

PESCARIAS DESENVOLVIDAS
(LINK WITH FISHERIES)

ANNEX II

DESCRIPTION OF FISHING				
GEAR	REGION	MAIN SPECIES CAUGHT	AREA OF OPERATION	VESSELS
DFN - Gillnets and Trammel Nets	MFL	Hake, pout, bream, auxiliary sea bream, mullet, cuttlefish, sole, anglerfish, skate and crustaceans.	CECAF, Portuguese EEZ - Sub area Mainland, Inland Non-Maritime Waters	The vessels in this segment belong to the local and coastal fleet, mostly in the VL0010 length class. With respect to the active fleet, it represents 16.91% (No of vessels), 7.86% (GT) and 12.62% (kW).
	ARA	Parrotfish, Grey Mullet, Arrowhead Dogfish and Sawfish	Between the coast and a quarter mile from the coast of each island	The vessels in this segment belong to the local fleet, exclusively in the VL0010 length class. The number of vessels represent around 6.15% of the active fleet. With respect to capacity, they represent around 0.82% of GT and 2.82% of propulsion power.
DRB - Dredges	MFL	Surf clams, donax clams, striped venus, smooth macra and sand lance (ocean). Cockles, carpet shell and Japanese clams (Inland Non-Maritime Waters).	Portuguese EEZ - Sub area Mainland, Inland Non-Maritime Waters	The vessels in this segment belong to the local and coastal fleet, mostly in the VL0010 length class. With respect to the active fleet, it represents 2.37% (No of vessels), 0.85% (GT) and 2.1% (kW).
DTS - Trawlers	MFL	Deepwater rose shrimps, crayfish, blue-and-red shrimp, whiting, anglerfish, hake	NAFO, NEAFC, Norwegian Waters / Svalbard, CECAF, Spanish EEX - Atlantic, off the Iberian Peninsula, between 12 and 200 Miles, Portuguese EEZ - Sub area Mainland	The vessels in this segment belong to the local, coastal and off coast fleet, mostly in the VL2440 length class. With respect to the active fleet, it represents 2.95% (No of vessels), 52.81% (GT) and 25.62% (kW).
FPO - Traps	MFL	Octopus, cuttlefish, conger, bream, crustaceans	NEAFC, CECAF, Mediterranean, Portuguese EEZ - Sub area Mainland and Inland Non-Maritime Waters	The vessels in this segment belong to the local and coastal fleet, mostly in the VL0010 length class. With respect to the active fleet, it represents 14.1% (No of vessels), 4.42% (GT) and 10.58% (kW).
HOK - Lines and Hooks	MFL	Swordfish, sea bass, conger, red seabream, pargo breams, swordfish, tuna, different sharks	NEAFC, CECAF, CIEM IX, CIEM X, IATTC - Pacific, ICCAT - Atlantic (north of 5° N), ICCAT - Atlantic (south of 5° N), ICCAT - Mediterranean, ICCAT - Mediterranean, south east Pacific Ocean, Portuguese EEZ - Sub area Azores, Portuguese EEZ - Sub area Madeira, Inland Non-Maritime Waters	The vessels in this segment belong to the local, coastal and off coast fleet, mostly in the VL0010 length class. With respect to the active fleet, it represents 6.58% (No of vessels), 18.53% (GT) and 12.08% (kW).
	ARA	Tunas, red seabream, conger, silver scabbardfish, greater forkbeard, black scabbardfish, blackbelly rosefish, wreckfish, alfoncins	Azores Sub-area of the Portuguese EEZ	The vessels in this segment belong to the local and coastal fleet, mostly in the VL0010 length class. The number of vessels represent around 85.47% of the active fleet. With respect to capacity, they represent around 95.67% of GT and 90.07% of propulsion power.
	ARM	The most representative species are tunas, black scabbardfish and several species of demersals, with pargo breams and greater forkbeards being of note.	They operate mostly in Sub-area 2 of the Madeira-EEZ. Some vessels operate in certain seasons in the waters of the Azores and Canary Islands.	The vessels in this segment belong to the local and coastal fleet. In terms of the total number of vessels using HOK gear, this segment represents around 90.91% of the licensed fleet. With respect to capacity, they represent around 92% of GT and 89.9% of propulsion power of the active fleet in 2017.
MGO - Beach nets	MFL	Common mackerel, horse mackerel, sardines, squid, anchovy	Portuguese EEZ - Sub area Mainland, Inland Non-Maritime Waters	The vessels in this segment belong to the local and coastal fleet. With respect to the active fleet, it represents 1.34% (No of vessels), 0.24% (GT) and 0.72% (kW).
PS - Purse Seine	MFL	Sardines, common mackerel, horse mackerel, anchovy, two-banded seabream	Portuguese EEZ - Sub area Mainland	The vessels in this segment belong to the local and coastal fleet, mostly in the VL1824 length class. With respect to the active fleet, it represents 5.04% (No of vessels), 9.26% (GT) and 13.87% (kW).
	ARA	Horse mackerel, common mackerel and sardines	Azores Sub-area of the Portuguese EEZ	The vessels in this segment belong mostly to the VL1012 length class. The number of vessels represent around 5.64% of the active fleet. With respect to capacity, they represent around 2.42% of GT and 4.29% of propulsion power.
TBB - Beam trawl	MFL	Swimming crab, common shrimp, sole, skate, black shrimp	Portuguese EEZ - Sub area Mainland, Inland Non-Maritime Waters	The vessels in this segment belong to the local and coastal fleet. With respect to the active fleet, it represents 1.41% (No of vessels), 0.29% (GT) and 0.79% (kW).
MGP, PGP and PMP - Polyvalent Vessels	MFL	Considering that this refers to multi-purpose vessels which use different types of gear, it is not possible to identify the main species caught, as they relate directly to the gear used.	Portuguese EEZ - Sub area Mainland, Portuguese EEZ - Sub Area Madeira	The vessels in this segment belong to the local and coastal fleet, mostly in the VL0010 length class. With respect to the active fleet, it represents 49.31% (No of vessels), 5.73% (GT) and 21.61% (kW).
	ARA	Demersals, Crustaceans and cephalopods	Azores Sub-area of the Portuguese EEZ	The vessels in this segment belong exclusively to the VL10010 length class. The number of vessels represent around 2.73% of the active fleet. With respect to capacity, they represent around 1.9% of GT and 2.81% of propulsion power.
	ARM	The species most caught are small pelagics (common mackerel and horse mackerel) followed by molluscs (limpets).	Molluscs are caught next to the coast (local fishing) and up to one mile from the coast (coastal fishing) for catching small pelagics.	The vessels in this segment belong to the local and coastal fleet. In terms of the total number of vessels using MGP gear, this segment represents around 9.1% of the licensed fleet. With respect to capacity, they represent around 26.45% of GT and 10.15% of propulsion power of the active fleet in 2017.

