

Annex IV Records of fishing stations

PROJECT STATION: 92										PROJECT STATION: 96									
DATE:20/ 2/92					GEAR TYPE: PT No:1					DATE:20/ 2/92					GEAR TYPE: BT No:1				
start stop duration					POSITION:Lat N 1551					start stop duration					POSITION:Lat N 1603				
TIME :03:34:00 04:04:00 30 (min)					Long W 1642					TIME :11:14:00 11:44:00 30 (min)					Long W 1654				
LOG :7153.60 7155.60 2.00					Purpose code: 1					LOG :7207.30 7208.50 1.20					Purpose code: 3				
FDEPTH: 10 15					Area code :					FDEPTH: 129 118					Area code :				
BDEPTH: 40 39					GearCond.code: 2					BDEPTH: 129 118					GearCond.code: 2				
Towing dir: 200 Wire out: 50 m Speed: 41 kn*10					Validity code: 4					Towing dir: 180 Wire out: 550 m Speed: 30 kn*10					Validity code: 4				
Sorted: 62 Kg					Total catch: 62.20 CATCH/HOUR: 124.40					Sorted: 40 Kg					Total catch: 40.90 CATCH/HOUR: 81.80				
SPECIES					CATCH/HOUR					SPECIES					CATCH/HOUR				
					weight numbers										weight numbers				
Trichiurus lepturus					35.00 318					Trichiurus lepturus					36.40 120				
Decapterus rhonchus					22.00 98					Merluccius senegalensis					19.40 56				
Selene dorsalis					20.80 64					Trachurus trecae					5.00 14				
Brachydeuterus auritus					19.00 154					Todaropsis eblanae					3.60 34				
Trachurus trecae					18.00 154					Trachurus trachurus					3.40 56				
Campogramma glaycos					4.60 6					Dentex macrophthalmus					3.40 20				
Mugil ramada					2.20 2					Decapterus rhonchus					2.60 6				
Stromateus fiatola					1.20 2					Zeus faber					2.40 2				
Pomatomus saltatrix					0.80 2					Chlorophthalmus atlanticus					1.40 174				
Sardinella aurita					0.80 2					Spicara alta					1.40 18				
Total					124.40 99.99					Mystriophis rostellatus					1.20 2				
										Zenopsis conchifer					0.60 6				
										Pontinus kuhlii					0.40 6				
										Synagrops sp.					0.30 36				
										Helicolenus dactylopterus					0.20 2				
										Nezumia aequalis					0.10 12				
										Total					81.80 100.00				
PROJECT STATION: 93										PROJECT STATION: 97									
DATE:20/ 2/92					GEAR TYPE: PT No:1					DATE:20/ 2/92					GEAR TYPE: BT No:1				
start stop duration					POSITION:Lat N 1533					start stop duration					POSITION:Lat N 1550				
TIME :05:31:00 05:46:00 15 (min)					Long W 1640					TIME :13:54:00 14:24:00 30 (min)					Long W 1652				
LOG :7165.50 7166.60 1.10					Purpose code: 1					LOG :7227.10 7228.60 1.50					Purpose code: 3				
FDEPTH: 10 15					Area code :					FDEPTH: 81 79					Area code :				
BDEPTH: 35 35					GearCond.code: 2					BDEPTH: 81 79					GearCond.code: 2				
Towing dir: 210 Wire out: 50 m Speed: 43 kn*10					Validity code: 4					Towing dir: 180 Wire out: 300 m Speed: 30 kn*10					Validity code: 4				
Sorted: 146 Kg					Total catch: 146.25 CATCH/HOUR: 585.00					Sorted: 83 Kg					Total catch: 228.70 CATCH/HOUR: 457.40				
SPECIES					CATCH/HOUR					SPECIES					CATCH/HOUR				
					weight numbers										weight numbers				
Sardinella maderensis					411.60 1516					Trachurus trecae					295.30 5814				
Brachydeuterus auritus					61.20 484					Dentex maroccanus					56.80 926				
Selene dorsalis					45.60 136					Trichiurus lepturus					50.20 86				
Trichiurus lepturus					19.20 164					Zeus faber					16.56 16				
Decapterus rhonchus					16.80 64					Stromateus fiatola					14.42 16				
Campogramma glaycos					12.00 16					Paragaleus pectoralis					8.00 4				
Trachurus trecae					9.20 76					Loligo vulgaris					6.40 278				
Pomatomus saltatrix					6.00 8					Raja straeleni					4.60 2				
Chloroscombrus chrysurus					1.80 8					Boops boops					3.20 80				
Sardinella aurita					1.60 12					Merluccius senegalensis					1.60 6				
Total					585.00 99.99					Scomber japonicus					1.06 6				
										Total					458.14 100.17				
