	MWB, TSC, AHI
9/29/2013	4:45	menig	2	2			205	800	10	7	Safira	MWB, TSC, AHI
9/29/2013	4:45	unpas		1			205	0	5	7	Safira	MWB, TSC, AHI
9/29/2013	5:00	anasp		20			205	4000	50	7	Safira	MWB, TSC, AHI
9/29/2013	5:15	anasp		20			205	4000	80	7	Safira	MWB, TSC, AHI
9/29/2013	5:15	unpas	6	5			205	200	1	7	Safira	MWB, TSC, AHI
9/29/2013	5:30	anasp		30			205	5000	100	7	Safira	MWB, TSC, AHI
9/29/2013	5:45	anfab	2	35			205	800	30	7	Safira	MWB, TSC, AHI
9/29/2013	5:45	nuarq	2	18			205	800	30	7	Safira	MWB, TSC, AHI
9/29/2013	6:30	anspe		80			205	7000	80	7	Safira	MWB, TSC, AHI
9/29/2013	6:45	unwad		6			205	300	1	7	Safira	MWB, TSC, AHI
9/29/2013	7:00	anasp		80			205	3300	100	7	Safira	MWB, TSC, AHI
9/29/2013	7:15	anspe		100			205	3000	100	7	Safira	MWB, TSC, AHI
9/29/2013	7:30	grgru		85			205	2100	80	7	Safira	MWB, TSC, AHI
9/29/2013	7:45	errub	3	1			205	0	1	7	Safira	MWB, TSC, AHI
9/29/2013	7:45	stnsp	3	3			205	700	10	7	Safira	MWB, TSC, AHI
9/29/2013	8:00	anspe		50			205	3500	100	7	Safira	MWB, TSC, AHI

Date	TimeUTC	Species	TransSegm	Number	Age	Plumage	Behaviour	Distance	Height	Direction	Vessel	Observers
9/29/2013	8:00	mespe		65			205	2500	80	7	Safira	MWB, TSC, AHI
9/29/2013	8:00	unpas	3	5			205	300	1	7	Safira	MWB, TSC, AHI
9/29/2013	8:15	altor	3	1			103	500	1	2	Safira	MWB, TSC, AHI
9/29/2013	8:30	mespe	5	1			205	1500	20	5	Safira	MWB, TSC, AHI
9/29/2013	8:45	anasp		50			205	4000	70	8	Safira	MWB, TSC, AHI
9/29/2013	8:45	errub	6	1			205	20	7	5	Safira	MWB, TSC, AHI
9/29/2013	8:45	lamin	6	1	ad	w	205	10	3	3	Safira	MWB, TSC, AHI
9/29/2013	8:45	moalb	6	1			205	20	5	5	Safira	MWB, TSC, AHI
9/29/2013	9:00	anasp		20			205	4800	60	7	Safira	MWB, TSC, AHI
9/29/2013	9:00	anasp		100			205	4000	80	7	Safira	MWB, TSC, AHI
9/29/2013	9:15	moalb	6	1			205	50	10		Safira	MWB, TSC, AHI
9/29/2013	9:15	unpas	6	1			205	300	20		Safira	MWB, TSC, AHI
9/29/2013	9:30	anasp		25			205	3600	100	8	Safira	MWB, TSC, AHI
9/29/2013	9:30	errub	6	1			205	10	1	7	Safira	MWB, TSC, AHI
9/29/2013	9:30	moalb	3	1			205	20	2	8	Safira	MWB, TSC, AHI
9/29/2013	9:30	unpas	3	1			205	20	2	8	Safira	MWB, TSC, AHI
9/29/2013	9:45	errub	6	1			205	10	1	8	Safira	MWB, TSC, AHI
9/29/2013	9:45	moalb	6	1			205	30	12	7	Safira	MWB, TSC, AHI
9/29/2013	10:00	moalb	2	1			205	35	10	7	Safira	MWB, TSC, AHI
9/29/2013	10:45	anspe		70			205	2500	80	7	Safira	MWB, TSC, AHI
9/29/2013	10:45	hirus	6	2			205	0	10	7	Safira	MWB, TSC, AHI
9/29/2013	10:45	lamin	6	1	ad	w	205	200	20	8	Safira	MWB, TSC, AHI
9/29/2013	10:45	rereg	6	1		m	205	0	1		Safira	MWB, TSC, AHI
9/29/2013	11:00	errub	6	1			205	50	10	7	Safira	MWB, TSC, AHI
9/29/2013	11:00	somol	2	1	ad	m	205	300	5	7	Safira	MWB, TSC, AHI
9/29/2013	11:15	anasp		60			205	3200	50	7	Safira	MWB, TSC, AHI
9/29/2013	11:15	anasp		20			205	3200	50	7	Safira	MWB, TSC, AHI
9/29/2013	11:15	anspe		50			205	5000	100	7	Safira	MWB, TSC, AHI



Date	TimeUTC	Species	TransSegm	Number	Age	Plumage	Behaviour	Distance	Height	Direction	Vessel	Observers
9/29/2013	11:15	anspe		40			205	3500	100	7	Safira	MWB, TSC, AHI
9/29/2013	11:15	unpas	3	1			205	20	10	1	Safira	MWB, TSC, AHI
9/29/2013	11:30	anspe		50			205	2500	120	7	Safira	MWB, TSC, AHI
9/29/2013	11:30	anspe		350			205	2700	120	7	Safira	MWB, TSC, AHI
9/29/2013	11:45	anspe	4	200			205	1500	150	7	Safira	MWB, TSC, AHI
9/29/2013	11:45	anspe		90			205	2100	100	7	Safira	MWB, TSC, AHI
9/29/2013	11:45	frcoe	6	1			205	20	10	7	Safira	MWB, TSC, AHI
9/29/2013	11:45	moalb	6	7			205	50	15	7	Safira	MWB, TSC, AHI
9/29/2013	12:00	anspe		15			205	3000	250	7	Safira	MWB, TSC, AHI
9/29/2013	12:15	anspe	4	300			205	1800	250	7	Safira	MWB, TSC, AHI
9/29/2013	12:15	anspe		100			205	2100	250	7	Safira	MWB, TSC, AHI
9/29/2013	12:15	anspe		50			205	3500	300	7	Safira	MWB, TSC, AHI
9/29/2013	12:15	anspe		200			205	3200	80	7	Safira	MWB, TSC, AHI
9/29/2013	12:15	unwad		34			205	2500	40	7	Safira	MWB, TSC, AHI
9/29/2013	12:30	rereg	6	1		w	205	0	1	7	Safira	MWB, TSC, AHI
9/29/2013	12:45	mespe	1	8			205	1500	50	7	Safira	MWB, TSC, AHI
9/29/2013	13:00	anspe		100			205	3000	100	7	Safira	MWB, TSC, AHI
9/29/2013	13:00	anspe		250			205	2000	80	7	Safira	MWB, TSC, AHI
9/29/2013	13:00	grgru		300			205	2500	100	7	Safira	MWB, TSC, AHI
9/29/2013	13:15	anasp	1	300			205	1500	80	7	Safira	MWB, TSC, AHI
9/29/2013	13:15	anspe	1	45			205	1800	70	7	Safira	MWB, TSC, AHI
9/29/2013	13:15	anspe	1	130			205	1700	100	7	Safira	MWB, TSC, AHI
9/29/2013	13:15	gavsp	2	1			205	600	20	6	Safira	MWB, TSC, AHI
9/29/2013	13:15	tuphi	6	1			205	0	20	7	Safira	MWB, TSC, AHI
9/29/2013	13:30	anspe	1	90			205	2000	50	7	Safira	MWB, TSC, AHI
9/29/2013	13:45	anspe	4	100			205	1800	100	7	Safira	MWB, TSC, AHI
9/29/2013	13:45	anspe		60			205	3500	50	7	Safira	MWB, TSC, AHI
9/29/2013	13:45	anspe		30			205	2100	40	7	Safira	MWB, TSC, AHI

Date	TimeUTC	Species	TransSegm	Number	Age	Plumage	Behaviour	Distance	Height	Direction	Vessel	Observers
9/29/2013	14:00	anasp		40			205	2200	30	7	Safira	MWB, TSC, AHI
9/29/2013	14:00	anspe	3	70			205	1000	40	7	Safira	MWB, TSC, AHI
9/29/2013	14:15	anspe	1	100			205	1100	150	7	Safira	MWB, TSC, AHI
9/29/2013	14:15	anspe	4	150			205	1500	80	7	Safira	MWB, TSC, AHI
9/29/2013	14:15	anspe	1	90			205	1500	50	7	Safira	MWB, TSC, AHI
9/29/2013	14:15	anspe	1	60			205	1300	50	7	Safira	MWB, TSC, AHI
9/29/2013	14:30	anspe		130			205	2000	70	7	Safira	MWB, TSC, AHI
9/29/2013	15:00	anspe		22			205	2100	40	7	Safira	MWB, TSC, AHI
9/29/2013	15:00	anspe	4	54			205	1900	40	7	Safira	MWB, TSC, AHI
9/29/2013	15:15	analb	2	30			205	500	40	7	Safira	MWB, TSC, AHI
9/29/2013	15:15	anspe		50			205	3500	80	7	Safira	MWB, TSC, AHI
9/29/2013	15:15	frcoe	6	1			205	20	5	7	Safira	MWB, TSC, AHI
9/29/2013	15:30	anspe		70			205	3500	100	7	Safira	MWB, TSC, AHI
9/29/2013	15:45	analb	2	20			205	800	5	7	Safira	MWB, TSC, AHI
9/29/2013	15:45	anspe	1	60			205	1800	80	7	Safira	MWB, TSC, AHI
9/29/2013	15:45	anspe	1	25			205	1100	90	7	Safira	MWB, TSC, AHI
9/29/2013	15:45	anspe	1	200			205	1900	150	7	Safira	MWB, TSC, AHI
9/29/2013	15:45	anspe		200			205	3000	150	7	Safira	MWB, TSC, AHI
9/29/2013	16:30	anspe		50			205	4000	100	7	Safira	MWB, TSC, AHI
9/29/2013	16:30	anspe		350			205	3000	100	7	Safira	MWB, TSC, AHI
9/29/2013	16:30	anspe		16			205	4000	80	7	Safira	MWB, TSC, AHI
9/29/2013	16:30	anspe	4	7			205	1000	40	7	Safira	MWB, TSC, AHI
9/29/2013	16:30	anspe		120			205	4500	100	7	Safira	MWB, TSC, AHI
9/29/2013	16:45	anspe		100			205	2500	60	7	Safira	MWB, TSC, AHI
9/29/2013	16:45	anspe	1	200			205	2000	150	7	Safira	MWB, TSC, AHI
9/30/2013	4:45	anspe		80			205	2800	200	7	Safira	MWB, TSC, AHI
9/30/2013	5:00	anspe		30			205	2000	100	7	Safira	MWB, TSC, AHI
9/30/2013	5:00	anspe		50			205	3500	150	8	Safira	MWB, TSC, AHI