EMBARCAÇÕES REGISTADAS NA FROTA DE PESCA PORTUGUESA EM 31/12/2017
(PORTUGUESE FISHING FLEET REGISTERED IN 31/12/2017)

ANNEX III

		Number of vessels				Gross Tonnage GT				Propulsion Power kW			
		MFL	ARA	ARM	Total	MFL	ARA	ARM	Total	MFL	ARA	ARM	Total
Licensed fleet	DFN	512	36	0	548	4.860	56	0	4.916	27.484	1.173	0	28.657
	DRB	72	0	0	72	504	0	0	504	4.437	0	0	4.437
	DTS	88	0	0	88	31.173	0	0	31.173	53.971	0	0	53.971
	FPO	434	0	0	434	2.571	0	0	2.571	22.754	0	0	22.754
	HOK	201	497	79	777	12.588	6.522	1.646	20.755	27.989	37.282	8.286	73.557
	MGO	42	0	0	42	150	0	0	150	1.594	0	0	1.594
	MGP	0	0	8	8	0	0	146	146	0	0	958	958
	PGP	1.479	16	0	1.495	3.429	74	0	3.503	45.562	1.169	0	46.731
	PMP	36	0	0	36	97	0	0	97	1.431	0	0	1.431
	PS	157	33	0	190	5.751	166	0	5.917	30.579	1.785	0	32.364
	TBB	44	0	0	44	179	0	0	179	1.731	0	0	1.731
	INACTIVE	221	0	4	225	1.053	0	253	1.306	6.137	0	795	6.932
Total	3.286	582	91	3.959	62.356	6.817	2.045	71.218	223.669	41.409	10.038	275.116	
Unlicensed fleet	3.451	172	340	3.963	12.819	1.776	1.939	16.534	53.874	10.155	6.519	70.548	
Total	6.737	754	431	7.922	75.175	8.593	3.983	87.752	277.543	51.564	16.558	345.665	

EVOLUÇÃO DA FROTA DE PESCA ATIVA PORTUGUESA
(EVOLUTION OF PORTUGUESE ACTIVE FISHING FLEET)

ANNEX IV

		Number of vessels					Gross Tonnage GT					Propulsion Power kW					
		2013	2014	2015	2016	2017	2013	2014	2015	2016	2017	2013	2014	2015	2016	2017	
Mainland - MFL	VL0010	DFN	307	408	232	423	399	505	549	393	569	559	7.718	8.677	6.067	9.134	8.895
		DRB	41	44	44	43	36	125	136	137	135	107	1.810	1.963	1.962	1.912	1.523
		DTS	5	5	5	5	5	51	51	51	51	51	285	285	285	285	285
		FPO	158	163	161	171	333	456	456	471	487	883	6.097	6.302	6.403	6.885	13.416
		HOK	161	146	146	132	129	153	137	135	126	122	3.148	2.877	2.830	2.767	2.814
		MGO	32	31	29	33	33	81	82	87	100	96	1.111	1.095	1.065	1.262	1.196
		PGP	1.849	1.701	1.840	1.611	1.463	3.251	3.227	3.331	3.123	2.754	48.734	47.670	49.672	47.020	41.876
		PMP	60	45	47	47	37	127	97	93	104	99	2.194	1.594	1.620	1.741	1.475
		PS	24	24	23	24	18	105	109	114	120	83	1.006	1.060	1.130	1.123	873
		TBB	44	52	43	36	34	99	118	108	82	91	1.599	1.857	1.607	1.244	1.198
	Total	2.681	2.619	2.570	2.525	2.487	4.952	4.964	4.920	4.899	4.844	73.703	73.379	72.640	73.372	73.551	
	VL1012	DFN	27	25	22	21	20	241	228	204	197	206	1.882	1.758	1.571	1.522	1.638
		DRB	22	24	23	24	24	179	197	192	198	204	1.558	1.696	1.592	1.666	1.737
		DTS	0	0	0	3	3	0	0	0	57	57	0	0	0	705	705
		FPO	50	52	54	54	52	443	456	474	471	455	3.489	3.755	3.851	3.811	3.540
		HOK	12	12	10	5	6	96	96	85	45	55	914	927	813	361	493
		MGO	5	5	6	8	9	29	29	35	47	54	221	221	266	354	398
		PGP	13	10	11	15	14	115	95	99	138	112	1.022	784	812	1.305	976
		PS	27	28	30	30	30	247	254	266	266	266	2.105	2.157	2.275	2.268	2.241
		TBB	8	10	7	10	9	73	87	61	88	76	443	523	396	511	461
		Total	164	166	163	170	167	1.423	1.442	1.416	1.507	1.485	11.634	11.822	11.576	12.503	12.188
	VL1218	DFN	66	63	84	51	77	1.503	1.402	2.039	1.123	1.935	7.771	7.235	10.696	6.017	10.194
		DRB	15	15	13	13	14	212	222	192	193	218	1.381	1.366	1.246	1.222	1.332
		DTS	8	9	10	7	8	274	293	330	267	292	1.405	1.640	1.865	1.224	1.395
FPO		58	57	45	61	50	1.283	1.158	766	1.366	925	7.224	6.762	4.637	7.431	5.183	
HOK		21	23	22	21	20	544	565	566	564	536	3.004	3.172	3.055	2.941	2.650	
PGP		34	37	27	35	19	795	976	686	870	439	4.454	5.186	3.702	4.765	2.525	
PS		38	34	36	37	36	757	694	718	744	725	5.199	4.827	5.022	4.965	4.833	
TBB		0	0	0	1	1	0	0	0	12	12	0	0	0	72	72	
Total		240	238	237	226	225	5.367	5.309	5.297	5.140	5.082	30.440	30.188	30.223	28.637	28.183	
VL1824		DFN	26	27	28	25	31	1.772	1.807	1.921	1.763	2.183	6.217	6.438	6.649	5.824	7.095
	DTS	7	7	7	7	8	839	839	839	839	878	2.372	2.372	2.372	2.372	2.468	
	FPO	7	7	7	7	1	501	501	501	414	89	1.666	1.666	1.666	1.723	268	
	HOK	24	21	20	19	17	2.088	1.896	1.717	1.618	1.464	6.001	5.372	5.006	4.652	4.146	
	PGP	0	0	0	3	3	0	0	0	250	156	0	0	0	637	750	
	Total	115	113	113	113	113	8.055	7.899	7.863	7.822	7.755	30.751	30.377	30.363	30.125	30.016	
VL2440	DTS	67	67	59	59	57	14.650	14.751	12.495	12.536	12.085	36.417	36.326	30.603	30.608	29.360	
	FPO	2	2	2	2	2	391	391	391	391	391	915	915	915	915	915	
	HOK	32	29	25	28	28	7.260	6.510	5.793	6.394	6.394	14.348	12.765	11.099	12.345	12.345	
	Total	119	116	105	109	107	23.790	23.142	20.262	21.014	20.562	57.942	56.267	49.198	51.164	49.963	
VL40XX	DTS	12	12	10	11	11	23.099	23.099	18.656	19.692	19.431	25.069	25.069	20.394	22.273	22.236	
	HOK	5	5	4	5	5	2.910	2.910	2.412	2.938	2.938	4.169	4.169	3.281	4.181	4.181	
	Total	17	17	14	16	16	26.009	26.009	21.068	22.630	22.369	29.237	29.237	23.674	26.453	26.417	
The Azores - ARA	VL0010	DFN	38	43	42	35	36	56	63	63	54	56	1.185	1.326	1.282	1.141	1.173
		HOK	368	358	351	346	360	1.023	1.012	999	934	985	15.813	15.502	15.094	14.590	15.194
		PGP	13	10	10	12	12	25	32	32	43	43	436	501	501	643	643
		Total	443	436	428	413	428	1.149	1.151	1.138	1.067	1.119	18.353	18.295	17.844	17.132	17.767
	VL1012	HOK	74	73	69	69	69	752	751	712	735	726	6.385	6.310	5.951	5.806	5.918
		PGP	2	0	0	2	2	13	0	0	13	13	334	0	0	307	307
		Total	84	86	82	78	80	851	882	843	821	832	7.286	7.338	6.979	6.628	6.885
	VL1218	HOK	41	41	40	40	43	818	812	814	865	910	5.102	5.099	5.058	5.078	5.411
		PGP	0	0	0	2	2	0	0	0	18	18	0	0	0	219	219
		Total	46	41	40	46	49	865	812	814	921	965	5.580	5.099	5.058	5.664	5.997