PROJECT STATION: 94										PROJECT STATION: 98									
DATE:20/ 2/92					GEAR TYPE: BT No:1					DATE:20/ 2/92					GEAR TYPE: BT No:1				
start stop duration					POSITION:Lat N 1603					start stop duration					POSITION:Lat N 1550				
TIME :07:25:00 07:55:00 30 (min)					Long W 1635					TIME :15:33:00 16:03:00 30 (min)					Long W 1644				
LOG :7180.60 7182.30 1.70					Purpose code: 3					LOG :7237.60 7239.10 1.50					Purpose code: 3				
FDEPTH: 23 24					Area code :					FDEPTH: 45 42					Area code :				
BDEPTH: 23 24					GearCond.code: 2					BDEPTH: 45 42					GearCond.code: 2				
Towing dir: 360 Wire out: 150 m Speed: 31 kn*10					Validity code: 4					Towing dir: 180 Wire out: 200 m Speed: 32 kn*10					Validity code: 4				
Sorted: 50 Kg					Total catch: 133.10 CATCH/HOUR: 266.20					Sorted: 82 Kg					Total catch: 151.40 CATCH/HOUR: 302.80				
SPECIES					CATCH/HOUR					SPECIES					CATCH/HOUR				
					weight numbers										weight numbers				
Brachydeuterus auritus					145.00 5612					Trichiurus lepturus					122.24 1906				
Trichiurus lepturus					68.60 296					Brachydeuterus auritus					111.64 764				
Ilisha africana					23.00 2174					Pseudotolithus senegalensis					22.06 44				
Pteroscion pelli					7.50 160					Pagellus bellottii					11.72 54				
Decapterus rhonchus					5.80 26					Trachurus trecae					9.16 66				
Sepia officinalis hierredda					4.80 8					Umbrina canariensis					6.58 26				
Pseudotolithus senegalensis					3.40 6					Zeus faber					6.22 10				
Octopus vulgaris					3.20 2					Stromateus fiatola					4.02 4				
Pagellus bellottii					1.80 6					Boops boops					2.20 14				
Dentex canariensis					1.20 6					Selene dorsalis					1.84 4				
Lolligoneula mercatoris					1.00 0					Dentex canariensis					1.46 4				
Sepiella ornata					0.50 10					Penaeus notialis					1.10 26				
Galeoides decadactylus					0.30 10					Parapristipoma octolineatum					1.10 4				
Sphyræna sphyræna					0.30 6					Illex coindetii					0.36 26				
Boops boops					0.00 6					Total					302.70 99.97				
Total					266.40 100.08														
PROJECT STATION: 95										PROJECT STATION: 99									
DATE:20/ 2/92					GEAR TYPE: BT No:1					DATE:20/ 2/92					GEAR TYPE: BT No:1				
start stop duration					POSITION:Lat N 1602					start stop duration					POSITION:Lat N 1550				
TIME :09:07:00 09:37:00 30 (min)					Long W 1645					TIME :17:03:00 17:33:00 30 (min)					Long W 1636				
LOG :7192.30 7193.60 1.30					Purpose code: 3					LOG :7247.40 7248.90 1.50					Purpose code: 3				
FDEPTH: 72 69					Area code :					FDEPTH: 17 16					Area code :				
BDEPTH: 72 69					GearCond.code: 2					BDEPTH: 17 16					GearCond.code: 2				
Towing dir: 160 Wire out: 250 m Speed: 30 kn*10					Validity code: 4					Towing dir: 195 Wire out: 100 m Speed: 30 kn*10					Validity code: 4				
Sorted: 18 Kg					Total catch: 18.15 CATCH/HOUR: 36.30					Sorted: 76 Kg					Total catch: 118.80 CATCH/HOUR: 237.60				
SPECIES					CATCH/HOUR					SPECIES					CATCH/HOUR				
					weight numbers										weight numbers				
Trichiurus lepturus					22.60 34					Brachydeuterus auritus					100.00 42.09				
Trachurus trecae					6.60 8					Decapterus rhonchus					55.20 238				
Decapterus rhonchus					3.40 8					Mugil cephalus					28.50 30				
Stromateus fiatola					3.30 4					Trichiurus lepturus					15.60 36				
Allotheutis subulata					0.40 1					Sardinella maderensis					13.20 48				
Total					36.30 100.00					Pteromylaeus bovinus					5.60 2				
										Stromateus fiatola					4.40 4				
										Selene dorsalis					4.00 12				
										Trachurus trecae					3.40 22				
										Ilisha africana					3.30 1				
										Pomadoury peroteti					3.00 10				
										Sphyræna guachancho					1.20 22				
										Chaetodon hoefleri					0.20 4				
										Total					237.60 100.00				