Date	TimeUTC	Species	TransSegm	Number	Age	Plumage	Behaviour	Distance	Height	Direction	Vessel	Observers
9/30/2013	5:00	anspe	8	100			205	2000	150	7	Safira	MWB, TSC, AHI
9/30/2013	5:00	gaste	7	1			205	800	15	2	Safira	MWB, TSC, AHI
9/30/2013	5:00	lamin	6	1		w	205	200	10	7	Safira	MWB, TSC, AHI
9/30/2013	5:00	uid		30			205	3800	300	7	Safira	MWB, TSC, AHI
9/30/2013	5:15	anspe		60			205	3000	100	7	Safira	MWB, TSC, AHI
9/30/2013	5:15	anspe	8	50			205	2800	150	7	Safira	MWB, TSC, AHI
9/30/2013	5:15	anspe		60			205	5800	150	7	Safira	MWB, TSC, AHI
9/30/2013	5:15	anspe		60			205	5800	150	7	Safira	MWB, TSC, AHI
9/30/2013	5:15	anspe		60			205	5800	150	7	Safira	MWB, TSC, AHI
9/30/2013	5:15	anspe	1	40			205	1300	50	8	Safira	MWB, TSC, AHI
9/30/2013	5:15	grgru		60			205	2500	20	8	Safira	MWB, TSC, AHI
9/30/2013	5:15	menig	7	3			205	800	10	2	Safira	MWB, TSC, AHI
9/30/2013	5:30	anspe		60			205	5000	150	7	Safira	MWB, TSC, AHI
9/30/2013	5:30	anspe		40			205	3400	100	7	Safira	MWB, TSC, AHI
9/30/2013	5:30	anspe		80			205	3100	100	7	Safira	MWB, TSC, AHI
9/30/2013	5:30	anspe		50			205	5600	150	7	Safira	MWB, TSC, AHI
9/30/2013	5:30	anspe		200			205	2400	150	7	Safira	MWB, TSC, AHI
9/30/2013	5:30	menig	8	5			205	1400	2	7	Safira	MWB, TSC, AHI
9/30/2013	5:30	menig		20			205	2100	5	7	Safira	MWB, TSC, AHI
9/30/2013	5:45	anspe	4	100			205	1700	120	7	Safira	MWB, TSC, AHI
9/30/2013	6:30	frcoe		1							Safira	MWB, TSC, AHI
9/30/2013	6:30	mespe		7			205	3500	7	7	Safira	MWB, TSC, AHI
9/30/2013	6:45	unpas	6	1			205	200	5	7	Safira	MWB, TSC, AHI
9/30/2013	7:00	anspe		45			205	5200	100	7	Safira	MWB, TSC, AHI
9/30/2013	7:00	lamin		1		w	103	30	10	1	Safira	MWB, TSC, AHI
9/30/2013	7:00	reign		1							Safira	MWB, TSC, AHI
9/30/2013	7:00	unpas	3	1			205	500	1	2	Safira	MWB, TSC, AHI
9/30/2013	7:15	anasp		25			205	3000	100	7	Safira	MWB, TSC, AHI

Date	TimeUTC	Species	TransSegm	Number	Age	Plumage	Behaviour	Distance	Height	Direction	Vessel	Observers
9/30/2013	7:15	anspe		50			205	2500	200	7	Safira	MWB, TSC, AHI
9/30/2013	7:15	grgru		15			205	3000	250	7	Safira	MWB, TSC, AHI
9/30/2013	7:30	altor	6	1			205	800	1	7	Safira	MWB, TSC, AHI
9/30/2013	7:30	anspe		5			205	3500	5	7	Safira	MWB, TSC, AHI
9/30/2013	7:45	errub	6	1							Safira	MWB, TSC, AHI
9/30/2013	7:45	grgru		55			205	2000	200	8	Safira	MWB, TSC, AHI
9/30/2013	8:00	anspe		60			205	3000	80	7	Safira	MWB, TSC, AHI
9/30/2013	8:00	anspe		50			205	3200	80	7	Safira	MWB, TSC, AHI
9/30/2013	8:00	grgru		50			205	2800	300	7	Safira	MWB, TSC, AHI
9/30/2013	8:00	moalb	6	1			103		5	1	Safira	MWB, TSC, AHI
9/30/2013	8:30	asfla	3	1			205	50	10	8	Safira	MWB, TSC, AHI
9/30/2013	8:45	anpra	2	1			205	10	1	6	Safira	MWB, TSC, AHI
9/30/2013	8:45	turdus	6	3			205	50	20	8	Safira	MWB, TSC, AHI
9/30/2013	9:00	emcit	2	1			205	10	1	6	Safira	MWB, TSC, AHI
9/30/2013	9:15	anspe		40			205	3500	30	8	Safira	MWB, TSC, AHI
9/30/2013	9:30	analb	2	3			205	200	1	7	Safira	MWB, TSC, AHI
9/30/2013	9:30	anspe		100			205	5000	100	7	Safira	MWB, TSC, AHI
9/30/2013	9:45	anspe		25			205	2600	30	7	Safira	MWB, TSC, AHI
9/30/2013	9:45	asfla	6	1			205	40	10	8	Safira	MWB, TSC, AHI
9/30/2013	9:45	moalb	6	2			205	10	3	7	Safira	MWB, TSC, AHI
9/30/2013	10:30	anspe	2	65			205	800	20	7	Safira	MWB, TSC, AHI
9/30/2013	10:45	anspe		80			205	5200	200	8	Safira	MWB, TSC, AHI
9/30/2013	11:00	alkur	5	1			205	1200	1	8	Safira	MWB, TSC, AHI
9/30/2013	11:00	anspe		40			205	3300	500	8	Safira	MWB, TSC, AHI
9/30/2013	11:00	anspe		40			205	2400	40	7	Safira	MWB, TSC, AHI
9/30/2013	11:00	anspe		60			205	1300	100	8	Safira	MWB, TSC, AHI
9/30/2013	11:15	anspe		30			205	3200	400	7	Safira	MWB, TSC, AHI
9/30/2013	11:15	anspe	4	70			205	1400	300	7	Safira	MWB, TSC, AHI



Date	TimeUTC	Species	TransSegm	Number	Age	Plumage	Behaviour	Distance	Height	Direction	Vessel	Observers
9/30/2013	11:15	errub		1							Safira	MWB, TSC, AHI
9/30/2013	11:30	anspe		15			205	1200	80	8	Safira	MWB, TSC, AHI
9/30/2013	11:45	anspe		40			205	3500	250	7	Safira	MWB, TSC, AHI
9/30/2013	11:45	anspe		80			205	3400	40	7	Safira	MWB, TSC, AHI
9/30/2013	11:45	grgru		50			205	4300	100	8	Safira	MWB, TSC, AHI
9/30/2013	11:45	grgru	1	15			205	1200	80	8	Safira	MWB, TSC, AHI
9/30/2013	11:45	menig	5	6			205	2000	2	6	Safira	MWB, TSC, AHI
9/30/2013	12:00	anspe		35			205	5100	400	7	Safira	MWB, TSC, AHI
9/30/2013	12:00	anspe		20			205	3800	400	7	Safira	MWB, TSC, AHI
9/30/2013	12:00	anspe		16			205	2000	40	7	Safira	MWB, TSC, AHI
9/30/2013	12:00	anspe	2	75			205	700	150	8	Safira	MWB, TSC, AHI
9/30/2013	12:00	anspe		110			205	2700	100	8	Safira	MWB, TSC, AHI
9/30/2013	12:15	anspe		80			205	3800	100	7	Safira	MWB, TSC, AHI
9/30/2013	12:15	anspe		110			205	2700	100	8	Safira	MWB, TSC, AHI
9/30/2013	12:15	anspe		25			205	2800	120	7	Safira	MWB, TSC, AHI
9/30/2013	12:15	anspe		65			205	2200	300	7	Safira	MWB, TSC, AHI
9/30/2013	12:30	anspe		200			205	4200	200	8	Safira	MWB, TSC, AHI
9/30/2013	12:30	anspe		40			205	3700	300	7	Safira	MWB, TSC, AHI
9/30/2013	12:30	anspe		50			205	2600	20	7	Safira	MWB, TSC, AHI
9/30/2013	12:30	anspe		25			205	4000	300	7	Safira	MWB, TSC, AHI
9/30/2013	12:45	anspe	1	75			205	1200	200	7	Safira	MWB, TSC, AHI
9/30/2013	12:45	anspe		70			205	2800	80	7	Safira	MWB, TSC, AHI
9/30/2013	13:00	anspe		20			205	3500	80	7	Safira	MWB, TSC, AHI
9/30/2013	13:00	anspe	2	45			205	600	80	7	Safira	MWB, TSC, AHI
9/30/2013	13:00	anspe	4	85			205	1900	120	7	Safira	MWB, TSC, AHI
9/30/2013	13:15	anspe		60			205	4600	50	7	Safira	MWB, TSC, AHI
9/30/2013	13:15	anspe		5			205	5800	300	7	Safira	MWB, TSC, AHI
9/30/2013	13:15	anspe	2	70			205	800	400	8	Safira	MWB, TSC, AHI