EVOLUÇÃO DA FROTA DE PESCA ATIVA PORTUGUESA
(EVOLUTION OF PORTUGUESE ACTIVE FISHING FLEET)

ANNEX IV

VL1824	HOK	3	1	2	5	5	252	112	199	451	451	740	268	458	1.198	1.198
	Total	3	1	2	5	5	252	112	199	451	451	740	268	458	1.198	1.198
VL2440	HOK	23	26	26	24	23	3.468	3.720	3.720	3.701	3.468	9.744	10.484	10.484	10.191	9.750
	Total	23	26	26	24	23	3.468	3.720	3.720	3.701	3.468	9.744	10.484	10.484	10.191	9.750
VL0010	FPO	3	2	0	0	0	4	3	0	0	0	55	40	0	0	0
	HOK	46	44	49	50	48	106	114	151	135	130	1.194	1.308	1.632	1.563	1.511
	MGP	6	5	11	7	5	19	10	39	16	10	291	174	546	256	174
	Total	55	51	60	57	53	129	127	190	152	140	1.540	1.521	2.178	1.819	1.684
VL1012	HOK	4	5	0	5	5	40	53	0	53	53	389	531	0	531	531
	MGP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Total	4	5	0	5	5	40	53	0	53	53	389	531	0	531	531
VL1218	HOK	18	18	19	17	18	417	417	483	398	413	2.844	2.844	3.097	2.744	2.786
	MGP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Total	18	18	19	17	18	417	417	483	398	413	2.844	2.844	3.097	2.744	2.786
VL1824	HOK	3	3	0	3	3	189	189	0	189	189	771	774	0	774	785
	MGP	3	3	3	3	3	136	136	136	136	136	777	777	777	777	777
	Total	6	6	3	6	6	325	325	136	325	325	1.548	1.552	777	1.552	1.562
VL2440	HOK	6	6	9	8	6	1.142	1.142	1.390	1.385	882	3.310	3.310	4.278	4.205	2.807
	Total	6	6	9	8	6	1.142	1.142	1.390	1.385	882	3.310	3.310	4.278	4.205	2.807
VL0010	DFN	345	451	274	458	435	561	612	456	623	615	8.903	10.003	7.349	10.275	10.068
	DRB	41	44	44	43	36	125	136	137	135	107	1.810	1.963	1.962	1.912	1.523
	DTS	5	5	5	5	5	51	51	51	51	51	285	285	285	285	285
	FPO	161	165	161	171	333	460	459	471	487	883	6.152	6.342	6.403	6.885	13.416
	HOK	575	548	546	528	537	1.282	1.263	1.284	1.196	1.237	20.155	19.687	19.556	18.920	19.518
	MGO	32	31	29	33	33	81	82	87	100	96	1.111	1.095	1.065	1.262	1.196
	MGP	6	5	11	7	5	19	10	39	16	10	291	174	546	256	174
	PGP	1.862	1.711	1.850	1.623	1.475	3.276	3.259	3.363	3.166	2.796	49.170	48.171	50.173	47.663	42.519
	PMP	60	45	47	47	37	127	97	93	104	99	2.194	1.594	1.620	1.741	1.475
	PS	48	49	48	44	38	150	153	158	156	118	1.926	2.027	2.096	1.880	1.630
	TBB	44	52	43	36	34	99	118	108	82	91	1.599	1.857	1.607	1.244	1.198
	Total	3.179	3.106	3.058	2.995	2.968	6.231	6.242	6.248	6.117	6.103	93.596	93.196	92.661	92.323	93.002
	VL1012	DFN	27	25	22	21	20	241	228	204	197	206	1.882	1.758	1.571	1.522
DRB		22	24	23	24	24	179	197	192	198	204	1.558	1.696	1.592	1.666	1.737
DTS		0	0	0	3	3	0	0	0	57	57	0	0	0	705	705
FPO		50	52	54	54	52	443	456	474	471	455	3.489	3.755	3.851	3.811	3.540
HOK		90	90	79	79	80	888	900	797	833	834	7.687	7.768	6.764	6.698	6.941
MGO		5	5	6	8	9	29	29	35	47	54	221	221	266	354	398
MGP		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PGP		15	10	11	17	16	128	95	99	151	125	1.356	784	812	1.612	1.283
PS		35	41	43	37	39	332	385	396	339	359	2.673	3.185	3.303	2.783	2.902
TBB		8	10	7	10	9	73	87	61	88	76	443	523	396	511	461
Total		252	257	245	253	252	2.313	2.377	2.259	2.381	2.370	19.309	19.690	18.555	19.662	19.604
VL1218	DFN	66	63	84	51	77	1.503	1.402	2.039	1.123	1.935	7.771	7.235	10.696	6.017	10.194
	DRB	15	15	13	13	14	212	222	192	193	218	1.381	1.366	1.246	1.222	1.332
	DTS	8	9	10	7	8	274	293	330	267	292	1.405	1.640	1.865	1.224	1.395
	FPO	58	57	45	61	50	1.283	1.158	766	1.366	925	7.224	6.762	4.637	7.431	5.183
	HOK	80	82	81	78	81	1.779	1.794	1.863	1.828	1.859	10.950	11.115	11.211	10.763	10.847
	MGP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	PGP	34	37	27	37	21	795	976	686	888	457	4.454	5.186	3.702	4.984	2.744
	PS	43	34	36	41	40	803	694	718	782	762	5.676	4.827	5.022	5.332	5.200
	TBB	0	0	0	1	1	0	0	0	12	12	0	0	0	72	72
Total	304	297	296	289	292	6.648	6.538	6.593	6.459	6.460	38.863	38.131	38.379	37.044	36.967	
VL1824	DFN	26	27	28	25	31	1.772	1.807	1.921	1.763	2.183	6.217	6.438	6.649	5.824	7.095
	DTS	7	7	7	7	8	839	839	839	839	878	2.372	2.372	2.372	2.372	2.468
	FPO	7	7	7	7	1	501	501	501	414	89	1.666	1.666	1.666	1.723	268
	HOK	30	25	22	27	25	2.529	2.197	1.915	2.258	2.104	7.511	6.414	5.464	6.625	6.130
	MGP	3	3	3	3	3	136	136	136	136	136	777	777	777	777	777
	PGP	0	0	0	3	3	0	0	0	250	156	0	0	0	637	750
	PS	51	51	51	52	53	2.856	2.856	2.886	2.937	2.985	14.494	14.529	14.670	14.916	15.289
Total	124	120	118	124	124	8.632	8.336	8.198	8.597	8.530	33.039	32.197	31.599	32.875	32.777	