PROJECT STATION: 100
DATE:20/ 2/92 GEAR TYPE: BT No:1 POSITION:Lat N 1543 Long W 1644
start stop duration
TIME :19:00:00 19:26:00 26 (min) Purpose code: 3
LOG :7261.40 7262.40 1.00 Area code :
FDEPTH: 28 30 GearCond.code:
BDEPTH: 28 30 Validity code:
Towing dir: 360 Wire out: 150 m Speed: 26 kn*10
Sorted: 15 Kg Total catch: 15.05 CATCH/HOUR: 34.73
SPECIES CATCH/HOUR % OF TOT. C SAMP.NO.
weight numbers
Pseudotolithus senegalensis 9.46 115 27.24
Brachydeuterus auritus 9.46 108 27.24
Raja miraletus 5.77 9 16.61
Cynoglossus canariensis 3.92 32 11.29
Pteroscion pelli 2.77 88 7.98
Arius parkii 1.62 5 4.66
Trichiurus lepturus 0.92 12 2.65
Pomadasy peroteti 0.46 2 1.32
Chilomycterus spinosus mauret. 0.23 2 0.66
Parapenaeopsis atlantica 0.12 16 0.35
Total 34.73 100.00

PROJECT STATION: 101
DATE:20/ 2/92 GEAR TYPE: PT No:1 POSITION:Lat N 1547 Long W 1642
start stop duration
TIME :20:55:00 21:40:00 45 (min) Purpose code: 1
LOG :7270.20 7273.30 3.10 Area code :
FDEPTH: 5 5 GearCond.code:
BDEPTH: 30 28 Validity code:
Towing dir: 190 Wire out: 50 m Speed: 44 kn*10
Sorted: 53 Kg Total catch: 2492.90 CATCH/HOUR: 3323.87
SPECIES CATCH/HOUR % OF TOT. C SAMP.NO.
weight numbers
Brachydeuterus auritus 3045.60 31077 91.63 202
Sardinella maderensis 156.67 596 4.71 204
Sardinella aurita 37.60 116 1.13 203
Decapterus rhonchus 37.60 188 1.13 204
Trachurus trecae 25.07 188 0.75
Selene dorsalis 18.80 63 0.57
Atractoscion aequidens 2.53 1 0.08
Total 3323.87 100.00

PROJECT STATION: 102
DATE:20/ 2/92 GEAR TYPE: PT No:1 POSITION:Lat N 1549 Long W 1640
start stop duration
TIME :23:58:00 00:28:00 30 (min) Purpose code: 1
LOG :7285.80 7287.50 1.70 Area code :
FDEPTH: 15 15 GearCond.code:
BDEPTH: 28 27 Validity code:
Towing dir: 190 Wire out: 100 m Speed: 41 kn*10
Sorted: 111 Kg Total catch: 1001.40 CATCH/HOUR: 2002.80
SPECIES CATCH/HOUR % OF TOT. C SAMP.NO.
weight numbers
Sardinella maderensis 935.40 3578 46.70 208
Brachydeuterus auritus 874.60 8746 43.67 209
Sardinella aurita 53.80 180 2.69 207
Selene dorsalis 41.20 144 2.06
Decapterus rhonchus 34.00 178 1.70 205
Trichiurus lepturus 23.20 356 1.16
Argyrosomus regius 19.80 18 0.99
Trachurus trecae 16.20 108 0.81 206
Sphyrna sp. 2.80 2 0.14
Sphyrna guachancho 1.80 18 0.09
Total 2002.80 100.01

PROJECT STATION: 103
DATE:21/ 2/92 GEAR TYPE: PT No:1 POSITION:Lat N 1542 Long W 1656
start stop duration
TIME :02:51:00 03:11:00 20 (min) Purpose code: 1
LOG :7306.50 7307.90 1.40 Area code :
FDEPTH: 10 15 GearCond.code:
BDEPTH: 95 87 Validity code:
Towing dir: 70 Wire out: 100 m Speed: 45 kn*10
Sorted: 53 Kg Total catch: 239.90 CATCH/HOUR: 719.70
SPECIES CATCH/HOUR % OF TOT. C SAMP.NO.
weight numbers
Sardinella maderensis 337.50 1215 46.89 211
Sardinella aurita 310.50 906 43.14 210
Trichiurus lepturus 55.50 162 7.71
Trachurus trecae 10.80 81 1.50
Scomber japonicus 5.40 42 0.75
Total 719.70 99.99