Date	TimeUTC	Species	TransSegm	Number	Age	Plumage	Behaviour	Distance	Height	Direction	Vessel	Observers
9/30/2013	13:15	anspe		45			205	2100	150	8	Safira	MWB, TSC, AHI
9/30/2013	13:15	rereg		1		m				1	Safira	MWB, TSC, AHI
9/30/2013	13:30	anspe		25			205	4000	300	7	Safira	MWB, TSC, AHI
9/30/2013	13:30	anspe		18			205	4500	100	7	Safira	MWB, TSC, AHI
9/30/2013	13:30	anspe	4	90			205	1500	70	7	Safira	MWB, TSC, AHI
9/30/2013	13:30	anspe	4	200			205	1800	200	7	Safira	MWB, TSC, AHI
9/30/2013	13:45	anspe	2	70			205	900	100	7	Safira	MWB, TSC, AHI
9/30/2013	14:00	grgru		10			205	4000	100	7	Safira	MWB, TSC, AHI
9/30/2013	14:15	grgru		25			205	2200	280	7	Safira	MWB, TSC, AHI
9/30/2013	14:15	grgru		25			205	4200	300	7	Safira	MWB, TSC, AHI
9/30/2013	14:30	anspe		120			205	2800	200	7	Safira	MWB, TSC, AHI
9/30/2013	14:30	anspe		60			205	3500	100	7	Safira	MWB, TSC, AHI
9/30/2013	14:45	anspe		60			205	2500	300	7	Safira	MWB, TSC, AHI
9/30/2013	15:00	anpra	2	3			205	20	5	6	Safira	MWB, TSC, AHI
9/30/2013	15:00	anspe		120			205	4500	200	7	Safira	MWB, TSC, AHI
9/30/2013	15:00	anspe		80			205	2200	150	7	Safira	MWB, TSC, AHI
9/30/2013	15:15	grgru		18			205	5500	50	7	Safira	MWB, TSC, AHI
9/30/2013	15:15	grgru	4	40			205	1800	300	7	Safira	MWB, TSC, AHI
9/30/2013	15:30	altor	2	2			205	50	5	6	Safira	MWB, TSC, AHI
9/30/2013	15:45	anasp		50			205	2500	180	7	Safira	MWB, TSC, AHI
9/30/2013	15:45	grgru		10			205	2200	40	7	Safira	MWB, TSC, AHI
9/30/2013	16:30	copal	2	1			205	100	5	6	Safira	MWB, TSC, AHI
9/30/2013	16:45	anpra	2	1			205	100	5	6	Safira	MWB, TSC, AHI
9/30/2013	16:45	hirus	2	1			205	50	5	6	Safira	MWB, TSC, AHI
10/1/2013	4:45	anpra	6	1			205	20	10	7	Safira	MWB, TSC, AHI
10/1/2013	4:45	unpas	6	1			205	1	5	8	Safira	MWB, TSC, AHI
10/1/2013	5:00	mespe		3			205	3000	20	7	Safira	MWB, TSC, AHI
10/1/2013	5:00	unwad		3			205	2000	2	7	Safira	MWB, TSC, AHI

Date	TimeUTC	Species	TransSegm	Number	Age	Plumage	Behaviour	Distance	Height	Direction	Vessel	Observers
10/1/2013	5:15	anpra	6	1			205	0	1	6	Safira	MWB, TSC, AHI
10/1/2013	5:15	mespe	7	1			205	800	12	7	Safira	MWB, TSC, AHI
10/1/2013	5:30	mespe		1			205	2500	2	8	Safira	MWB, TSC, AHI
10/1/2013	5:30	unpas	6	1			205	200	2	8	Safira	MWB, TSC, AHI
10/1/2013	5:45	anasp		3			205	3800	40	7	Safira	MWB, TSC, AHI
10/1/2013	6:30	moalb		1			205	20	5	7	Safira	MWB, TSC, AHI
10/1/2013	6:45	anspe		25			205	3200	50	8	Safira	MWB, TSC, AHI
10/1/2013	6:45	mespe		15			205	1800	50	7	Safira	MWB, TSC, AHI
10/1/2013	6:45	tatad		15			205	2000	100	7	Safira	MWB, TSC, AHI
10/1/2013	7:00	phcar		2			205	1500	50	7	Safira	MWB, TSC, AHI
10/1/2013	7:15	anspe		30			205	3000	150	7	Safira	MWB, TSC, AHI
10/1/2013	7:30	anspe		9			205	1500	150	7	Safira	MWB, TSC, AHI
10/1/2013	7:30	mespe		2			205	2000	50	7	Safira	MWB, TSC, AHI
10/1/2013	7:30	moalb	6	5			205	10	5	7	Safira	MWB, TSC, AHI
10/1/2013	7:30	moalb	6	4			205	30	5	7	Safira	MWB, TSC, AHI
10/1/2013	7:30	unpas		1			205	800	5	6	Safira	MWB, TSC, AHI
10/1/2013	7:45	moalb	6	8			205	10	7	7	Safira	MWB, TSC, AHI
10/1/2013	8:00	anspe	5	13			205	1100	25	7	Safira	MWB, TSC, AHI
10/1/2013	8:15	anspe	1	16			205	1900	30	8	Safira	MWB, TSC, AHI
10/1/2013	8:15	mespe		5			205	2000	10	7	Safira	MWB, TSC, AHI
10/1/2013	8:45	anspe		20			205	2000	700	8	Safira	MWB, TSC, AHI
10/1/2013	8:45	errub	6	1			205	5	2	8	Safira	MWB, TSC, AHI
10/1/2013	9:00	anspe		12			205	2100	40	8	Safira	MWB, TSC, AHI
10/1/2013	9:30	anspe	3	18			205	1000	60	7	Safira	MWB, TSC, AHI
10/1/2013	9:30	unpas	3	2			205	500	1	7	Safira	MWB, TSC, AHI
10/1/2013	10:00	anspe		100			205	2000	200	7	Safira	MWB, TSC, AHI
10/1/2013	10:00	anspe		25			205	5400	200	7	Safira	MWB, TSC, AHI
10/1/2013	10:30	anspe	2	115			205	100	150	7	Safira	MWB, TSC, AHI

Date	TimeUTC	Species	TransSegm	Number	Age	Plumage	Behaviour	Distance	Height	Direction	Vessel	Observers
10/1/2013	10:30	anspe	1	80			205	1100	200	7	Safira	MWB, TSC, AHI
10/1/2013	10:30	anspe	2	40			205	900	200	7	Safira	MWB, TSC, AHI
10/1/2013	10:45	anspe		25			205	3000	20	7	Safira	MWB, TSC, AHI
10/1/2013	10:45	anspe		65			205	1800	40	7	Safira	MWB, TSC, AHI
10/1/2013	10:45	anspe		160			205	2800	60	7	Safira	MWB, TSC, AHI
10/1/2013	11:00	anspe		35			205	4600	50	7	Safira	MWB, TSC, AHI
10/1/2013	11:00	anspe		35			205	5200	100	7	Safira	MWB, TSC, AHI
10/1/2013	11:00	anspe		45			205	3000	60	7	Safira	MWB, TSC, AHI
10/1/2013	11:00	anspe	4	35			205	1700	100	7	Safira	MWB, TSC, AHI
10/1/2013	11:00	anspe		50			205	4000	60	6	Safira	MWB, TSC, AHI
10/1/2013	11:00	unpas	6	25			205	700	10	7	Safira	MWB, TSC, AHI
10/1/2013	11:15	anasp	5	4			205	1700	20	6	Safira	MWB, TSC, AHI
10/1/2013	11:15	anspe		65			205	3000	50	7	Safira	MWB, TSC, AHI
10/1/2013	11:15	anspe	1	45			205	1800	40	7	Safira	MWB, TSC, AHI
10/1/2013	11:15	rereg	6	1		m	205	10	10	1	Safira	MWB, TSC, AHI
10/1/2013	11:15	rereg	6	1		f	205	10	10	1	Safira	MWB, TSC, AHI
10/1/2013	11:15	unpas	3	3			205	50	5	7	Safira	MWB, TSC, AHI
10/1/2013	11:45	anspe		50			205	4000	400	7	Safira	MWB, TSC, AHI
10/1/2013	11:45	anspe	2	30			205	400	200	7	Safira	MWB, TSC, AHI
10/1/2013	13:45	altor	3	1			103	200	2	9	Safira	MWB, TSC, AHI
10/1/2013	14:00	anspe		50			205	2500	70	7	Safira	MWB, TSC, AHI
10/1/2013	15:15	unpas	7	1			205	50	5	6	Safira	MWB, TSC, AHI
10/1/2013	15:30	unpas	7	1			205	20	2	6	Safira	MWB, TSC, AHI
10/2/2013	4:45	anspe		50			205	2000	100	7	Safira	MWB, TSC, AHI
10/2/2013	4:45	anspe	1	20			205	1100	2	7	Safira	MWB, TSC, AHI
10/2/2013	4:45	anspe		75			205	3600	150	7	Safira	MWB, TSC, AHI
10/2/2013	4:45	menig	1	35			205	1500	7	7	Safira	MWB, TSC, AHI
10/2/2013	5:00	alarv	6	2			205	50	10	2	Safira	MWB, TSC, AHI

Date	TimeUTC	Species	TransSegm	Number	Age	Plumage	Behaviour	Distance	Height	Direction	Vessel	Observers
10/2/2013	5:00	anpra	6	2			205	20	2	7	Safira	MWB, TSC, AHI
10/2/2013	5:00	unpas	6	1			205	800	15	1	Safira	MWB, TSC, AHI
10/2/2013	5:15	anspe		15			205	5000	50	7	Safira	MWB, TSC, AHI
10/2/2013	5:15	anspe	6	20			205	2000	15	7	Safira	MWB, TSC, AHI
10/2/2013	5:15	menig		15			205	1900	10	7	Safira	MWB, TSC, AHI
10/2/2013	5:15	moalb	6	1			205	30	1	7	Safira	MWB, TSC, AHI
10/2/2013	5:30	alarv	6	1			205	50	10	7	Safira	MWB, TSC, AHI
10/2/2013	5:30	frcoe	6	1		f	205	40	5	1	Safira	MWB, TSC, AHI
10/2/2013	6:15	grgru		45			205	2500	250	7	Safira	MWB, TSC, AHI
10/2/2013	6:30	errub	6	1			205	0	5	1	Safira	MWB, TSC, AHI
10/2/2013	6:30	grgru		120			205	2300	350	7	Safira	MWB, TSC, AHI
10/2/2013	6:30	grgru		80			205	4200	250	7	Safira	MWB, TSC, AHI
10/2/2013	6:30	rereg	6	1			205	20	1	8	Safira	MWB, TSC, AHI
10/2/2013	6:45	grgru		100			205	3500	250	8	Safira	MWB, TSC, AHI
10/2/2013	6:45	grgru		80			205	2800	400	7	Safira	MWB, TSC, AHI
10/2/2013	6:45	unpas	6	1			205	300	10	7	Safira	MWB, TSC, AHI
10/2/2013	7:00	altor	2	1			103	300	2	4	Safira	MWB, TSC, AHI
10/2/2013	7:15	phcar	2	1			103	150	20	2	Safira	MWB, TSC, AHI
10/2/2013	7:30	grgru		60			205	4800	350	7	Safira	MWB, TSC, AHI
10/2/2013	7:45	grgru		120			205	5200	350	7	Safira	MWB, TSC, AHI
10/2/2013	7:45	rereg	6	1	f		205	0	5	1	Safira	MWB, TSC, AHI
10/2/2013	7:45	rereg	6	1	m		205	0	5	1	Safira	MWB, TSC, AHI
10/2/2013	8:00	mespe		1			103	3000	10	7	Safira	MWB, TSC, AHI
10/2/2013	8:15	alarv	6	1			205	200	15	7	Safira	MWB, TSC, AHI
10/2/2013	8:15	errub	6	1			205	2	1	7	Safira	MWB, TSC, AHI
10/2/2013	8:15	stnsp	6	1			205	10	10	6	Safira	MWB, TSC, AHI
10/2/2013	8:30	anspe	1	40			205	1800	300	8	Safira	MWB, TSC, AHI
10/2/2013	8:30	gaste	2	1			205	800	5	8	Safira	MWB, TSC, AHI

