

Table S1. Release cases involving bottlenose dolphins. Cases are arranged by intervention circumstance, whether the dolphin was rescued after stranding, or through capture. Within these categories, cases are sorted by success designation.

Case ID	Animal ID	Age	Sex	State	Acquire date	Days in rehab	Rehab facility ^a	Stranded or captured	Single or mass stranded	Reason for intervention	No. contact days	Release success
MML 9703	Gulliver	Adult	M	FL	1997-Jan-30	110	MML	Stranded	Single	Pneumonia	47	S
C192	Baker D	Subad	M	CA	2004-Sep-15	63	TMMC	Stranded	Single	Unknown	90	S
MML 9307	Freeway	Adult	M	FL	1993-Jun-07	107	MML	Stranded	Single	Sharkbite, Hemothorax	195	S
MML 0807	Ginger	Subad	F	FL	2008-Dec-16	55	MML	Stranded	Single	Unknown	>616	S
MML 9708	Buster	Adult	M	FL	1997-Sep-21	68	MML	Stranded	Single	Gastritis, Malnutrition	1	UP
MML 0334	Jack	Adult	M	FL	2003-Oct-30	134	MML	Stranded	Single	Pneumonia, Burns	18	UP
MML 0605	Val	Adult	F	FL	2006-Feb-12	100	MML	Stranded	Single	Abscesses, Malnutrition	29	UP
HBOI-0010	FBC6	Adult	M	FL	2000-Aug-31	186	HBOI	Stranded	Single	Sharkbite	37	UP
CMSC 9634	Rudy	Adult	M	FL	1996-Dec-23	85	CMA	Stranded	Single	Pneumonia	43	UN
MML 0624	Castaway	Adult	F	FL	2006-Nov-12	79	MML	Stranded	Single	Unknown	<1	F
CMA 0809	Dunham	Subad	M	FL	2008-Dec-14	225	GULF	Stranded	Single	Pneumonia	1	F
MML 9905	Peanut	Subad	M	FL	1999-Jul-12	92	MML	Stranded	Single	Malnutrition	2	F
MML 0406	Caesar II	Adult	M	FL	2004-Mar-23	84	MML	Stranded	Single	Unknown	35	F
Hubbs-0639-Tt	Hata	NA	NA	FL	2006-Aug-02	0	HSWRI	Captured	Single	Out of Habitat	>365	S
Hubbs-0738-Tt	Lola	Adult	F	FL	2007-Jun-01	0	HSWRI	Captured	Single	Out of Habitat	>720	S
Hubbs-0778-Tt	Denny	Adult	M	FL	2007-Dec-13	0	HSWRI	Captured	Pair	Out of Habitat	>730	S
Hubbs-0779-Tt	VanSlough	Adult	M	FL	2007-Dec-13	0	HSWRI	Captured	Pair	Out of Habitat	>730	S
Hubbs-0742-Tt	Talon	Adult	F	FL	2007-Jun-14	0	HSWRI	Captured	Single	Out of Habitat	>1,040	S
PI199	Ranger	Subad	M	TX	2005-Mar-31	100	UTMSI-ARK	Captured	Single	Out of Habitat	>1,490	S
MML 0311	CR	Subad	M	FL	2003-Mar-19	43	MML	Captured	Single	Out of Habitat	30	UP
NY3726-2007	Seabreeze	Subad	M	NY	2007-Jul-21	114	RF	Captured	Single	Out of Habitat	30	UP
Hubbs-0885-Tt	Rio	Adult	M	FL	2008-Nov-03	0	HSWRI	Captured	Single	Entanglement	>365	S
MML 0335	Placida	Calf	F	FL	2003-Nov-14	0	MML	Captured	Single	Entanglement	1,408	S
MML 0620	Scrappy	Subad	M	FL	2006-Aug-03	0	MML	Captured	Single	Entanglement	>1,541	S
HBOI-0704-Tt	C4Lips	NA	NA	FL	2007-May-10	0	HSWRI	Captured	Single	Entanglement	NA	S
MML 0912	Matt	Adult	M	FL	1992-Jun-24	37	MML	Captured	Single	Entanglement	854	S
MML 0403	Toro	Subad	F	FL	2004-Mar-09	56	MML	Captured	Single	Entanglement	865	S
Hubbs-0906-Tt	Yamaha	Adult	F	FL	2009-Feb-05	0	HSWRI	Captured	Single	Out of Habitat	<1	UN

