



SHORT-TERM CONTRACT FOR THE DATA RECOVERY PLAN (ICCAT GBYP 02/2016) OF THE ATLANTIC-WIDE RESEARCH PROGRAMME ON BLUEFIN TUNA (ICCAT GBYP Phase 6)

FINAL REPORT

As part of the research programme on bluefin tuna (*Thunnus thynnus*), Data Recovery Plan ATLANTIC – WIDE RESEARCH PROGRAMME ON BLUEFIN TUNA (ICCAT - GBYP Phase 6 – 2016), the research company Necton has been given a contract for the collection of data concerning individual specimens of the studied species, fished in areas of the South Tyrrhenian sea, the Strait of Sicily and the Adriatic sea.

The data was collected by analysing the logbooks of 13 boats engaged in fishing for bluefin tuna with pelagic longlines. The data covers 14 years from 2002 to 2015, a total of 1257 fishing operations and 11041 individual tuna.

The collection and subsequent analysis of the contents of the logbooks was made possible thanks to excellent relationships that Necton has cultivated over the years with the men of all the Sicilian fishing fleets. The collection of logbooks allows us to gather a large amount of data of enormous scientific value, which would otherwise have been lost.

Among the boats included in the research, it appears that six of them are actively engaged in the southern Tyrrhenian Sea, four in the Strait of Sicily, three in the Adriatic Sea in the winter and spring months, and of these, two also fishing in the Strait of Sicily at other times, as shown in Table 1. This table shows the boat's name, home port, fishing areas and landing ports. The characteristics (name, overall length and GT), of vessels included in this study are shown in Table 2.

Finally, Table 3 shows the data concerning the years studied, the fishing areas, the total number of fishing operations, the number of individual fish caught and their total weight. Naturally, the tables display the data in schematic form, both for readability and brevity.

The data collected and individually examined, in terms of individual fish, fishing days, areas, dates, position, landings, etc... has already been collected and sent in accordance with ICCAT required procedures.

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Name of vessel	Port of belonging	Fishing Ground	Port of landing
CALYPSO	Catania	South Tyrrhenian sea	Milazzo, Is. Vulcano
S. GIUSEPPE	Lipari	South Tyrrhenian sea	Is. Lipari, Is. Salina
S. MARIA	Porticello S. Flavia	South Tyrrhenian sea	Is. Lipari, Is. Salina
FRANCESCA	Porticello S. Flavia	South Tyrrhenian sea	Porticello S. Flavia
ANNA MARIA	Porticello S. Flavia	South Tyrrhenian sea	Porticello S. Flavia
MARIA M.	Porticello S. Flavia	South Tyrrhenian sea	Porticello S. Flavia
SAMANTHA	Porto Empedocle	Strait of Sicily	Is.Lampedusa,Siracusa,Porto Empedocle,Is.Pantelleria,Gela, Licata
PATRIZIA	Porto Empedocle	Strait of Sicily	Is.Lampedusa
FLAVIA	Porto Empedocle	Strait of Sicily	Is.Lampedusa
S. FRANCESCO	Trapani	Strait of Sicily	Is.Lampedusa
SPARVIERO	Palermo	Adriatic sea	Giulianova,Civitanova Marche
DELIA ASSUNTA	Marsala	Adriatic sea – Strait of Sicily	Giulianova,Civitanova Marche, Marsala
ANNA II	Marsala	Adriatic sea	Giulianova,Civitanova Marche, Marsala

Tab. 1

Name of vessel	Length (LFT)	GT
CALYPSO	13,89	13
S. GIUSEPPE	12,72	14
S. MARIA	12,25	6
FRANCESCA	11,13	7
ANNA MARIA	11,37	5
MARIA M.	13,70	8
SAMANTHA	21,05	43
PATRIZIA	10,42	4
FLAVIA	10,50	4
S. FRANCESCO	11,41	8
SPARVIERO	19,70	53
DELIA ASSUNTA	19,90	67
ANNA II	22,38	59,92

Tab. 2

YEAR	FISHING GROUND	N° FISHING OPERATIONS	N° BFT	WEIGHT Kg
2002	Strait of Sicily	88	159	6081
	Tyrrhenian sea	76	550	43184,5
	Adriatic sea	14	75	3789,5
2003	Strait of Sicily	21	97	4939
	Tyrrhenian sea	60	730	37114,5
	Adriatic sea	28	120	6522,5
2004	Strait of Sicily	29	162	6730
	Tyrrhenian sea	70	630	29912,5
	Adriatic sea	11	79	5941

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2005	Strait of Sicily	26	142	7378,5
	Tyrrhenian sea	60	573	32621
	Adriatic sea	24	183	9777
2006	Strait of Sicily	20	156	9056
	Tyrrhenian sea	33	376	17276,5
	Adriatic sea	22	145	7525,5
2007	Strait of Sicily	23	178	10219
	Tyrrhenian sea	27	368	21532
	Adriatic sea	18	202	9193,9
2008	Strait of Sicily	17	180	7767
	Tyrrhenian sea	35	407	19626,5
	Adriatic sea	18	163	6918,5
2009	Strait of Sicily	18	126	7216
	Tyrrhenian sea	39	456	18391,5
	Adriatic sea	14	95	4650,5
2010	Strait of Sicily	24	183	9372,5
	Tyrrhenian sea	30	386	15784
	Adriatic sea	12	107	3846,5
2011	Strait of Sicily	23	177	6749,5
	Tyrrhenian sea	47	485	22236
	Adriatic sea	15	127	6150,5
2012	Strait of Sicily	29	263	11123,5
	Tyrrhenian sea	38	460	23740,5
	Adriatic sea	18	139	6425,5
2013	Strait of Sicily	24	196	8881
	Tyrrhenian sea	33	398	20922
	Adriatic sea	21	175	7392,5
2014	Strait of Sicily	20	208	9357
	Tyrrhenian sea	31	365	17466
	Adriatic sea	21	202	8688,5
2015	Strait of Sicily	19	190	8054
	Tyrrhenian sea	44	488	23457
	Adriatic sea	17	140	5688,5
N° YEARS	N° FISHING GROUNDS	N° TOT FISHING OPERATIONS	N° TOT BFT	
14	3	1257	11041	

Tab. 3