Date	TimeUTC	Species	TransSegm	Number	Age	Plumage	Behaviour	Distance	Height	Direction	Vessel	Observers
10/2/2013	8:30	grgru		20			205	5000	250	7	Safira	MWB, TSC, AHI
10/2/2013	8:30	grgru	1	20			205	1800	150	7	Safira	MWB, TSC, AHI
10/2/2013	8:45	unpas	6	1			205	50	1	8	Safira	MWB, TSC, AHI
10/2/2013	9:00	unpas	6	2			205	10	5	7	Safira	MWB, TSC, AHI
10/2/2013	9:15	rereg	6	2			205	10	1	7	Safira	MWB, TSC, AHI
10/2/2013	9:30	alarv	3	5			205	20	10	8	Safira	MWB, TSC, AHI
10/2/2013	9:30	asofl	3	1			205	1000	20	8	Safira	MWB, TSC, AHI
10/2/2013	9:30	grgru		50			205	3200	150	8	Safira	MWB, TSC, AHI
10/2/2013	9:30	grgru		30			205	2800	50	8	Safira	MWB, TSC, AHI
10/2/2013	9:30	turdus	3	1			205	20	10	8	Safira	MWB, TSC, AHI
10/2/2013	9:30	uid		50			205	2500	100	8	Safira	MWB, TSC, AHI
10/2/2013	9:45	anspe	4	40			205	1200	150	8	Safira	MWB, TSC, AHI
10/2/2013	9:45	anspe	4	80			205	1700	150	7	Safira	MWB, TSC, AHI
10/2/2013	9:45	anspe	3	40			205	800	150	8	Safira	MWB, TSC, AHI
10/2/2013	9:45	anspe		80			205	3200	150	7	Safira	MWB, TSC, AHI
10/2/2013	10:30	anspe		70			205	4800	100	8	Safira	MWB, TSC, AHI
10/2/2013	10:30	anspe		20			205	2800	60	8	Safira	MWB, TSC, AHI
10/2/2013	10:30	anspe		70			205	4000	50	8	Safira	MWB, TSC, AHI
10/2/2013	10:30	anspe		150			205	2200	200	8	Safira	MWB, TSC, AHI
10/2/2013	10:30	anspe		200			205	2500	200	8	Safira	MWB, TSC, AHI
10/2/2013	10:30	anspe		60			205	1200	100	8	Safira	MWB, TSC, AHI
10/2/2013	10:30	anspe		35			205	2500	100	7	Safira	MWB, TSC, AHI
10/2/2013	10:45	anspe	1	15			205	1200	100	7	Safira	MWB, TSC, AHI
10/2/2013	10:45	anspe		60			205	3800	100	9	Safira	MWB, TSC, AHI
10/2/2013	10:45	anspe		30			205	3500	150	7	Safira	MWB, TSC, AHI
10/2/2013	10:45	anspe		70			205	3500	50	7	Safira	MWB, TSC, AHI
10/2/2013	11:00	anspe		30			205	4500	70	8	Safira	MWB, TSC, AHI
10/2/2013	11:00	anspe	2	100			205	900	100	8	Safira	MWB, TSC, AHI



Date	TimeUTC	Species	TransSegm	Number	Age	Plumage	Behaviour	Distance	Height	Direction	Vessel	Observers
10/2/2013	11:15	anspe		20			205	2500	50	7	Safira	MWB, TSC, AHI
10/2/2013	11:15	anspe		30			205	2100	80	7	Safira	MWB, TSC, AHI
10/2/2013	11:15	anspe	1	50			205	1400	70	7	Safira	MWB, TSC, AHI
10/2/2013	11:15	menig	1	2		m	205	1800	20	8	Safira	MWB, TSC, AHI
10/2/2013	11:15	menig	1	2		f	205	1800	20	8	Safira	MWB, TSC, AHI
10/2/2013	11:30	anspe	2	12			205	800	40	7	Safira	MWB, TSC, AHI
10/2/2013	11:45	anspe		15			205	3500	250	8	Safira	MWB, TSC, AHI
10/2/2013	11:45	anspe		45			205	100	200	7	Safira	MWB, TSC, AHI
10/2/2013	12:00	anspe	2	50			205	800	450	7	Safira	MWB, TSC, AHI
10/2/2013	12:00	uid		50			205	2100	5	7	Safira	MWB, TSC, AHI
10/2/2013	12:15	anspe		50			205	1100	70	7	Safira	MWB, TSC, AHI
10/2/2013	12:15	anspe	1	35			205	1200	70	7	Safira	MWB, TSC, AHI
10/2/2013	12:15	menig	5	1			205	1700	1	8	Safira	MWB, TSC, AHI
10/2/2013	12:30	anasp		8			205	4300	50	7	Safira	MWB, TSC, AHI
10/2/2013	12:30	anspe		60			205	4200	80	7	Safira	MWB, TSC, AHI
10/2/2013	12:45	alarv	6	1			205	20	20	8	Safira	MWB, TSC, AHI
10/2/2013	12:45	anspe		22			205	4000	70	7	Safira	MWB, TSC, AHI
10/2/2013	12:45	errub	6	1			205	20	1	7	Safira	MWB, TSC, AHI
10/2/2013	13:00	altor	2	1			103	300	2	3	Safira	MWB, TSC, AHI
10/2/2013	13:00	mefus	3	2			205	300	15	6	Safira	MWB, TSC, AHI
10/2/2013	13:15	anspe	1	35			205	1900	100	7	Safira	MWB, TSC, AHI
10/2/2013	13:30	anspe		6			205	2500	50	7	Safira	MWB, TSC, AHI
10/2/2013	13:45	frcoe	6	1		m	205	20	10	6	Safira	MWB, TSC, AHI
10/2/2013	13:45	frcoe	6	1		f	205	20	10	6	Safira	MWB, TSC, AHI
10/2/2013	14:15	lamin	6	2	ad	w	205	100	20	5	Safira	MWB, TSC, AHI
10/2/2013	14:45	errub	6	1			205	20	5	7	Safira	MWB, TSC, AHI
10/2/2013	15:00	anspe		70			205	4500	40	7	Safira	MWB, TSC, AHI
10/2/2013	15:45	anasp		30			205	2500	250	7	Safira	MWB, TSC, AHI

Date	TimeUTC	Species	TransSegm	Number	Age	Plumage	Behaviour	Distance	Height	Direction	Vessel	Observers
10/2/2013	16:30	moalb	6	1			205	20	5	1	Safira	MWB, TSC, AHI
10/2/2013	16:45	unpas	6	1			205	50	5	1	Safira	MWB, TSC, AHI
11/14/2013	12:00	clhye	2	2			203	500	2	8	Lubecki	JTP, TSC, KLM
11/14/2013	12:15	anpen	2	1			205	400	5	7	Lubecki	JTP, TSC, KLM
11/14/2013	12:15	larid	6	2			205	300	20	9	Lubecki	JTP, TSC, KLM
11/14/2013	12:15	mefus	2	14			205	400	5	7	Lubecki	JTP, TSC, KLM
11/14/2013	12:30	clhye	7	2			203	250	5	2	Lubecki	JTP, TSC, KLM
11/14/2013	13:30	anasp	5	5			103	1500	10	3	Lubecki	JTP, TSC, KLM
11/14/2013	13:45	anasp	5	1			103	1500	10	5	Lubecki	JTP, TSC, KLM
11/14/2013	13:45	clhye	3	2			203	800	3	6	Lubecki	JTP, TSC, KLM
11/14/2013	13:45	unpas	7	1			205	400	2	6	Lubecki	JTP, TSC, KLM
11/14/2013	14:00	uraal	6	1			203	50	2	7	Lubecki	JTP, TSC, KLM
11/14/2013	14:15	clhye	6	1	ad	m	203	300	5	1	Lubecki	JTP, TSC, KLM
11/14/2013	14:30	lacan	6	1			103	50	20	5	Lubecki	JTP, TSC, KLM
11/14/2013	14:45	cyolo	1	2	ad		205	1500	2	5	Lubecki	JTP, TSC, KLM
11/14/2013	14:45	cyspe		2			205	2500	2	8	Lubecki	JTP, TSC, KLM
11/15/2013	6:30	clhye	3	2	ad	m	203	300	4	7	Lubecki	JTP, TSC, KLM
11/15/2013	7:45	asfla	6	1			205	50	2	7	Lubecki	JTP, TSC, KLM
11/15/2013	7:45	larid	6	2	ad	w	203	200	2	7	Lubecki	JTP, TSC, KLM
11/15/2013	8:15	phcar		10			205	2800	100	8	Lubecki	JTP, TSC, KLM
11/15/2013	8:30	anasp		7			203	2500	1	8	Lubecki	JTP, TSC, KLM
11/15/2013	8:45	somol	8	2		f	203	1500	5	7	Lubecki	JTP, TSC, KLM
11/15/2013	8:45	somol	8	1		m	203	1500	5	7	Lubecki	JTP, TSC, KLM
11/15/2013	9:00	clhye	7	2		f	203	300	7	3	Lubecki	JTP, TSC, KLM
11/15/2013	9:15	clhye	6	4		m	103	200	7	3	Lubecki	JTP, TSC, KLM
11/15/2013	9:30	altor	6	4			203	250	7	7	Lubecki	JTP, TSC, KLM
11/15/2013	9:45	mefus	3	3			203	300	5	3	Lubecki	JTP, TSC, KLM
11/15/2013	10:15	clhye	2	2			203	500	2	8	Lubecki	JTP, TSC, KLM