MML 0701	Filly	Calf	F	FL	2007-Jan-30	57	MML	Captured	Single	Entanglement	35	UN
Hubbs-1037-Tt	Tomi	Adult	M	FL	2010-Mar-25	0	HSWRI	Captured	Single	Out of Habitat	2	F
HBOI-0317	Carter	Calf	M	FL	2003-Aug-09	75	HBOI/MML	Captured	Single	Maternal Death	7	F

^a Rehabilitation facility:

CMA = Clearwater Marine Aquarium

GULF = GulfWorld

HBOI = Harbor Branch Oceanographic Institution

HSWRI = Hubbs-Sea World Research Institute

MML = Mote Marine Laboratory

RF = Riverhead Foundation

TMMC = The Marine Mammal Center

UTMSI-ARK = U. of Texas Marine Science Inst.

Table S2. Release cases involving species other than bottlenose dolphins. Cases are arranged by species, and within species, by success designation.

Case ID	Animal ID	Species ^a	Age	Sex	State	Acquire date	Days in rehab	Rehab facility ^b	Stranded or captured	Single or mass stranded	Cause of stranding	No. contact days	Release success
Dd-1	Catalina Bob	Dd	Adult	M	CA	1994-Apr-03	144	TMMC/ MW/SW	Stranded	Single	Unknown	31	UP
Dd-2	Dd-2	Dd	NA	NA	CA		NA	SW	Stranded	Single	Unknown	3	UN
PIT 1389	1389	La	NA	M	MA	1991-Feb-15	252	NEA	Stranded	Single	NA	6	UP
GA678	GA678	Sf	Adult	M	TX	1995-Feb-10	35	TAMUG/ NMFS	Stranded	Single	NA	24	UP
FKMMRT 0303	3	Gma	Adult	F	FL	2003-Apr-18	117	MMC	Stranded	Mass	Mass Stranding	57	S
FKMMRT 0304	4	Gma	Subad	M	FL	2003-Apr-18	117	MMC	Stranded	Mass	Mass Stranding	83	S
FKMMRT 0306	6	Gma	Subad	F	FL	2003-Apr-18	117	MMC	Stranded	Mass	Mass Stranding	109	S
FKMMRT 0302	2	Gma	Adult	F	FL	2003-Apr-18	117	MMC	Stranded	Mass	Mass Stranding	1	UP
FKMMRT 0307	7	Gma	Calf	F	FL	2003-Apr-18	117	MMC	Stranded	Mass	Mass Stranding	9	F
G. melas 1987	Gme 1987	Gme	Subad	M	MA	1986 Dec	180+	NEA	Stranded	Mass	Mass Stranding	94.5	S
Whale 25	25	Gme	Subad	M	MA	1999-Jun-28	114	MA	Stranded	Mass	Mass Stranding	127	S
Whale 26	26	Gme	Subad	M	MA	1999-Jun-28	114	MA	Stranded	Mass	Mass Stranding	132	S
NY3175-2004	Rocky	Gg	Subad	M	DE	2004-Jul-31	256	RF	Stranded	Single	Unknown	67	S
MML 0706A	Betty	Gg	Adult	F	FL	2007-May-04	146	MML	Stranded	Mass	Mass Stranding	106	S
MML 0514B	Clyde	Gg	Adult	M	FL	2005-Jul-16	209	MML	Stranded	Mass	Mass Stranding	24	UP
MML 0706AA	Big Al	Gg	Calf	M	FL	2007-May-04	146	MML	Stranded	Mass	Mass Stranding	1	UP
KB	Inky	Kb	Calf	F	NJ	1993-Nov-24	201	NA	Stranded	Single	Ingestion (Plastic)	4	UP
FB 508	508	Pp	Subad	F	NJ	1995-Apr-01	394	NA	Stranded	Single	Emaciated, infections	50	S
C147	Garber	Pp	Subad	M	CA	2001-Jul-25	100	TMMC	Stranded	Single	Unknown	155	S
NY3621-2007	Orville	Pp	Subad	M	NC	2007-Mar-01	126	RF	Stranded	Single	Fractured Rib/Spine	21	UP
NY3512-2006	Titan	Pp	Subad	M	RI	2006-Apr-07	89	RF	Stranded	Single	Unknown	1	UDD
MML 9711A	Alvin	Sb	Adult	M	FL	1997-Dec-14	101	MML	Stranded	Mass	Mass Stranding	157	S
MML 9711B	Blitzen	Sb	Adult	M	FL	1997-Dec-14	101	MML	Stranded	Mass	Mass Stranding	157	S
R366	Notch	Sb	NA	M	FL	2005-Mar-05	40	MARS	Stranded	Mass	Mass Stranding	49	S
MML 0414C	Bashful	Sb	Adult	F	FL	2004-Aug-06	209	MML	Stranded	Mass	Mass Stranding	20	UP
MML 0414F	Sleepy	Sb	Adult	M	FL	2004-Aug-06	209	MML	Stranded	Mass	Mass Stranding	23	UP
MML 0414G	Sneezy	Sb	Adult	M	FL	2004-Aug-06	209	MML	Stranded	Mass	Mass Stranding	4	UP
Y352	Y352	Sb	NA	M	FL	2005-Mar-05	59	MMC	Stranded	Mass	Mass Stranding	38	UP
R307	R307	Sb	NA	F	FL	2005-Mar-05	59	MMC	Stranded	Mass	Mass Stranding	30	UP
R372	R372	Sb	NA	F	FL	2005-Mar-05	191	MMC	Stranded	Mass	Mass Stranding	14	UP
R134	R134	Sb	NA	F	FL	2005-Mar-05	191	MMC	Stranded	Mass	Mass Stranding	12	UP
R304	R304	Sb	NA	F	FL	2005-Mar-05	59	MMC	Stranded	Mass	Mass Stranding	5	UP
R306	R306	Sb	NA	F	FL	2005-Mar-05	59	MMC	Stranded	Mass	Mass Stranding	5	UP
R136	R136	Sb	NA	F	FL	2005-Mar-05	59	MMC	Stranded	Mass	Mass Stranding	5	UP