EVOLUÇÃO DA FROTA DE PESCA ATIVA PORTUGUESA
(EVOLUTION OF PORTUGUESE ACTIVE FISHING FLEET)

ANNEX IV

VL2440	DTS	67	67	59	59	57	14.650	14.751	12.495	12.536	12.085	36.417	36.326	30.603	30.608	29.360
	FPO	2	2	2	2	2	391	391	391	391	391	915	915	915	915	915
	HOK	61	61	60	60	57	11.870	11.372	10.903	11.479	10.744	27.402	26.559	25.861	26.741	24.903
	PS	18	18	19	20	20	1.489	1.490	1.583	1.693	1.693	6.261	6.261	6.581	7.296	7.343
	Total	148	148	140	141	136	28.400	28.004	25.372	26.099	24.912	70.995	70.061	63.960	65.560	62.521
VL40XX	DTS	12	12	10	11	11	23.099	23.099	18.656	19.692	19.431	25.069	25.069	20.394	22.273	22.236
	HOK	5	5	4	5	5	2.910	2.910	2.412	2.938	2.938	4.169	4.169	3.281	4.181	4.181
	Total	17	17	14	16	16	26.009	26.009	21.068	22.630	22.369	29.237	29.237	23.674	26.453	26.417
Overall Total		4.024	3.945	3.671	3.818	3.788	78.234	77.505	69.738	72.283	70.744	285.038	282.513	268.829	273.917	271.288

RESUMO DA FROTA DE PESCA ATIVA PORTUGUESA
(SUMMARY OF THE EVOLUTION OF PORTUGUESE ACTIVE FISHING FLEET)

Annex IV-a

		Number of vessels					Gross Tonnage GT					Propulsion Power kW				
		2013	2014	2015	2016	2017	2013	2014	2015	2016	2017	2013	2014	2015	2016	2017
Mainland - MFL	DFN	426	523	366	520	527	4.020	3.987	4.557	3.653	4.883	23.589	24.108	24.982	22.496	27.821
	DRB	78	83	80	80	74	515	556	521	527	529	4.749	5.024	4.799	4.799	4.591
	DTS	99	100	91	92	92	38.912	39.032	32.370	33.443	32.793	65.548	65.691	55.519	57.466	56.449
	FPO	275	281	269	295	438	3.074	2.961	2.603	3.129	2.743	19.391	19.400	17.473	20.765	23.323
	HOK	255	236	227	210	205	13.050	12.114	10.708	11.685	11.509	31.584	29.283	26.083	27.247	26.629
	MGO	37	36	35	41	42	109	111	122	147	150	1.332	1.316	1.330	1.616	1.594
	PGP	1.896	1.748	1.878	1.664	1.499	4.161	4.298	4.116	4.381	3.460	54.210	53.639	54.186	53.727	46.127
	PMP	60	45	47	47	37	127	97	93	104	99	2.194	1.594	1.620	1.741	1.475
	PS	158	155	159	163	157	5.455	5.402	5.567	5.760	5.751	29.065	28.835	29.678	30.568	30.579
	TBB	52	62	50	47	44	172	205	170	182	179	2.043	2.380	2.004	1.827	1.731
	Total	3.336	3.269	3.202	3.159	3.115	69.596	68.764	60.827	63.011	62.097	233.705	231.271	217.675	222.254	220.319
The Azores - ARA	DFN	38	43	42	35	36	56	63	63	54	56	1.185	1.326	1.282	1.141	1.173
	HOK	509	499	488	484	500	6.314	6.408	6.444	6.686	6.539	37.783	37.663	37.046	36.864	37.472
	PGP	15	10	10	16	16	38	32	32	74	74	770	501	501	1.169	1.169
	PS	37	38	38	31	33	176	174	174	146	166	1.966	1.994	1.994	1.640	1.785
	Total	599	590	578	566	585	6.585	6.677	6.713	6.960	6.835	41.703	41.485	40.824	40.814	41.599
Madeira ARM	FPO	3	2				4	3				55	40			
	HOK	77	76	77	83	80	1.894	1.915	2.023	2.160	1.667	8.507	8.766	9.007	9.817	8.420
	MGP	9	8	14	10	8	155	146	175	152	146	1.068	951	1.323	1.033	951
	Total	89	86	91	93	88	2.053	2.065	2.198	2.313	1.812	9.630	9.757	10.331	10.850	9.371
Total	DFN	464	566	408	555	563	4.076	4.050	4.619	3.707	4.938	24.773	25.434	26.265	23.637	28.994
	DRB	78	83	80	80	74	515	556	521	527	529	4.749	5.024	4.799	4.799	4.591
	DTS	99	100	91	92	92	38.912	39.032	32.370	33.443	32.793	65.548	65.691	55.519	57.466	56.449
	FPO	278	283	269	295	438	3.078	2.965	2.603	3.129	2.743	19.446	19.440	17.473	20.765	23.323
	HOK	841	811	792	777	785	21.259	20.437	19.174	20.531	19.715	77.875	75.712	72.137	73.928	72.520
	MGO	37	36	35	41	42	109	111	122	147	150	1.332	1.316	1.330	1.616	1.594
	MGP	9	8	14	10	8	155	146	175	152	146	1.068	951	1.323	1.033	951
	PGP	1.911	1.758	1.888	1.680	1.515	4.199	4.330	4.149	4.455	3.534	54.980	54.140	54.687	54.896	47.296
	PMP	60	45	47	47	37	127	97	93	104	99	2.194	1.594	1.620	1.741	1.475
	PS	195	193	197	194	190	5.631	5.576	5.741	5.906	5.917	31.031	30.829	31.672	32.208	32.364
	TBB	52	62	50	47	44	172	205	170	182	179	2.043	2.380	2.004	1.827	1.731
	Total	4.024	3.945	3.871	3.818	3.788	78.234	77.505	69.738	72.283	70.744	285.038	282.513	268.829	273.917	271.288

INDICADOR DA FROTA INATIVA
(INACTIVE FLEET INDICATOR)