Date	TimeUTC	Species	TransSegm	Number	Age	Plumage	Behaviour	Distance	Height	Direction	Vessel	Observers
11/15/2013	10:45	cyspe		10			205	2300	100	8	Lubecki	JTP, TSC, KLM
11/15/2013	11:00	anasp	1	2			205	1500	60	8	Lubecki	JTP, TSC, KLM
11/15/2013	11:00	cycyg	1	6			205	1500	150	8	Lubecki	JTP, TSC, KLM
11/15/2013	11:00	cyspe		7			205	2000	100	8	Lubecki	JTP, TSC, KLM
11/15/2013	11:15	anasp		4			103	3000	5	8	Lubecki	JTP, TSC, KLM
11/15/2013	11:15	clhye	6	2			103	300	10	7	Lubecki	JTP, TSC, KLM
11/15/2013	11:15	cyspe		21			205	3500	5	8	Lubecki	JTP, TSC, KLM
11/15/2013	11:15	menig	6	3			103	300	10	7	Lubecki	JTP, TSC, KLM
11/15/2013	11:45	anstr	6	8			205	150	30	7	Lubecki	JTP, TSC, KLM
11/15/2013	11:45	uraal	6	5			203	150	20	7	Lubecki	JTP, TSC, KLM
11/15/2013	12:00	lamin	7	1			205	100	10	7	Lubecki	JTP, TSC, KLM
11/15/2013	12:15	clhye	8	2			203	1100	5	2	Lubecki	JTP, TSC, KLM
11/15/2013	12:15	gaste	3	8			205	500	5	7	Lubecki	JTP, TSC, KLM
11/15/2013	12:15	lacan	7	1	im		103	200	5	7	Lubecki	JTP, TSC, KLM
11/15/2013	12:15	lacan	3	1			203	50	10	7	Lubecki	JTP, TSC, KLM
11/15/2013	12:15	uraal	6	2			203	600	5	2	Lubecki	JTP, TSC, KLM
11/15/2013	12:30	mefus	6	5			203	300	5	7	Lubecki	JTP, TSC, KLM
11/15/2013	12:30	uraal	6	2			203	300	5	3	Lubecki	JTP, TSC, KLM
11/15/2013	13:15	tupil	3	1			205	50	20	7	Lubecki	JTP, TSC, KLM
11/15/2013	13:30	lamin	7	1			205	300	10	6	Lubecki	JTP, TSC, KLM
11/16/2013	12:15	altor		1			103	100	5	7	Lubecki	JTP, TSC, KLM
11/16/2013	13:30	altor		1			103	75	5	4	Lubecki	JTP, TSC, KLM
11/17/2013	8:00	altor		1			103	150	5	6	Lubecki	JTP, TSC, KLM
11/17/2013	9:15	clhye	6	11		m	103	200	4	6	Lubecki	JTP, TSC, KLM
11/17/2013	9:15	clhye	6	4		m	103	150	2	6	Lubecki	JTP, TSC, KLM
11/17/2013	9:15	clhye	6	4		m	103	100	2	6	Lubecki	JTP, TSC, KLM
11/17/2013	9:30	clhye	6	7		m	203	50	2	6	Lubecki	JTP, TSC, KLM
11/17/2013	9:30	clhye	6	7		m	203	50	2	6	Lubecki	JTP, TSC, KLM

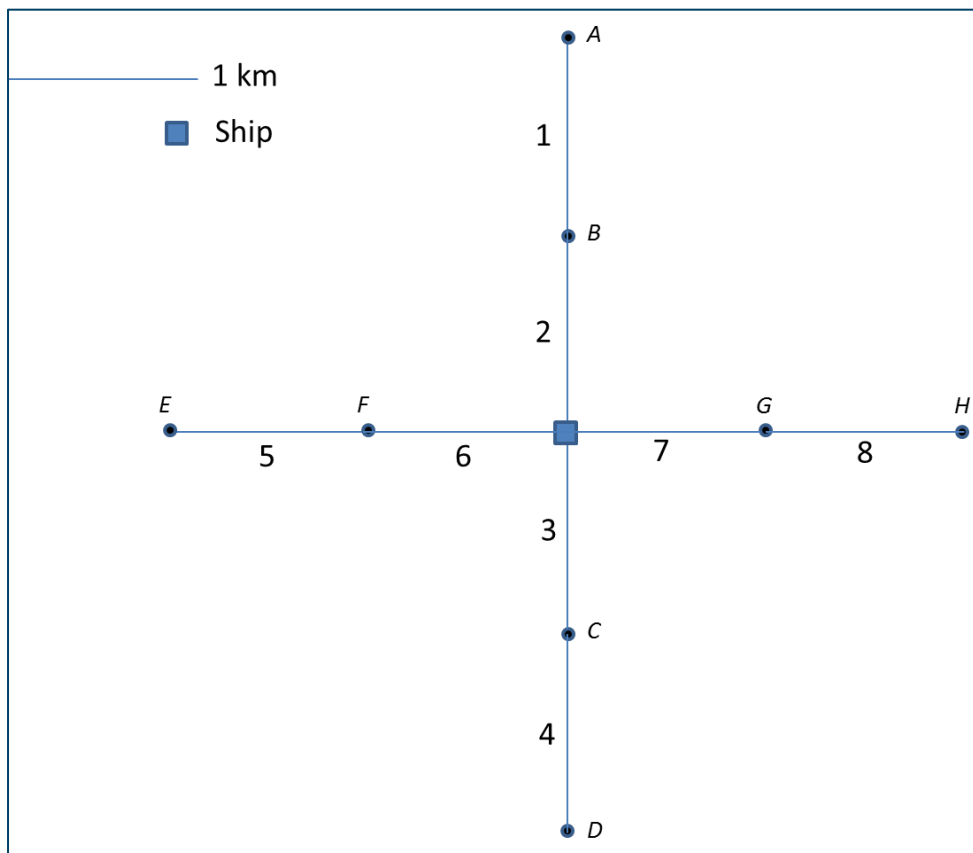
Date	TimeUTC	Species	TransSegm	Number	Age	Plumage	Behaviour	Distance	Height	Direction	Vessel	Observers
11/17/2013	10:00	clhye	2	5			201	300	2	1	Lubecki	JTP, TSC, KLM
11/17/2013	10:30	altor	2	1			203	300	2	8	Lubecki	JTP, TSC, KLM
11/17/2013	10:30	clhye	2	7	ad		203	200	2	1	Lubecki	JTP, TSC, KLM
11/17/2013	10:30	uraal	2	2			203	200	2	8	Lubecki	JTP, TSC, KLM
11/17/2013	10:45	clhye	2	1		f	203	50	2	6	Lubecki	JTP, TSC, KLM
11/17/2013	12:00	alcsp		1			203	200	5	1	Lubecki	JTP, TSC, KLM
11/17/2013	12:15	clhye	6	1		m	203	400	2	7	Lubecki	JTP, TSC, KLM
11/18/2013	5:45	caspi		1			205	20	5	1	Lubecki	JTP, TSC, KLM
11/18/2013	6:00	cycyg	3	2	im		205	150	7	7	Lubecki	JTP, TSC, KLM
11/18/2013	6:00	cycyg	3	3	ad		205	150	7	7	Lubecki	JTP, TSC, KLM
11/18/2013	6:15	clhye	7	1		f	203	250	1	7	Lubecki	JTP, TSC, KLM
11/18/2013	6:15	phcar	3	1	ad		205	200	15	7	Lubecki	JTP, TSC, KLM
11/18/2013	6:30	anpra	7	1			205	25	15	7	Lubecki	JTP, TSC, KLM
11/18/2013	6:30	emcit	7	1			205	100	5	6	Lubecki	JTP, TSC, KLM
11/18/2013	6:30	larid	6	8			203	250	10	7	Lubecki	JTP, TSC, KLM
11/18/2013	7:00	anasp		30			205	4000	5	8	Lubecki	JTP, TSC, KLM
11/18/2013	7:00	clhye	7	2		m	203	250	2	6	Lubecki	JTP, TSC, KLM
11/18/2013	7:00	clhye	3	2		f	203	100	5	7	Lubecki	JTP, TSC, KLM
11/18/2013	7:00	cyspe	3	26			205	1800	50	8	Lubecki	JTP, TSC, KLM
11/18/2013	7:15	anasp		8			205	3500	10	8	Lubecki	JTP, TSC, KLM
11/18/2013	7:15	cycyg	1	21			205	1800	20	9	Lubecki	JTP, TSC, KLM
11/18/2013	7:30	cyspe		40	ad		205	2000	2	7	Lubecki	JTP, TSC, KLM
11/18/2013	7:45	clhye		7			103	3400	5	7	Lubecki	JTP, TSC, KLM
11/18/2013	7:45	cyspe		6			205	3000	2	8	Lubecki	JTP, TSC, KLM
11/18/2013	7:45	cyspe		6			205	3700	10	8	Lubecki	JTP, TSC, KLM
11/18/2013	7:45	cyspe	3	10			205	1800	2	8	Lubecki	JTP, TSC, KLM
11/18/2013	8:00	anasp		20			203	3500	10	8	Lubecki	JTP, TSC, KLM
11/18/2013	8:00	cyspe		5			205	2500	2	8	Lubecki	JTP, TSC, KLM