R354	R354	Sb	NA	F	FL	2005-Mar-05	59	MMC	Stranded	Mass	Mass Stranding	5	UP
Y354-372	Y354-372	Sb	NA	M	FL	2005-Mar-05	59	MMC	Stranded	Mass	Mass Stranding	5	UP
Steno FB9	Steno FB9	Sb	Adult	F	FL	1997-Dec-14	178	GULF	Stranded	Mass	Mass Stranding	1	UDD
Steno FB8	Steno FB8	Sb	Adult	F	FL	1997-Dec-14	178	GULF	Stranded	Mass	Mass Stranding	21	UN

^a Species:

Dd = *Delphinus delphis*
Gg = *Grampus griseus*
Gma = *Globicephala macrorhynchus*
Gme = *Globicephala melas*
Kb = *Kogia breviceps*
La = *Lagenorhynchus acutus*
Pp = *Phocoena phocoena*
Sb = *Steno bredanensis*
Sf = *Stenella frontalis*

^b Rehabilitation Facility:

GULF = Gulfarium
MA = Mystic Aquarium
MARS = Marine Animal Rescue Society
MMC = Marine Mammal Conservancy
MML = Mote Marine Laboratory
MW = Marineworld
NA = National Aquarium
NEA = New England Aquarium
NMFS = National Marine Fisheries Service
RF - Riverhead Foundation
SW = Sea World
TAMUG = Texas A&M University, Galveston
TMMC = The Marine Mammal Center

Table S3. Tags deployed on released cetaceans. Cases arranged by species, and by success designation within species.

