

Species	scientific name	Species code	TF
Bluefin tuna	Thunnus thynnus	BFT	TRUE
Albacore	Thunnus alalunga	ALB	FALSE
Swordfish	Xiphias gladius	SWO	
Shark		SHA	
Manta (mobula)	Mobula mobular	MOB	
Undentified Fish		UNF	
Sperm whale	Physeter catodon	SPE	
Fin whale	Balaenoptera physalus	FIN	
Minke whale	Balaenoptera acutorostrata	MIN	
Other whale	Mysticetus und.	WHA	
Common dolphin	Delphinus delphis	COD	
Striped dolphin	Stenella coeruleoalba	SDO	
Bottlenose dolphin	Tursiops truncatus	BOT	
Roughtoothed dolphin	Steno bredanensis	RDO	
Undentified dolphin	Delphinidae und.	UDO	
Killer whale - orca	Orcynus orca	KIL	
Risso's dolphin	Grampus griseus	RIS	
Pilot whale	Globicephala melas	PIL	
Cuvier's beaked whale	Ziphius cavirostris	CUV	
Undentified cetacean	Cetacea und.	UNM	
Monk seal	Monachus monachus	MOS	
Loggerhead turtle	Caretta caretta	CAR	
Leatherback turtle	Dermochelys coriacea	LEA	
Undentified Turtle		UNT	
Other		OTH	

Company	Spotters	Type-spotters	ID
Aerial Banners S.r.l.	Francesco Orrico	Pilot	7
Aerial Banners S.r.l.	Francesco Ruggiero	Pilot	8
Action Air Environment/S.A.S. Action Communication	Patrick Raymond Féron	Pilot	16
Grup Air Med S.A.	Carlos Dos Santos Silva	Professional spotter	21
Grup Air Med S.A.	Luis Navarro Martinez	Professional spotter	26
Unimar Soc. Coop.	Salvatore De Martino	Professional spotter	31
Action Air Environment/S.A.S. Action Communication	Silvère Fontanet	Professional spotter	32
Unimar Soc. Coop.	Vincenzo Severino	Professional spotter	34
Unimar Soc. Coop.	Adriano Mariani	Scientific observer	37
Unimar Soc. Coop.	Andrea Fusari	Scientific observer	38
Unimar Soc. Coop.	Andrea Poggi	Scientific observer	39
Grup Air Med S.A.	Jose Antonio Vazquez Bonales	Scientific observer	48
Action Air Environment/S.A.S. Action Communication	Rémi Michel Allard	Scientific observer	62
Unimar Soc. Coop.	Sergio Lombardo	Scientific observer	65
Unimar Soc. Coop.	Simone Serra	Scientific observer	66
Ministry of Food, Agriculture and Livestock	Cihan Toslak	National observer	68
Grup Air Med S.A.	Monica Perez Gil	Scientific observer	74
Unimar Soc. Coop.	Mario Piscino	Professional spotter	75
Aerial Banners S.r.l.	Daniele Mercurio	Pilot	76
Unimar Soc. Coop.	Sergio Bizzari	Scientific observer	77
Unimar Soc. Coop.	Antonio Bono	Scientific observer	78
Grup Air Med S.A.	Javier Marquez Villalba	Pilot	79

BLUEFIN TUNA SCHOOL COMPONENTS	code
individuals <25 kg	small
individuals 25 to 150 kg	medium
individuals 150 to 300 kg	large
individuals >300 kg	giant

Cue	Code
Splash	Fish(es) jumping clear off the water or splashing on a side SP
Ripples	Fish(es) swimming just below the surface, with the dorsal side moving the surface RI
Shining	Classical behaviour of spawners, when fishes come to the surface, swimming on a side for a few seconds, reflecting the sun light like mirrors SH
Travelling	Fishes going clearly in a certain direction TR
Underwater	Body seen under water surface UN
Surface	Body see at surface SU
Vessel/Gear	Vessel or gear detected just before animals VG
Blow (Cetaceans)	BL
Jump (Cetaceans)	JU
Slick, flukeprint	SL
Birds	BI
Cetaceans	CE
Fish	FI
Other	OT

SEA STATE (BEAUFORT SCALE)	code
calm	0
very light	1
light breeze	2
Start to appear some isolated whitecaps	2,5
gentle breeze	3
moderate breeze	4

HAZE SCALE	Code
no haze - clear	0
slight haze	1
moderate haze	2
diffused haze	3
heavy haze - foggy	4

TURBIDITY	explanation	code
clear water	animals visible at many m depth	0
moderately clear	animals visible under the surface	1
moderately turbid	animals visible just under the surface	2
turbid	full lack of transparency	3

GLARE intensity	explanation	code
no glare		0
slight glare	very little effects on observations	1
moderate glare	may affect by ability in the sector	2
strong glare	severely affect my sightings	3

GLARE Side	Code
Port	P
Starboard	S
Port/Starboard	PS

Clouds	Code
Clear Sky	0
	1
	2
	3
Parciaily Cloud	4
	5
	6
	7
Full Cloud Cover	8

LATITUDE or LOGITUDE (decimal degrees)	code
example 35°15.45	35,2625

Subarea	Code
Balearic Sea	A-I
Southern Tyrrhenian Sea	C-I
Central-Southern Mediterranean Sea	E-I
Levantine Sea	G-I

Abeam	Code
if the angle has been recorded abeam	Y
if the angle has not been recorded abeam	N

Event effort	Code
Start effort	ON
End effort	OFF
Leaving transect	LE
Flying over the land	LA
Rejoin transect	RE

Event sighting	Code
When animals first sighted	F
When animals abeam	A
When arriving at position of animals for circling	C

Leave	Code
Yes if you left the transect to get closer to animals	Y
No if you didn't leave the transect	N

Subjective search conditions	Code
Good	G
Moderate	M
Poor	P

Cetaceans	Code
if there were cetaceans associated with BFT	Y
if not	N

Birds	Code
if there were birds associated with BFT	Y
if not	N