ANNEX V

		Number of vessels					Gross Tonnage GT					Propulsion Power kW				
		2013	2014	2015	2016	2017	2013	2014	2015	2016	2017	2013	2014	2015	2016	2017
Mallard - MFL	VL0010	3,588	3,601	3,610	3,564	3,539	3,155	3,159	3,198	3,206	3,206	29,890	30,022	30,601	30,585	30,858
	VL1012	49	46	49	43	45	375	353	379	330	345	2,815	2,573	2,822	2,453	2,713
	VL1218	75	75	74	79	76	1,418	1,427	1,393	1,455	1,451	7,792	7,925	7,775	8,152	7,879
	VL1824	28	29	27	27	26	1,573	1,699	1,480	1,528	1,346	6,520	6,843	6,405	6,355	5,986
	VL2440	24	28	35	24	18	5,184	6,134	7,960	5,336	4,344	11,708	13,703	18,849	12,811	10,080
	VL40XX	7	7	10	6	4	6,516	6,516	12,580	7,392	5,912	8,390	8,390	15,490	8,797	6,863
	Total	3,771	3,786	3,805	3,743	3,708	18,222	19,287	26,990	19,247	16,603	67,115	69,457	81,943	69,152	64,379
The Azores - ARA	VL0010	111	117	122	129	115	169	187	211	260	216	2,953	3,189	3,615	4,077	3,501
	VL1012	13	16	18	18	16	112	126	151	144	129	1,177	1,510	1,730	1,714	1,458
	VL1218	33	33	35	36	33	585	592	600	600	572	2,825	2,894	3,042	3,121	2,788
	VL1824	5	4	4	4	4	278	166	166	166	166	908	640	640	640	640
	VL2440	5	5	5	4	5	678	678	678	445	678	1,673	1,673	1,673	1,232	1,673
	VL40XX															
	Total	167	175	184	191	173	1,821	1,749	1,806	1,615	1,762	9,536	9,905	10,699	10,783	10,060
Madeira ARM	VL0010	329	331	326	329	327	256	258	248	250	256	1,410	1,482	1,316	1,415	1,443
	VL1012	4	3	3	2	2	39	26	26	20	20	350	208	208	146	146
	VL1218	5	5	5	7	5	215	215	215	255	229	622	622	622	867	737
	VL1824	6	6	6	6	6	288	288	288	288	288	1,354	1,354	1,354	1,354	1,354
	VL2440	5	5	5	4	6	1,056	1,056	1,016	897	1,400	2,534	2,534	2,688	2,240	3,638
	Total	349	350	345	348	346	1,855	1,844	1,793	1,711	2,194	6,270	6,200	6,187	6,023	7,318
Total	VL0010	4,028	4,049	4,058	4,022	3,981	3,580	3,604	3,657	3,715	3,678	34,253	34,692	35,532	36,076	35,801
	VL1012	66	65	70	63	63	526	505	556	494	495	4,342	4,291	4,760	4,313	4,317
	VL1218	113	113	114	122	114	2,217	2,234	2,208	2,310	2,252	11,238	11,441	11,438	12,140	11,404
	VL1824	39	39	37	37	36	2,140	2,154	1,935	1,982	1,800	8,782	8,837	8,399	8,349	7,980
	VL2440	34	38	45	32	29	6,919	7,868	9,654	6,678	6,422	15,916	17,911	23,210	16,283	15,391
	VL40XX	7	7	10	6	4	6,516	6,516	12,580	7,392	5,912	8,390	8,390	15,490	8,797	6,863
	Total	4,287	4,311	4,334	4,282	4,227	21,898	22,879	30,589	22,573	20,559	82,921	85,562	98,829	85,959	81,757

FLEET SEGMENT UTILISATION RATIO
Average Days at Sea / Maximum Days at Sea

ANNEX VI

			2013			2014			2015			2016			2017		
			Med	Max	Ind	Med	Max	Ind	Med	Max	Ind	Med	Max	Ind	Med	Max	Ind
Area27	DFN	VL0010	54	186	0,29	39	166	0,23	51	165	0,31	38	163	0,23	41	170	0,24
		VL1012	137	176	0,78	125	169	0,74	140	172	0,81	122	166	0,73	125	206	0,61
		VL1218	169	243	0,70	172	252	0,68	183	265	0,69	167	236	0,71	188	260	0,72
		VL1824	224	254	0,88	212	246	0,86	233	267	0,87	248	277	0,90	221	259	0,85
	DRB	VL0010	99	170	0,58	100	165	0,60	101	168	0,60	87	141	0,61	71	117	0,61
		VL1012	92	148	0,62	88	132	0,67	121	175	0,69	129	174	0,74	114	166	0,69
		VL1218	102	183	0,56	103	160	0,64	108	169	0,64	109	147	0,74	113	171	0,66
	DTS	VL0010	174	223	0,78	187	223	0,84	225	272	0,83	228	277	0,82	218	277	0,79
		VL1012										236	261	0,90	276	286	0,97
		VL1218	175	235	0,74	203	277	0,73	209	283	0,74	207	282	0,73	203	287	0,71
		VL1824	228	365	0,62	236	365	0,65	231	365	0,63	244	366	0,67	263	365	0,72
		VL2440	225	286	0,79	211	268	0,79	233	284	0,82	243	293	0,83	243	292	0,83
	FPO	VL0010	82	181	0,45	78	181	0,43	76	177	0,43	81	171	0,47	72	179	0,40
		VL1012	127	185	0,69	135	192	0,70	135	190	0,71	122	196	0,62	105	177	0,59
		VL1218	155	217	0,72	149	206	0,72	129	196	0,66	167	250	0,67	142	226	0,63
		VL1824	199	230	0,87	209	230	0,91	208	222	0,94	218	251	0,87			
	HOK	VL0010	63	145	0,43	65	152	0,43	65	155	0,42	69	166	0,42	67	163	0,41
		VL1012	106	191	0,55	105	184	0,57	105	171	0,61	129	183	0,70	112	147	0,76
		VL1218	199	287	0,69	182	292	0,63	208	285	0,73	212	296	0,72	217	365	0,59
		VL1824	208	254	0,82	196	260	0,75	208	308	0,68	220	309	0,71	238	314	0,76
		VL2440	224	260	0,86	185	293	0,63	214	299	0,72	230	299	0,77	227	288	0,79
	MGO	VL0010	74	119	0,62	76	125	0,61	79	135	0,59	69	137	0,50	67	130	0,52
		VL1012	77	101	0,76	103	147	0,70	79	113	0,70	63	118	0,57	62	133	0,47
	PGP	VL0010	67	220	0,30	72	236	0,31	73	250	0,29	77	263	0,29	81	244	0,33
		VL1012	78	171	0,46	82	200	0,41	99	180	0,55	68	202	0,34	82	204	0,40
		VL1218	124	192	0,65	163	241	0,68	145	219	0,66	186	258	0,72	153	352	0,43
		VL1824										167	252	0,66	209	219	0,95
	PMP	VL0010	59	149	0,39	54	136	0,40	54	127	0,42	61	136	0,45	61	114	0,53
PS	VL0010	68	109	0,62	52	80	0,65	69	108	0,64	59	93	0,64	49	93	0,53	
	VL1012	93	133	0,70	82	118	0,69	102	143	0,71	100	135	0,74	91	125	0,73	
	VL1218	104	152	0,69	101	161	0,63	107	165	0,63	104	156	0,67	99	170	0,58	
	VL1824	130	191	0,68	101	168	0,60	105	172	0,61	102	150	0,68	119	177	0,67	
	VL2440	119	203	0,59	92	169	0,54	112	202	0,55	116	268	0,43	133	365	0,36	
TBB	VL0010	83	139	0,60	81	134	0,60	77	126	0,61	80	143	0,56	76	130	0,58	
	VL1012	101	156	0,65	107	178	0,60	109	147	0,74	114	172	0,66	110	166	0,66	
Area37	FPO	VL2440	272	275	0,99	253	273	0,93	284	295	0,96	286	303	0,94	187	290	0,64
OFR	HOK	VL2440	134	265	0,51												