Animal ID	Species ^a	No. contact days	Release success	VHF tag	Satellite-linked tag
Scrappy	Tt	>1,541	S	ATS Bullet	No
Ranger	Tt	>1,490	S	ATS	No
Placida	Tt	1,408	S	No	No
Talon	Tt	>1,040	S	ATS Rotoradio	No
Toro	Tt	865	S	Holohil Bullet	No
Matt	Tt	854	S	No	No
Denny	Tt	>730	S	ATS Trac Pac	No
VanSlough	Tt	>730	S	ATS Trac Pac	No
Lola	Tt	>720	S	No	No
Ginger	Tt	>616	S	ATS Bullet	No
Hata	Tt	>365	S	No	No
Rio	Tt	>365	S	ATS Rotoradio	No
Freeway	Tt	195	S	Rotoradio	No
Baker D	Tt	90	S	Yes	No
Gulliver	Tt	47	S	Rotoradio	No
C4Lips	Tt	NA	S	No	No
FBC6	Tt	37	UP	ATS 10-28	No
CR	Tt	30	UP	Bullet	No
Seabreeze	Tt	30	UP	NA	WC Splash
Val	Tt	29	UP	ATS Bullet	No
Jack	Tt	18	UP	Holohil Bullet	No
Buster	Tt	1	UP	Rotoradio	No
Rudy	Tt	43	UN	No	Telonics ST-10
Filly	Tt	35	UN	ATS MM130 Bullet	No
Yamaha	Tt	<1	UN	ATS Rotoradio	No
Caesar II	Tt	35	F	No	WC SDR-T16
Carter	Tt	7	F	ATS MM120	No
Peanut	Tt	2	F	Rotoradio	Telonics PTT
Tomi	Tt	2	F	ATS Trac Pac	No
Dunham	Tt	1	F	Rotoradio	No
Castaway	Tt	<1	F	No	No
Catalina Bob	Dd	31	UP	NA	Yes
Dd-2	Dd	3	UN	NA	Yes
1389	La	6	UP	No	Yes
GA678	Sf	24	UP	Telonics Mod-050	WC SLTDR-3
6	Gma	109	S	Yes	Telonics PTT
4	Gma	83	S	Yes	Telonics PTT
3	Gma	57	S	Yes	Telonics PTT
2	Gma	1	UP	Yes	Telonics PTT
7	Gma	9	F	Yes	Telonics PTT
26	Gme	132	S	No	WC ST-10
25	Gme	127	S	No	WC ST-10
Gme-1987	Gme	95	S	No	Telonics ST-3
Betty	Gg	106	S	ATS Bullet	WC Splash
Rocky	Gg	67	S	Yes	WC Splash
Clyde	Gg	24	UP	ATS Bullet	WC Splash

Big Al	Gg	1	UP	ATS Bullet	No
Inky	Kb	4	UP	Telonics Mod-050, ATS 10-18	WC MK5 TDR
Garber	Pp	155	S	ATS 201	WC SPOT2
508	Pp	50	S	No	Telonics ST-10
Orville	Pp	21	UP	No	WC Splash
Titan	Pp	1	UDD	No	WC Splash
Alvin	Sb	157	S	Rotoradio	Telonics PTT
Blitzen	Sb	157	S	Rotoradio	Telonics PTT
Notch	Sb	49	S	No	WC SPOT4
Y352	Sb	38	UP	ATS Bullet	WC Splash
R307	Sb	30	UP	ATS Bullet	WC Splash
Sleepy	Sb	23	UP	Holohil AI-2 Bullet	WC Splash
Bashful	Sb	20	UP	Holohil AI-2 Bullet	WC Splash
R372	Sb	14	UP	ATS Bullet	WC Splash
R134	Sb	12	UP	ATS Bullet	WC Splash
R304	Sb	5	UP	ATS Bullet	No
R306	Sb	5	UP	ATS Bullet	No
R136	Sb	5	UP	ATS Bullet	No
R354	Sb	5	UP	ATS Bullet	No
Y354-372	Sb	5	UP	ATS Bullet	No
Sneezy	Sb	4	UP	Holohil AI-2 Bullet	WC Splash
Steno FB8	Sb	21	UN	No	Telonics PTT
Steno FB9	Sb	1	UDD	No	No

^a Species:

Dd = *Delphinus delphis*
Gg = *Grampus griseus*
Gma = *Globicephala macrorhynchus*
Gme = *Globicephala melas*
Kb = *Kogia breviceps*
La = *Lagenorhynchus acutus*
Pp = *Phocoena phocoena*
Sb = *Steno bredanensis*
Sf = *Stenella frontalis*
Tt = *Tursiops truncatus*

Table S4. Success relative to duration of rehabilitation, transport distance, transport time. Cases are arranged by intervention circumstance: rescue capture, mass stranding, individual stranding, and by species within each category.