Date	TimeUTC	Species	TransSegm	Number	Age	Plumage	Behaviour	Distance	Height	Direction	Vessel	Observers
11/18/2013	8:15	menig	6	5			103	500	5	6	Lubecki	JTP, TSC, KLM
11/18/2013	8:30	alkur	6	1			203	300	10	6	Lubecki	JTP, TSC, KLM
11/18/2013	8:30	anasp		5			103	10	10	9	Lubecki	JTP, TSC, KLM
11/18/2013	8:30	anpra	3	1			205	50	5	7	Lubecki	JTP, TSC, KLM
11/18/2013	8:30	stvul	3	10			205	150	5	7	Lubecki	JTP, TSC, KLM
11/18/2013	8:30	unpas	2	4			205	150	10	7	Lubecki	JTP, TSC, KLM
11/18/2013	8:45	cyspe		7			205	2800	10	8	Lubecki	JTP, TSC, KLM
11/18/2013	9:00	altor	3	1			103	100	2	1	Lubecki	JTP, TSC, KLM
11/18/2013	9:00	clhye	6	3		m	103	100	5	6	Lubecki	JTP, TSC, KLM
11/18/2013	9:00	clhye	6	2		f	103	100	5	6	Lubecki	JTP, TSC, KLM
11/18/2013	9:00	gaste	7	1			103	200	5	2	Lubecki	JTP, TSC, KLM
11/18/2013	9:15	mefus		35			103	2100	15	7	Lubecki	JTP, TSC, KLM
11/18/2013	9:30	altor	7	1			103	200	3	5	Lubecki	JTP, TSC, KLM
11/18/2013	9:30	clhye	4	4			103	1100	4	7	Lubecki	JTP, TSC, KLM
11/18/2013	9:30	larid	7	3			203	500	10	6	Lubecki	JTP, TSC, KLM
11/18/2013	9:45	clhye		10			103	300	5	6	Lubecki	JTP, TSC, KLM
11/18/2013	10:00	clhye	3	2			203	300	5	8	Lubecki	JTP, TSC, KLM
11/18/2013	10:00	gaarc	3	1			103	200	10	5	Lubecki	JTP, TSC, KLM
11/18/2013	10:15	clhye	4	4			103	1200	50	4	Lubecki	JTP, TSC, KLM
11/18/2013	10:30	mefus	4	40			205	1500	20	8	Lubecki	JTP, TSC, KLM
11/18/2013	10:30	mespe		30			205	2100	10	8	Lubecki	JTP, TSC, KLM
11/18/2013	10:45	gaarc	2	1			103	400	20	4	Lubecki	JTP, TSC, KLM
11/18/2013	11:00	clhye	2	2			203	100	5	3	Lubecki	JTP, TSC, KLM
11/18/2013	11:00	mefus	4	11			205	1500	5	8	Lubecki	JTP, TSC, KLM
11/18/2013	11:00	mersp	7	3			103	400	10	2	Lubecki	JTP, TSC, KLM
11/18/2013	11:15	altor	6	1			203	500	2	2	Lubecki	JTP, TSC, KLM
11/18/2013	11:15	altor	7	1			103	300	5	2	Lubecki	JTP, TSC, KLM
11/18/2013	11:15	anasp		10			205	400	20	8	Lubecki	JTP, TSC, KLM

Date	TimeUTC	Species	TransSegm	Number	Age	Plumage	Behaviour	Distance	Height	Direction	Vessel	Observers
11/18/2013	11:15	cyspe	1	25			205	1900	5	8	Lubecki	JTP, TSC, KLM
11/18/2013	11:30	altor	6	2			103	400	10	2	Lubecki	JTP, TSC, KLM
11/18/2013	11:30	mefus	6	6			203	800	5	6	Lubecki	JTP, TSC, KLM
11/18/2013	12:15	altor	6	1			203	400	5	2	Lubecki	JTP, TSC, KLM
11/18/2013	12:15	clhye	3	5			203	200	5	5	Lubecki	JTP, TSC, KLM
11/18/2013	14:00	mefus	3	17			203	200	5	7	Lubecki	JTP, TSC, KLM
11/18/2013	14:15	clhye	2	12			203	150	10	8	Lubecki	JTP, TSC, KLM
11/19/2013	10:00	cyspe		10			205	5000	10	7	Lubecki	JTP, TSC, KLM
11/19/2013	10:30	altor	3	1			103	200	3	3	Lubecki	JTP, TSC, KLM

A.1 Raw data table field explanations

Data field	Explanation
Date	Date of observations
Time_UTC	UTC time of observations broken into 15 minute segments
Species	Species code of observed birds; see worksheet "Species codes" for full English and Latin names
TransSegm	Transect segment indicating observed bird location relative to the ship, see inserted scheme below
Number	Number of individual birds observed
Age	Age of observed birds (ad - adult, juv - juvenile, imm - immature)
Plumage	Plumage of observed birds (W - winter, B - breeding, M - moulting)
Behaviour	Behaviour code, see codes listed on this worksheet --->
Distance	Distance to observed bird(s) in meters
Height	Visually estimated flight altitude of observed bird(s) in meters
Direction	Flying direction of observed birds, see inserted scheme --->
Vessel	Survey vessel name
Observers	Observer initials



Transect segments indicated by numbers, buoys indicated by dots and letters

Direction of flight ³ :		
	2	
9	N	3
	NW NE	
8	W 1 E 4	
	SW SE	
7	S	5
	6	

Behaviour code	Behaviour
103	flying
104	flying, foraging
105	flying, with fish
107	flying, followingship
201	landing on water
202	flying up from the water
203	flying, probably resident/local
205	flying, probably migrating

Key table providing scientific and English names of bird species abbreviated in the raw data table above.

Species code	Scientific name	English name
acaru	<i>Acrocephalus arundinaceus</i>	Great Reed Warbler
acgen	<i>Accipiter gentilis</i>	Northern Goshawk
achyp	<i>Actitis hypoleucos</i>	Common Sandpiper
acnis	<i>Accipiter nisus</i>	Eurasian Sparrowhawk
acpal	<i>Acrocephalus palustris</i>	Marsh Warbler
acrpa	<i>Acrocephalus paludicola</i>	Aquatic Warbler
acsch	<i>Acrocephalus schoenobaenus</i>	Sedge Warbler
acsci	<i>Acrocephalus scirpaceus</i>	Eurasian Reed Warbler
acspe	<i>Acrocephalus indet.</i>	Unidentified Acrocephalus
aecau	<i>Aegithalos caudatus</i>	Long-tailed Bushtit
alaeg	<i>Alopochen aegyptiacus</i>	Egyptian Goose
alall	<i>Alle alle</i>	Little Auk
alarv	<i>Alauda arvensis</i>	Eurasian Skylark
alatt	<i>Alcedo atthis</i>	Common Kingfisher
alcsp	<i>Alcidae indet.</i>	Unidentified auk
alkur	<i>Alca torda / Uria aalge</i>	Murre/Razorbill
altor	<i>Alca torda</i>	Razorbill
anacu	<i>Anas acuta</i>	Northern Pintail
analb	<i>Anser albifrons</i>	Greater White-fronted Goose
anans	<i>Anser anser</i>	Greylag Goose
anasp	<i>Anatinae indet.</i>	Unidentified Duck
anbra	<i>Anser brachyrhynchus</i>	Pink-footed Goose
ancam	<i>Anthus campestris</i>	Tawny Pipit
ancar	<i>Anas carolinensis</i>	Green-winged Teal
ancer	<i>Anthus cervinus</i>	Red-throated Pipit
ancly	<i>Anas clypeata</i>	Northern Shoveler
ancre	<i>Anas crecca</i>	Eurasian Teal
anery	<i>Anser erythropus</i>	Lesser White-fronted Goose
anfab	<i>Anser fabalis</i>	Bean Goose
anhod	<i>Anthus hodgsoni</i>	Olive-backed Pipit
anind	<i>Anser indicus</i>	Bar-headed Goose
anlit	<i>Anthus spinoletta</i>	Water Pipit
anpen	<i>Anas penelope</i>	Eurasian Wigeon
anpla	<i>Anas platyrhynchos</i>	Mallard
anpra	<i>Anthus pratensis</i>	Meadow Pipit
anque	<i>Anas querquedula</i>	Garganey
anric	<i>Anthus richardi</i>	Richard's Pipit
anspe	<i>Anserini indet.</i>	Unidentified Goose

Species code	Scientific name	English name
anstr	<i>Anas strepera</i>	Gadwall
antri	<i>Anthus trivialis</i>	Tree Pipit
antsp	<i>Motacillidae indet.</i>	Unidentified Pipit
apapu	<i>Apus apus</i>	Common Swift
aqchr	<i>Aquila chrysaetos</i>	Golden Eagle
aqcla	<i>Aquila clanga</i>	Greater Spotted Eagle
aqpom	<i>Aquila pomarina</i>	Lesser Spotted Eagle
arcin	<i>Ardea cinerea</i>	Grey Heron
arint	<i>Arenaria interpres</i>	Ruddy Turnstone
armel	<i>Ardea purpurea</i>	Purple Heron
asfla	<i>Asio flammeus</i>	Short-eared Owl
asofl	<i>Asio sp.</i>	Long-/Short-eared Owl
asotu	<i>Asio otus</i>	Long-eared Owl
atnoc	<i>Athene noctua</i>	Little Owl
ayfer	<i>Aythya ferina</i>	Common Pochard
ayful	<i>Aythya fuligula</i>	Tufted Duck
aymar	<i>Aythya marila</i>	Greater Scaup
aynyr	<i>Aythya nyroca</i>	Ferruginous Duck
bm	<i>Parus caeruleus</i>	Blue Tit
bogar	<i>Bombycilla garrulus</i>	Bohemian Waxwing
boste	<i>Botaurus stellaris</i>	Eurasian Bittern
brben	<i>Branta bernicla</i>	Breant Goose (Nigrans)
brber	<i>Branta bernicla</i>	Brant Goose
brcan	<i>Branta canadensis</i>	Greater Canada Goose
brleu	<i>Branta leucopsis</i>	Barnacle Goose
brruf	<i>Branta ruficollis</i>	Red-breasted Goose
bubut	<i>Buteo buteo</i>	Common Buzzard
bucla	<i>Bucephala clangula</i>	Common Goldeneye
buibi	<i>Bubulcus ibis</i>	Cattle Egret
bulag	<i>Buteo lagopus</i>	Rough-legged Buzzard
buoed	<i>Burhinus oediconemus</i>	Eurasian Stone-curlew
buspe	<i>Buteo buteo</i>	Unidentified Buzzard
caalb	<i>Calidris alba</i>	Sanderling
caalp	<i>Calidris alpina</i>	Dunlin
cacan	<i>Calidris canutus</i>	Red Knot
cacar	<i>Carduelis carduelis</i>	European Goldfinch
cachl	<i>Carduelis chloris</i>	European Greenfinch
cadio	<i>Calonectris diomedea</i>	Cory's Shearwater
caery	<i>Carpodacus erythrinus</i>	Common Rosefinch
caeur	<i>Caprimulgus europaeus</i>	European Nightjar