			2013			2014			2015			2016			2017		
			Med	Max	Ind	Med	Max	Ind	Med	Max	Ind	Med	Max	Ind	Med	Max	Ind
Area27	DTS	VL40XX	200	287	0,70	169	245	0,69	187	295	0,63	182	253	0,72	169	250	0,68
OFR	DTS	VL2440	203	277	0,73	158	266	0,59									
		VL40XX	215	310	0,69	252	311	0,81	262	295	0,89	229	366	0,63	249	345	0,72
	HOK	VL40XX	282	365	0,77	241	365	0,66	262	365	0,72	256	366	0,70	238	337	0,71

INDICADORES ECONÓMICOS
(ECONOMIC INDICATORS)

Código	Receitas (taxações salariais)					Variáveis cúbicas					Fixed costs					Revenue - Break Even Revenue (BER)					CMR Ratio					
	2013	2014	2015	2016	2017	2013	2014	2015	2016	2017	2013	2014	2015	2016	2017	2013	2014	2015	2016	2017	2013	2014	2015	2016	2017	
B7N	4.757.112	4.311.175	4.174.497	5.471.280	5.244.879	3.335.976	3.504.694	2.506.194	3.333.709	3.935.981	909.891	781.811	544.971	840.154	686.358	3.252.617	3.487.118	1.661.027	2.739.824	1.664.231	1.44	1,22	2,48	2,48	2,54	1,03
B7D	2.516.646	2.233.548	2.146.485	2.609.235	2.784.967	1.794.764	1.888.061	1.281.344	1.938.111	2.274.004	530.178	293.118	227.004	375.991	316.996	3.183.399	3.233.399	1.518.331	2.153.504	1.605.663	1,34	3,14	4,25	3,28	2,44	
B7E	5.666.350	10.233.489	13.499.835	7.937.231	11.992.786	6.867.231	6.942.000	9.295.847	6.466.906	6.279.822	2.044.487	1.322.691	1.333.886	1.187.896	1.531.277	6.754.964	4.941.887	3.271.725	4.378.328	3.784.181	1,04	1,91	1,68	2,00	2,48	
B7F	1.109.996	6.837.666	6.229.275	6.344.052	6.536.831	4.854.284	4.838.877	4.772.002	4.646.906	4.379.822	2.044.487	1.322.691	1.333.886	1.187.896	1.531.277	6.754.964	4.941.887	3.271.725	4.378.328	3.784.181	0,33	1,34	1,43	1,48	1,16	
B7G	1.655.542	984.044	1.335.537	795.348	188.421	918.179	861.932	955.817	697.868	679.868	2.044.487	1.322.691	1.333.886	1.187.896	1.531.277	6.754.964	4.941.887	3.271.725	4.378.328	3.784.181	1,11	0,40	2,35	5,17	2,33	
B7H	1.107.072	1.807.081	597.832	1.278.712	1.841.614	816.023	841.553	965.974	1.381.682	1.973.351	300.748	293.691	233.670	200.840	137.542	1.945.231	2.224.177	783.241	776.064	696.114	0,44	0,47	1,76	2,39	3,27	
B7I	1.112.078	1.807.081	597.832	1.278.712	1.841.614	816.023	841.553	965.974	1.381.682	1.973.351	300.748	293.691	233.670	200.840	137.542	1.945.231	2.224.177	783.241	776.064	696.114	1,37	1,34	1,21	1,26	1,44	
B7J	1.112.078	1.807.081	597.832	1.278.712	1.841.614	816.023	841.553	965.974	1.381.682	1.973.351	300.748	293.691	233.670	200.840	137.542	1.945.231	2.224.177	783.241	776.064	696.114	1,37	1,34	1,21	1,26	1,44	
B7K	1.112.078	1.807.081	597.832	1.278.712	1.841.614	816.023	841.553	965.974	1.381.682	1.973.351	300.748	293.691	233.670	200.840	137.542	1.945.231	2.224.177	783.241	776.064	696.114	1,37	1,34	1,21	1,26	1,44	
B7L	1.112.078	1.807.081	597.832	1.278.712	1.841.614	816.023	841.553	965.974	1.381.682	1.973.351	300.748	293.691	233.670	200.840	137.542	1.945.231	2.224.177	783.241	776.064	696.114	1,37	1,34	1,21	1,26	1,44	
B7M	1.112.078	1.807.081	597.832	1.278.712	1.841.614	816.023	841.553	965.974	1.381.682	1.973.351	300.748	293.691	233.670	200.840	137.542	1.945.231	2.224.177	783.241	776.064	696.114	1,37	1,34	1,21	1,26	1,44	
B7N	1.112.078	1.807.081	597.832	1.278.712	1.841.614	816.023	841.553	965.974	1.381.682	1.973.351	300.748	293.691	233.670	200.840	137.542	1.945.231	2.224.177	783.241	776.064	696.114	1,37	1,34	1,21	1,26	1,44	
B7O	1.112.078	1.807.081	597.832	1.278.712	1.841.614	816.023	841.553	965.974	1.381.682	1.973.351	300.748	293.691	233.670	200.840	137.542	1.945.231	2.224.177	783.241	776.064	696.114	1,37	1,34	1,21	1,26	1,44	
B7P	1.112.078	1.807.081	597.832	1.278.712	1.841.614	816.023	841.553	965.974	1.381.682	1.973.351	300.748	293.691	233.670	200.840	137.542	1.945.231	2.224.177	783.241	776.064	696.114	1,37	1,34	1,21	1,26	1,44	
B7Q	1.112.078	1.807.081	597.832	1.278.712	1.841.614	816.023	841.553	965.974	1.381.682	1.973.351	300.748	293.691	233.670	200.840	137.542	1.945.231	2.224.177	783.241	776.064	696.114	1,37	1,34	1,21	1,26	1,44	
B7R	1.112.078	1.807.081	597.832	1.278.712	1.841.614	816.023	841.553	965.974	1.381.682	1.973.351	300.748	293.691	233.670	200.840	137.542	1.945.231	2.224.177	783.241	776.064	696.114	1,37	1,34	1,21	1,26	1,44	
B7S	1.112.078	1.807.081	597.832	1.278.712	1.841.614	816.023	841.553	965.974	1.381.682	1.973.351	300.748	293.691	233.670	200.840	137.542	1.945.231	2.224.177	783.241	776.064	696.114	1,37	1,34	1,21	1,26	1,44	
B7T	1.112.078	1.807.081	597.832	1.278.712	1.841.614	816.023	841.553	965.974	1.381.682	1.973.351	300.748	293.691	233.670	200.840	137.542	1.945.231	2.224.177	783.241	776.064	696.114	1,37	1,34	1,21	1,26	1,44	
B7U	1.112.078	1.807.081	597.832	1.278.712	1.841.614	816.023	841.553	965.974	1.381.682	1.973.351	300.748	293.691	233.670	200.840	137.542	1.945.231	2.224.177	783.241	776.064	696.114	1,37	1,34	1,21	1,26	1,44	
B7V	1.112.078	1.807.081	597.832	1.278.712	1.841.614	816.023	841.553	965.974	1.381.682	1.973.351	300.748	293.691	233.670	200.840	137.542	1.945.231	2.224.177	783.241	776.064	696.114	1,37	1,34	1,21	1,26	1,44	
B7W	1.112.078	1.807.081	597.832	1.278.712	1.841.614	816.023	841.553	965.974	1.381.682	1.973.351	300.748	293.691	233.670	200.840	137.542	1.945.231	2.224.177	783.241	776.064	696.114	1,37	1,34	1,21	1,26	1,44	
B7X	1.112.078	1.807.081	597.832	1.278.712	1.841.614	816.023	841.553	965.974	1.381.682	1.973.351	300.748	293.691	233.670	200.840	137.542	1.945.231	2.224.177	783.241	776.064	696.114	1,37	1,34	1,21	1,26	1,44	
B7Y	1.112.078	1.807.081	597.832	1.278.712	1.841.614	816.023	841.553	965.974	1.381.682	1.973.351	300.748	293.691	233.670	200.840	137.542	1.945.231	2.224.177	783.241	776.064	696.114	1,37	1,34	1,21	1,26	1,44	
B7Z	1.112.078	1.807.081	597.832	1.278.712	1.841.614	816.023	841.553	965.974	1.381.682	1.973.351	300.748	293.691	233.670	200.840	137.542	1.945.231	2.224.177	783.241	776.064	696.114	1,37	1,34	1,21	1,26	1,44	
B8A	1.112.078	1.807.081	597.832	1.278.712	1.841.614	816.023	841.553	965.974	1.381.682	1.973.351	300.748	293.691	233.670	200.840	137.542	1.945.231	2.224.177	783.241	776.064	696.114	1,37	1,34	1,21	1,26	1,44	
B8B	1.112.078	1.807.081	597.832	1.278.712	1.841.614	816.023	841.553	965.974	1.381.682	1.973.351	300.748	293.691	233.670	200.840	137.542	1.945.231	2.224.177	783.241	776.064	696.114	1,37	1,34	1,21	1,26	1,44	
B8C	1.112.078	1.807.081	597.832	1.278.712	1.841.614	816.023	841.553	965.974	1.381.682	1.973.351	300.748	293.691	233.670	200.840	137.542	1.945.231	2.224.177	783.241	776.064	696.114	1,37	1,34	1,21	1,26	1,44	
B8D	1.112.078	1.807.081	597.832	1.278.712	1.841.614	816.023	841.553	965.974	1.381.682	1.973.351	300.748	293.691	233.670	200.840	137.542	1.945.231	2.224.177	783.241	776.064	696.114	1,37	1,34	1,21	1,26	1,44	
B8E	1.112.078	1.807.081	597.832	1.278.712	1.841.614	816.023	841.553	965.974	1.381.682	1.973.351	300.748	293.691	233.670	200.840	137.542	1.945.231	2.224.177	783.241	776.064	696.114	1,37	1,34	1,21	1,26	1,44	
B8F	1.112.078	1.807.081	597.832	1.278.712	1.841.614	816.023	841.553	965.974	1.381.682	1.973.351	300.748	293.691	233.670	200.840	137.542	1.945.231	2.224.177	783.241	776.064	696.114	1,37	1,34	1,21	1,26	1,44	
B8G	1.112.078	1.807.081	597.832	1.278.712	1.841.614	816.023	841.553	965.974	1.381.682	1.973.351	300.748	293.691	233.670	200.840	137.542	1.945.231	2.224.177	783.241	776.064	696.114	1,37	1,34	1,21	1,26	1,44	
B8H	1.112.078	1.807.081	597.832	1.278.712	1.841.614	816.023	841.553	965.974	1.381.682	1.973.351	300.748	293.691	233.670	200.840	137.542	1.945.231	2.224.177	783.241	776.064	696.114	1,37	1,34	1,21	1,26	1,44	
B8I	1.112.078	1.807.081	597.832	1.278.712	1.841.614	816.023	841.553	965.974	1.381.682	1.973.351	300.748	293.691	233.670	200.840	137.542	1.945.231	2.224.177	783.241	776.064	696.114	1,37	1,34	1,21	1,26	1,44	
B8J	1.112.078	1.807.081	597.832	1.278.712	1.841.614	816.023	841.553	965.974	1.381.682	1.973.351	300.748	293.691	233.670	200.840	137.542	1.945.231	2.224.177	783.241	776.064	696.114	1,37	1,34	1,21	1,26	1,44	
B8K	1.112.078	1.807.081	597.832	1.278.712	1.841.614	816.023	841.553	965.974	1.381.682	1.973.351	300.748	293.691	233.670	200.840												