Animal ID	Species ^a	Stranded or captured	Single or mass stranded	Days in rehabilitation	Release transport time (h)	Distance strand to release site (km)	Release success
Carter	Tt	Captured	Single	75	na	1	F
Tomi	Tt	Captured	Single	0	2.3	20	F
Filly	Tt	Captured	Single	57	1	6	UN
Yamaha	Tt	Captured	Single	0	na	53	UN
Rio	Tt	Captured	Single	0	na	0	S
Placida	Tt	Captured	Single	0	0	0	S
Scrappy	Tt	Captured	Single	0	0	0	S
Lola	Tt	Captured	Single	0	0.1	0.6	S
Matt	Tt	Captured	Single	37	5	1	S
Toro	Tt	Captured	Single	56	4	1	S
Denny	Tt	Captured	Single	0	na	2.4	S
VanSlough	Tt	Captured	Single	0	na	2.4	S
Ranger	Tt	Captured	Single	100	0.33	5	S
Talon	Tt	Captured	Single	0	na	14.8	S
CR	Tt	Captured	Single	43	na	18	UP
Seabreeze	Tt	Captured	Single	114	3	107	UP
Hata	Tt	Captured	Single	0	na	na	S
C4Lips	Tt	Captured	Single	0	na	na	S
7	Gma	Stranded	Mass	117	2	48	F
3	Gma	Stranded	Mass	117	2	48	S
4	Gma	Stranded	Mass	117	2	48	S
6	Gma	Stranded	Mass	117	2	48	S
Gme-1987	Gme	Stranded	Mass	180+	na	na	S
25	Gme	Stranded	Mass	114	na	200	S
26	Gme	Stranded	Mass	114	na	200	S
Betty	Gg	Stranded	Mass	146	7	226	S
Alvin	Sb	Stranded	Mass	101	14	333	S
Blitzen	Sb	Stranded	Mass	101	14	333	S
Notch	Sb	Stranded	Mass	40	na	na	S
FB9	Sb	Stranded	Mass	178	na	180	UDD
FB8	Sb	Stranded	Mass	178	na	180	UN
2	Gma	Stranded	Mass	117	2	48	UP
Clyde	Gg	Stranded	Mass	209	na	293	UP
Big Al	Gg	Stranded	Mass	146	7	226	UP
Bashful	Sb	Stranded	Mass	209	8	22	UP
Sleepy	Sb	Stranded	Mass	209	8	22	UP
Sneezy	Sb	Stranded	Mass	209	8	22	UP
Y352	Sb	Stranded	Mass	59	na	na	UP
R307	Sb	Stranded	Mass	59	na	na	UP
R372	Sb	Stranded	Mass	191	na	na	UP
R134	Sb	Stranded	Mass	191	na	na	UP
R304	Sb	Stranded	Mass	59	na	na	UP
R306	Sb	Stranded	Mass	59	na	na	UP
R136	Sb	Stranded	Mass	59	na	na	UP

R354	Sb	Stranded	Mass	59	na	na	UP
Y354-372	Sb	Stranded	Mass	59	na	na	UP
Dd-2	Dd	Stranded	Single	na	na	na	UN
Catalina	Dd	Stranded	Single	144	na	na	UP
Bob							
Rocky	Gg	Stranded	Single	256	6	268	S
Inky	Kb	Stranded	Single	201	12	na	UP
1389	La	Stranded	Single	252	na	66	UP
508	Pp	Stranded	Single	394	na	102	S
Garber	Pp	Stranded	Single	100	1	649	S
Titan	Pp	Stranded	Single	89	2	120	UDD
Orville	Pp	Stranded	Single	126	2	588	UP
GA678	Sf	Stranded	Single	35	na	65	UP
Rudy	Tt	Stranded	Single	85	na	240	UN
Gulliver	Tt	Stranded	Single	110	9	175	S
Castaway	Tt	Stranded	Single	79	5	5	F
Dunham	Tt	Stranded	Single	225	9	19	F
Peanut	Tt	Stranded	Single	92	na	8	F
Caesar II	Tt	Stranded	Single	84	na	25	F
Baker D	Tt	Stranded	Single	63	1	78	S
Freeway	Tt	Stranded	Single	107	1	16	S
Ginger	Tt	Stranded	Single	55	0.25	7	S
Buster	Tt	Stranded	Single	68	0.5	8	UP
Jack	Tt	Stranded	Single	134	na	5	UP
Val	Tt	Stranded	Single	100	4	8	UP
FBC6	Tt	Stranded	Single	186	0.1	13.5	UP

^a Species:

Dd = *Delphinus delphis*

Gg = *Grampus griseus*

Gma = *Globicephala macrorhynchus*

Gme = *Globicephala melas*

Kb = *Kogia breviceps*

La = *Lagenorhynchus acutus*

Pp = *Phocoena phocoena*

Sb = *Steno bredanensis*

Sf = *Stenella frontalis*

Tt = *Tursiops truncatus*