Species code	Scientific name	English name
cafer	<i>Calidris ferruginea</i>	Curlew Sandpiper
cafla	<i>Carduelis flavirostris</i>	Twite
cahor	<i>Carduelis hornemanni</i>	Arctic Redpoll
calap	<i>Calcarius lapponicus</i>	Lapland Longspur
camar	<i>Calidris maritima</i>	Purple Sandpiper
camin	<i>Calidris minuta</i>	Little Stint
carca	<i>Carduelis cannabina</i>	Common Linnet
carfl	<i>Carduelis flammea</i>	Common Redpoll
carsp	<i>Carduelis hornemanni</i>	Unidentified Carduelis
caspe	<i>Calidris himantopus</i>	Unidentified Calidris
caspi	<i>Carduelis spinus</i>	Eurasian Siskin
catem	<i>Calidris temminckii</i>	Temminck's Stint
cebra	<i>Certhia brachydactyla</i>	Short-toed Treecreeper
cefam	<i>Certhia familiaris</i>	Eurasian Treecreeper
cegry	<i>Cephus grylle</i>	Black Guillemot
chale	<i>Charadrius alexandrinus</i>	Kentish Plover
chdub	<i>Charadrius dubius</i>	Little Ringed Plover
chhia	<i>Charadrius hiaticula</i>	Common Ringed Plover
chleu	<i>Chlidonias leucopterus</i>	White-winged Tern
chmor	<i>Charadrius morinellus</i>	Eurasian Dotterel
chnig	<i>Chlidonias niger</i>	Black Tern
chspe	<i>Charadrius hiaticula</i>	Unidentified Ringed Plover
ciaer	<i>Circus aeruginosus</i>	Western Marsh Harrier
cicic	<i>Ciconia ciconia</i>	White Stork
cicin	<i>Cinclus cinclus</i>	White-throated Dipper
cicya	<i>Circus cyaneus</i>	Northern Harrier
cigal	<i>Circaetus gallicus</i>	Short-toed Snake Eagle
cimac	<i>Circus macrourus</i>	Pallid Harrier
Cimap	<i>Circus macrourus</i>	Pallied/Montague's harrier
cinig	<i>Ciconia nigra</i>	Black Stork
cipyg	<i>Circus pygargus</i>	Montagu's Harrier
cispe	<i>Circus cyaneus</i>	Unidentified Harrier
clhye	<i>Clangula hyemalis</i>	Long-tailed Duck
cococ	<i>Coccothraustes coccothraustes</i>	Hawfinch
cocoe	<i>Corvus corone cornix</i>	Carrion Crow
cocot	<i>Coturnix coturnix</i>	Common Quail
cocox	<i>Corvus corone</i>	Carrion Crow
co'do	<i>Columba livia</i>	Common Pigeon
cofru	<i>Corvus frugilegus</i>	Rook
colsp	<i>Columba palumbus</i>	Unidentified pigeon

Species code	Scientific name	English name
comon	<i>Corvus monedula</i>	Western Jackdaw
cooen	<i>Columba oenas</i>	Stock Dove
copal	<i>Columba palumbus</i>	Common Wood Pigeon
corco	<i>Corvus corax</i>	Northern Raven
cospe	<i>Corvus frugilegus</i>	Unidentified Corvus
crcre	<i>Crex crex</i>	Corn Crake
cucan	<i>Cuculus canorus</i>	Common Cuckoo
cycoc	<i>Cygnus columbianus bewickii</i>	Tundra/Whooper Swan
cycol	<i>Cygnus columbianus</i>	Tundra Swan
cycyg	<i>Cygnus cygnus</i>	Whooper Swan
cyolo	<i>Cygnus olor</i>	Mute Swan
cyspe	<i>Cygnidae indet.</i>	Unidentified swan
demaj	<i>Picoides major</i>	Great Spotted Woodpecker
demed	<i>Picoides medius</i>	Middle Spotted Woodpecker
demin	<i>Picoides minor</i>	Lesser Spotted Woodpecker
detri	<i>Picoides tridactylus</i>	Eurasian Three-toed Woodpecker
deurb	<i>Delichon urbica</i>	Common House Martin
dimel	<i>Egretta alba</i>	Great Egret
dimel	<i>Diomedea melanophris</i>	Black-browed Albatross
drmar	<i>Dryocopus martius</i>	Black Woodpecker
egalb	<i>Egretta garzetta</i>	Little Egret
eggar	<i>Emberiza aureola</i>	Yellow-breasted Bunting
emcal	<i>Emberiza calandra</i>	Corn Bunting
emcal	<i>Merops persicus</i>	Blue-cheeked Bee-eater
emcit	<i>Emberiza citrinella</i>	Yellowhammer
emhor	<i>Emberiza hortulana</i>	Ortolan Bunting
emsch	<i>Emberiza schoeniclus</i>	Common Reed Bunting
eralp	<i>Eremophila alpestris</i>	Horned Lark
errub	<i>Erithacus rubecula</i>	European Robin
facol	<i>Falco columbarius</i>	Merlin
falsp	<i>Falco indet.</i>	Unidentified Falcon
faper	<i>Falco peregrinus</i>	Peregrine Falcon
farus	<i>Falco rusticolus</i>	Gyrfalcon
fasub	<i>Falco subbuteo</i>	Eurasian Hobby
fatin	<i>Falco tinnunculus</i>	Common Kestrel
faves	<i>Falco vespertinus</i>	Red-footed Falcon
fialb	<i>Ficedula albicollis</i>	Collared Flycatcher
fihyp	<i>Ficedula hypoleuca</i>	Eurasian Pied Flycatcher
fipar	<i>Ficedula parva</i>	Red-breasted Flycatcher
frac	<i>Fratercula arctica</i>	Atlantic Puffin

Species code	Scientific name	English name
frcoe	<i>Fringilla coelebs</i>	Common Chaffinch
frmon	<i>Fringilla montifringilla</i>	Brambling
fuatr	<i>Fulica atra</i>	Eurasian Coot
fugla	<i>Fulmarus glacialis</i>	Northern Fulmar
gaadm	<i>Gavia adamsii</i>	Yellow-billed Loon
gaarc	<i>Gavia arctica</i>	Black-throated Loon
gachl	<i>Gallinula chloropus</i>	Common Moorhen
gacri	<i>Galerida cristata</i>	Crested Lark
gagal	<i>Gallinago gallinago</i>	Common Snipe
gagla	<i>Gallinula chloropus</i>	Eurasian Jay
gaimm	<i>Gavia immer</i>	Great Northern Loon
gamed	<i>Gallinago media</i>	Great Snipe
gaste	<i>Gavia stellata</i>	Red-throated Loon
gavsp	<i>Gavia sp.</i>	Unidentified Diver
genil	<i>Gelochelidon nilotica</i>	Gull-billed Tern
glpas	<i>Glaucidium passerinum</i>	Eurasian Pygmy Owl
grgru	<i>Grus grus</i>	Common Crane
haalb	<i>Haliaeetus albicilla</i>	White-tailed Eagle
haost	<i>Haematopus ostralegus</i>	Eurasian Oystercatcher
hihim	<i>Himantopus himantopus</i>	Black-winged Stilt
hiict	<i>Hippolais icterina</i>	Icterine Warbler
hirsp	<i>Hirundinacea</i>	Unidentified swallow
hirus	<i>Hirundo rustica</i>	Barn Swallow
hypel	<i>Hydrobates pelagicus</i>	European Storm Petrel
jytor	<i>Jynx torquilla</i>	Eurasian Wryneck
laarg	<i>Larus argentatus</i>	Herring Gull
laca	<i>Larus argentatus</i>	Mew/Herring Gull
lacac	<i>Larus cachinnans</i>	Caspian Gull
lacam	<i>Larus michahellis</i>	Yellow-legged Gull
laca	<i>Larus canus</i>	Mew Gull
lacol	<i>Lanius collurio</i>	Red-backed Shrike
laexc	<i>Lanius excubitor</i>	Great Grey Shrike
lafug	<i>Larus argentatus / canus</i>	Herring/Ls. Black-B. Gull
lafum	<i>Larus fuscus / marinus</i>	Lesser/Greater Black-backed Gull
lafus	<i>Larus fuscus</i>	Lesser Black-backed Gull
lagla	<i>Larus glaucoides</i>	Iceland Gull
lahyp	<i>Larus hyperboreus</i>	Glaucous Gull
lamar	<i>Larus marinus</i>	Great Black-backed Gull
lamel	<i>Larus melanocephalus</i>	Mediterranean Gull
lamin	<i>Larus minutus</i>	Little Gull

Species code	Scientific name	English name
larid	<i>Larus ridibundus</i>	Black-headed Gull
laris	<i>Laridae indet.</i>	Unidentified small Gull
larsp	<i>Larus indet.</i>	Unidentified Gull
lasab	<i>Larus sabini</i>	Sabine's Gull
lasen	<i>Lanius senator</i>	Woodchat Shrike
latha	<i>Larus thayeri</i>	Thayer's Gull
lifal	<i>Limicola falcinellus</i>	Broad-billed Sandpiper
lilap	<i>Limosa lapponica</i>	Bar-tailed Godwit
lilim	<i>Limosa limosa</i>	Black-tailed Godwit
locur	<i>Loxia curvirostra</i>	Red Crossbill
loflu	<i>Locustella fluviatilis</i>	River Warbler
loleu	<i>Loxia leucoptera</i>	Two-barred Crossbill
lolus	<i>Locustella luscinioides</i>	Savi's Warbler
lonae	<i>Locustella naevia</i>	Common Grasshopper Warbler
lopyt	<i>Loxia pytyopsittacus</i>	Parrot Crossbill
luarb	<i>Lullula arborea</i>	Wood Lark
lucal	<i>Luscinia calliope</i>	Siberian Rubythroat
lulus	<i>Luscinia luscinia</i>	Thrush Nightingale
lumeg	<i>Luscinia megarhynchos</i>	Common Nightingale
lussv	<i>Luscinia svecica svecica</i>	Bluethroat
lusvc	<i>Luscinia svecica cyanecula</i>	Bluethroat
lusve	<i>Luscinia svecica</i>	Bluethroat
lymin	<i>Lymnocyptes minimus</i>	Jack Snipe
mealb	<i>Mergellus albellus</i>	Smew
meapi	<i>Merops apiaster</i>	European Bee-eater
mefus	<i>Melanitta fusca</i>	Velvet Scoter
memer	<i>Mergus merganser</i>	Common Merganser
menig	<i>Melanitta nigra</i>	Black Scoter
mersp	<i>Mergus albellus</i>	Unidentified Merganser
meser	<i>Mergus serrator</i>	Red-breasted Merganser
mespe	<i>Melanitta indet.</i>	Black/Velvet Scoter
mimig	<i>Milvus migrans</i>	Black Kite
mimil	<i>Milvus milvus</i>	Red Kite
mispe	<i>Miliaria calandra</i>	Red/Black Kite
moalb	<i>Motacilla alba</i>	White Wagtail
mocin	<i>Motacilla cinerea</i>	Grey Wagtail
mofla	<i>Motacilla flava</i>	Yellow Wagtail
mustr	<i>Muscicapa striata</i>	Spotted Flycatcher
neruf	<i>Netta rufina</i>	Red-crested Pochard
nuaq	<i>Numenius arquata</i>	Eurasian Curlew