ACTION PLAN RELATING TO THE 2016 FLEET REPORT Autonomous Region of Madeira

Follow-up

1. Introduction and background

Article 22(1) of Regulation (EU) No 1380/2013 of the European Parliament and of the Council establishes that, as regards adjusting and managing the capacity of their fishing fleets, Member States must: *'put in place measures to adjust the fishing capacity of their fleet to their fishing opportunities over time'*.

In order to achieve that objective, the Member States draw up an annual report on the balance between the fishing capacity of their fleets and their fishing opportunities.

The report must contain an assessment of the capacity of all fleet segments, identify structural overcapacity by segment and estimate the long-term profitability by segment.

For this purpose and in order to harmonise the assessment of the balance between capacity and fishing opportunities, the fleets of the various Member States are segmented in exactly the same way, on the basis of fishing gear used and vessel size. Similarly, common economic, social and biological activity indicators have been established. The methodology for calculating those indicators follows the guidelines set out in Commission Communication COM (2014) 545 final.

Article 22(3) of the above-mentioned Regulation states that the assessments must be performed separately for fleets operating in the outermost regions. Article 22(4) reads as follows: *'If the assessment clearly demonstrates that the fishing capacity is not effectively balanced with fishing opportunities, the Member State shall prepare and include in its report an action plan for the fleet segments with identified structural overcapacity.'*

The 2016 fleet report identified segments of the fleet of the Autonomous Region of Madeira whose indicators revealed that fishing capacity might be out of balance with fishing opportunities. An action plan was therefore drawn up setting out the targets and adjustment tools for each fleet segment and a time frame for implementing the plan.

This document assesses the implementation of the action plan in the light of the additional information available from the indicators for 2017 and makes the necessary corrections to the adjustment targets and tools and the time frame for implementation.

2. Identification of fleets in economic imbalance

The indicators for analysing the balance between fishing capacity and fishing opportunities (Article 22 of Regulation (EU) No 1380/2013 on the Common Fisheries Policy (CFP)) should be used in parallel to draw conclusions on the imbalances that exist in each fleet segment individually.

An analysis of the tables in the 2016 fleet report revealed that the economic indicators were negative for two segments, which could be indicative of a structural economic imbalance. Tuna-fishing vessels of more than 24 metres in length and vessels fishing for small pelagic species using encircling gears shot from on board, which correspond to segments HOK VL2440 and MGP VL1824, respectively, were the only segments to have had negative results in recent years. The situation of those segments in the light of the current indicators, which refer to 2017, is set out below:

Fleet segment HOK VL2440 fishes exclusively for tuna using pole and line. It is known that catches of tuna fluctuate each year, partly because they are highly migratory, which explains the warning triggered by the ratios, which reflect the vessels' performance in the face of the constraints of the fishery.

A reinterpretation of the economic indicators for 2016 in the light of the information gathered during the socio-economic surveys carried out as part of the National Data Collection Programme, which has been included in this year's annual fleet report, has led to the 2016 indicators being revised, giving a positive value (1.2) for the RATIO indicator, while the ROFTA remains very close to zero (-0.04).

The results for this indicator for 2017 remain slightly negative as far as the RATIO is concerned (0.93). However, the results for both these indicators are estimates, in view of the fact that the socio-economic surveys are not yet available, and the average for the last seven years was therefore used.

Nevertheless, bearing in mind that 2017 was an exceptionally good year for tuna fishing in a sector that is known to experience significant fluctuations in productivity from year to year, it is to be expected that those indicators will be revised upwards.

The operating costs for this type of activity are high, while the cost of capital invested is also considerable, and in some years these are not covered by the revenue generated. However, sales in this segment have developed satisfactorily over the last two years, and it is expected that, for the reasons stated, 2017 will actually mark the reversal of the negative trend.

Segment MGP VL1824, which consists of three seiners, has been hit by a sharp drop in the average price of Atlantic chub mackerel and blue jack mackerel over the last few years, resulting in low or negative returns and insufficient revenues to cover operating and capital costs.

However, it should be stressed that, in overall terms, 2017 saw a dramatic drop in catches (- 52 %), which was offset by a substantial increase in the average price of these species. This will undoubtedly be confirmed by the final economic data for 2017.

3. Biological Sustainability Indicators

As can be seen from the table showing the development of the biological sustainability indicators annexed to the 2017 fleet report, there are still two segments which have biological indicators that are considered representative and negative results when the indicators are calculated. These segments correspond to those already identified above as possibly being in structural economic imbalance.

For the third consecutive year, the biological indicators were negative for segment HOK VL2440. This segment, which includes the largest tuna vessels in the regional fleet has, in recent years, shown itself to be highly dependent on catches of bigeye tuna (*Thunnus obesus*), whereas skipjack tuna (*Katsuwonus pelamis*), the species that, only a few years ago, was one of the segment's main sources of income, is now rarely caught.

The segment is thus reliant on catches of a species that, according to the most recently published ICCAT stock assessment, is overfished, with fishing mortality in 2014 exceeding the sustainable fishing mortality rate.

Nevertheless, the ICS trend over the last three years has been favourable for the segment, which was at the positive result threshold (1.05) in 2017.

For the third consecutive year, the biological indicators were negative for segment MGP VL1824. This segment, which includes the regional fleet's three operational small pelagic seiners, is highly dependent on catches of two species: the blue jack mackerel (*Trachurus picturatus*) and the Atlantic chub mackerel (*Scomber colias*).

The segment is thus reliant on catches of two species that are considered to be overfished, according to the numerical stock assessments recently carried out for both stocks fished by the regional fleet.

4. Objectives of the action plan (follow-up)

4.1. Passive hooked gears (HOK)

In the group of vessels using passive hooked gears, segment VL2440 corresponds primarily to tuna vessels fishing for tuna with pole and line and using live bait.

The economic indicators have shown virtually continuous imbalances over the last four years. Thus, with a view to bringing the capacity of the fleet into line with the available resources, the objective has been set of reducing the fleet, as indicated in Table 2. This is to be done through the permanent cessation of fishing activities by some of those vessels, and a proposal was made in 2017 to implement an action plan for permanent cessation in this segment of the fleet.

4.1.1. Implementation and redefinition of the objectives

Taking into account that this segment usually shows a high degree of variability — which could mean that the indicators, especially those of an economic nature, are not yet consolidated — and bearing in mind that the trend regarding the biological

indicators has been relatively positive, it was decided to postpone the possible implementation of the plan for permanent cessation of vessels until there is more solid information available on the sustainability of fishing activities in this segment.

4.2. Active gears (MGP)

In the group of vessels using active gears, segment VL1824 consists of only the three vessels in the regional fleet that fish for small pelagic species with purse seines.

The economic situation of this segment of the fleet has deteriorated as a result of the sharp drop in the average price of Atlantic chub mackerel and blue jack mackerel, resulting in low or negative returns and insufficient revenues to cover operating and capital costs.

Furthermore, the two resources on which this segment depends (blue jack mackerel and Atlantic chub mackerel) show weaknesses as regards biological sustainability. Given this situation and with a view to bringing capacity into line with the available resources, while allowing the fleet to recover its former financial health, a proposal was made in 2017 to implement an action plan for permanent cessation of vessels.

4.2.1. Implementation of the objectives

(1) As provided for in the action plan, Ministerial Implementing Order No 392/2017 of 9 October 2017 approving the regulations governing the aid scheme for the definitive cessation of fishing activities using encircling gears – small pelagic species (copy in annex) was published in the Official Journal of the Autonomous Region of Madeira (JORAM).

(2) That Ministerial Implementing Decree laid down the legal framework for applications for cessation of activities with a view to achieving the objective of reducing the gross tonnage (GT) of the fleet by 100 GT, as provided for in the action plan annexed to the 2016 Annual Report on the Fishing Fleet.

(3) The Regional Directorate for Fisheries held meetings with the owners of the three seiners in this segment to raise awareness of the need to take action in the light of the various indicators and to explain the background to cessation of activities as proposed in the aforementioned Ministerial Implementing Decree.

(4) The vessels' owners were informed that if no applications were submitted, the Regional Directorate for Fisheries would amend the regulations governing seine fishing to ensure that the current negative situation with regard to resources and the socio-economic aspects of the activity could be reversed.

4.2.2. Redefinition of the objectives

Despite the initial interest shown by some vessel owners, no applications were submitted. The Regional Directorate for Fisheries therefore proposes to implement the

following measures, by means of the appropriate legal act, in addition to the existing measures, to safeguard the resources fished by this method and the sustainability of the activity itself:

Control of fishing levels

- 1) Limiting the total fishing effort each year. Bearing in mind the way in which seiners fish, with each fishing trip generally corresponding to one day's fishing, it is proposed to reduce the number of fishing trips each vessel is allowed to make each year, thus producing a total annual reduction that is substantially equivalent to cessation of activity by one vessel, the reference value being the average number of fishing trips undertaken by the vessels in the last three years (2015 to 2017).

Adjusting the fishing pattern (technical measures)

- 1) Increasing the minimum landing size for *T. picturatus* (blue jack mackerel) by 1 cm (from 15 to 16 cm);
- 2) Introducing a temporary ban on purse-seine fishing for at least one month, coinciding with the peak spawning period of *T. picturatus* and *S. colias* (closed season).

5. Time frame for implementing the action plan

Publication of the regulations governing seine fishing referred to in point 5.2.2 should take place by 30 November 2018. They should enter into force on 1 January 2019.

6. Relevant financial instruments

The temporary cessation of fishing activities could be achieved by providing financial support to the owners of the fishing vessels concerned and the fishermen affected, in accordance with the rules set out in Article 33(1)(a) of Regulation (EU) No 508/2014 of the European Parliament and of the Council of 15 May (the EMFF Regulation) and other rules which may be laid down by national legislation. The amount of support will be determined in accordance with the calculation methods referred to in the operational programme OP Mar 2020.