Species code	Scientific name	English name
nucar	<i>Nucifraga caryocatactes</i>	Spotted Nutcracker
nupha	<i>Numenius phaeopus</i>	Whimbrel
nynyc	<i>Nycticorax nycticorax</i>	Black-crowned Night Heron
nysca	<i>Nyctea scandiaca</i>	Snowy Owl
ocleu	<i>Oceanodroma leucorhoa</i>	Leach's Storm Petrel
oeoen	<i>Oenanthe oenanthe</i>	Northern Wheatear
orori	<i>Oriolus oriolus</i>	Eurasian Golden Oriole
oxjam	<i>Oxyura jamaicensis</i>	Ruddy Duck
paate	<i>Parus ater</i>	Coal Tit
pabia	<i>Panurus biarmicus</i>	Bearded Reedling
pacri	<i>Parus cristatus</i>	European Crested Tit
padom	<i>Passer domesticus</i>	House Sparrow
pahal	<i>Pandion haliaetus</i>	Osprey
pamaj	<i>Parus major</i>	Great Tit
pamon	<i>Passer montanus</i>	Eurasian Tree Sparrow
papal	<i>Parus palustris</i>	Marsh Tit
parmo	<i>Parus montanus</i>	Willow Tit
peapi	<i>Pernis apivorus</i>	European Honey-buzzard
peper	<i>Perdix perdix</i>	Grey Partridge
phaco	<i>Phasianus colchicus</i>	Common Pheasant
phari	<i>Phalacrocorax aristotelis</i>	European Shag
phbon	<i>Phylloscopus bonelli</i>	Western Bonelli's Warbler
phbor	<i>Phylloscopus borealis</i>	Arctic Warbler
phcar	<i>Phalacrocorax carbo</i>	Great Cormorant
phcol	<i>Phylloscopus collybita</i>	Common Chiffchaff
phino	<i>Phylloscopus inornatus</i>	Yellow-browed Warbler
phlob	<i>Phalaropus lobatus</i>	Red-necked Phalarope
phoch	<i>Phoenicurus ochruros</i>	Black Redstart
phoph	<i>Phoenicurus phoenicurus</i>	Common Redstart
phpro	<i>Phylloscopus proregulus</i>	Pallas's Leaf Warbler
phpug	<i>Philomachus pugnax</i>	Ruff
phsib	<i>Phylloscopus sibilatrix</i>	Wood Warbler
phtro	<i>Phylloscopus trochilus</i>	Willow Warbler
physp	<i>Phylloscopus indet.</i>	Unidentified Phylloscopus
phytr	<i>Phylloscopus trochiloides</i>	Greenish Warbler
pipic	<i>Pica pica</i>	Eurasian Magpie
pivir	<i>Picus viridis</i>	European Green Woodpecker
plapr	<i>Pluvialis apricaria</i>	European Golden Plover
plaps	<i>Pluvialis apricaria</i>	Golden/Grey Plover
plleu	<i>Platalea leucorodia</i>	Eurasian Spoonbill

Species code	Scientific name	English name
plniv	<i>Plectrophenax nivalis</i>	Snow Bunting
plsqu	<i>Pluvialis squatarola</i>	Grey Plover
poaur	<i>Podiceps auritus</i>	Horned Grebe
pocri	<i>Podiceps cristatus</i>	Great Crested Grebe
pogri	<i>Podiceps grisegena</i>	Red-necked Grebe
ponig	<i>Podiceps nigricollis</i>	Black-necked Grebe
popar	<i>Porzana parva</i>	Little Crake
popor	<i>Porzana porzana</i>	Spotted Crake
popus	<i>Porzana pusilla</i>	Baillon's Crake
pospe	<i>Podiceps nigricollis</i>	Unidentified Grebe
poste	<i>Polysticta stelleri</i>	Steller's Eider
prmod	<i>Prunella modularis</i>	Dunnock
pugri	<i>Puffinus griseus</i>	Sooty Shearwater
pupuf	<i>Puffinus puffinus</i>	Manx Shearwater
pupum	<i>Puffinus puffinus mauretanicus</i>	Balearic Shearwater
puspe	<i>Puffinus griseus</i>	Unidentified Shearwater
pypyr	<i>Pyrrhula pyrrhula</i>	Eurasian Bullfinch
raaqu	<i>Rallus aquaticus</i>	Water Rail
reavo	<i>Recurvirostra avosetta</i>	Pied Avocet
reign	<i>Regulus ignicapillus</i>	Firecrest
repen	<i>Remiz pendulinus</i>	Eurasian Penduline Tit
rereg	<i>Regulus regulus</i>	Goldcrest
respe	<i>Regulus indet.</i>	
ririp	<i>Riparia riparia</i>	Sand Martin
ritri	<i>Rissa tridactyla</i>	Black-legged Kittiwake
rovsp	<i>Accipitridae indet.</i>	Unidentified Raptor
sarub	<i>Saxicola rubetra</i>	Whinchat
sator	<i>Saxicola torquata</i>	European Stonechat
scrus	<i>Scolopax rusticola</i>	Eurasian Woodcock
seser	<i>Serinus serinus</i>	European Serin
sieur	<i>Sitta europaea</i>	Eurasian Nuthatch
skua	<i>Stercorariidae indet.</i>	Unidentified Skua
somol	<i>Somateria mollissima</i>	Common Eider
sospe	<i>Somateria spectabilis</i>	King Eider
stalb	<i>Sterna albifrons</i>	Little Tern
stalu	<i>Strix aluco</i>	Tawny Owl
stcas	<i>Sterna caspia</i>	Caspian Tern
stdec	<i>Streptopelia decaocto</i>	Eurasian Collared Dove
stepa	<i>Sterna paradisaea</i>	Arctic Tern
sthip	<i>Sterna hirundo / paradisaea</i>	Common/Arctic Tern

Species code	Scientific name	English name
sthir	<i>Sterna hirundo</i>	Common Tern
stlon	<i>Stercorarius longicaudus</i>	Long-tailed Skua
stlpm	<i>Stercorarius longicaudus/parasiticus/pomarinus</i>	Long-tailed/Parasitic/Pomarine Skua
stnsp	<i>Sterninae indet.</i>	Unidentified Tern
stpap	<i>Stercorarius parasiticus / pomarinus</i>	Parasitic/Pomarine Skua
stpar	<i>Stercorarius parasiticus</i>	Parasitic Skua
stpom	<i>Stercorarius pomarinus</i>	Pomarine Skua
stsan	<i>Sterna sandvicensis</i>	Sandwich Tern
stsku	<i>Stercorarius skua</i>	Great Skua
sttur	<i>Streptopelia turtur</i>	European Turtle Dove
stvul	<i>Sturnus vulgaris</i>	Common Starling
subas	<i>Sula bassana</i>	Northern Gannet
syatr	<i>Sylvia atricapilla</i>	Eurasian Blackcap
sybor	<i>Sylvia borin</i>	Garden Warbler
sycom	<i>Sylvia communis</i>	Common Whitethroat
sycur	<i>Sylvia curruca</i>	Lesser Whitethroat
synis	<i>Sylvia nisoria</i>	Barred Warbler
tafer	<i>Tadorna ferruginea</i>	Ruddy Shelduck
taruf	<i>Tachybaptus ruficollis</i>	Little Grebe
tatad	<i>Tadorna tadorna</i>	Common Shelduck
trery	<i>Tringa erythropus</i>	Spotted Redshank
trgla	<i>Tringa glareola</i>	Wood Sandpiper
trneb	<i>Tringa nebularia</i>	Common Greenshank
troch	<i>Tringa ochropus</i>	Green Sandpiper
trsta	<i>Tringa stagnatilis</i>	Marsh Sandpiper
trtot	<i>Tringa totanus</i>	Common Redshank
trtro	<i>Troglodytes troglodytes</i>	Eurasian Wren
tuili	<i>Turdus iliacus</i>	Redwing
tumer	<i>Turdus merula</i>	Common Blackbird
tuphi	<i>Turdus philomelos</i>	Song Thrush
tupil	<i>Turdus pilaris</i>	Fieldfare
turdus	<i>Turdidae indet.</i>	Unidentified Thrush
tutor	<i>Turdus torquatus</i>	Ring Ouzel
tuvis	<i>Turdus viscivorus</i>	Mistle Thrush
tyalb	<i>Tyto alba</i>	Barn Owl
uid	<i>Aves spec.</i>	Unidentified bird
unfin	<i>Fringilla coelebs</i>	Chaffinch/Brambling
unpas	<i>Passeriformes indet.</i>	Unidentified Passerine
unwad	<i>Limicolae indet.</i>	Unidentified Wader
uoepo	<i>Upupa epops</i>	Eurasian Hoopoe

Species code	Scientific name	English name
uraal	<i>Uria aalge</i>	Common Murre
urlom	<i>Uria lomvia</i>	Thick-billed Murre
vavan	<i>Vanellus vanellus</i>	Northern Lapwing
xecin	<i>Xenus cinereus</i>	Terek Sandpiper