PROJECT STATION: 104
DATE:21/ 2/92 GEAR TYPE: BT No:1 POSITION:Lat N 1540 Long W 1701
start stop duration
TIME :07:32:00 08:02:00 30 (min) Purpose code: 3
LOG :7322.80 7324.40 1.60 Area code :
FDEPTH: 128 132 GearCond.code:
BDEPTH: 128 132 Validity code:
Towing dir: 220 Wire out: 550 m Speed: 31 kn*10
Sorted: 91 Kg Total catch: 91.75 CATCH/HOUR: 183.50
SPECIES CATCH/HOUR % OF TOT. C SAMP.NO.
weight numbers
Merluccius senegalensis 63.80 236 34.77 214
Brotula baata 22.00 24 11.99
Dentex macrophthalmus 19.80 208 10.79 213
Trachurus trecae 15.60 46 8.50 212
Trichiurus lepturus 14.40 48 7.85
Pterothrissus bellioi 13.20 104 7.19
Pontinus kuhlii 12.80 166 6.98
Chlorophthalmus atlanticus 3.40 782 1.85
Dentex angolensis 3.40 12 1.85
Aulopus cadenati 3.20 36 1.74
Arnoglossus imperialis 2.70 326 1.47
Synagrops microlepis 2.10 200 1.14
Umbrina canariensis 1.40 4 0.76
Serranus cabrilla 1.20 48 0.65
Zenopsis conchifer 0.70 14 0.38
Octopus vulgaris 0.40 2 0.22
Trachurus trachurus 0.40 8 0.22
Todaropsis eblanae 0.20 2 0.11
Uranoscopus cadenati 0.20 2 0.11
Synchiropus phaeton 0.10 4 0.05
Parapenaeus longirostris 0.10 50 0.05
Spicara alta 0.10 2 0.05
Antigonia capros 0.10 4 0.05
Citharus linguatula 0.10 2 0.05
Monolene microstoma 0.10 4 0.05
Total 183.50 99.96

PROJECT STATION: 105
DATE:21/ 2/92 GEAR TYPE: PT No:3 POSITION:Lat N 1539 Long W 1702
start stop duration
TIME :08:57:00 09:20:00 23 (min) Purpose code: 1
LOG :7327.50 7329.30 1.80 Area code :
FDEPTH: 0 0 GearCond.code:
BDEPTH: 140 160 Validity code:
Towing dir: 180 Wire out: 150 m Speed: 40 kn*10
Sorted: 15 Kg Total catch: 15.35 CATCH/HOUR: 40.04
SPECIES CATCH/HOUR % OF TOT. C SAMP.NO.
weight numbers
Sardinella maderensis 23.74 78 59.29 216
Sardinella aurita 7.57 21 18.91 215
Sarda sarda 7.30 5 18.23
Uraspis secunda 1.43 3 3.57
Total 40.04 100.00

PROJECT STATION: 106
DATE:21/ 2/92 GEAR TYPE: BT No:1 POSITION:Lat N 1540 Long W 1651
start stop duration
TIME :11:04:00 11:36:00 32 (min) Purpose code: 3
LOG :7342.40 7344.10 1.70 Area code :
FDEPTH: 59 52 GearCond.code:
BDEPTH: 59 52 Validity code:
Towing dir: 148 Wire out: 250 m Speed: 31 kn*10
Sorted: 114 Kg Total catch: 114.70 CATCH/HOUR: 215.06
SPECIES CATCH/HOUR % OF TOT. C SAMP.NO.
weight numbers
Trichiurus lepturus 73.69 394 34.26
Selene dorsalis 62.44 186 29.03
Trachurus trachurus 47.06 349 21.88 217
Brachydeuterus auritus 9.19 776 4.27
Zeus faber 8.81 13 4.10
Boops boops 4.50 30 2.09
Pagellus bellottii 3.75 19 1.74
Stromateus fiatola 2.63 4 1.22
Umbrina canariensis 0.94 4 0.44
Merluccius senegalensis 0.56 2 0.26
Dentex canariensis 0.56 2 0.26
Chaetodon hoefleri 0.38 4 0.18
Zenopsis conchifer 0.19 2 0.09
Dentex gibbosus 0.19 2 0.09
Dentex macrophthalmus 0.19 2 0.09
Total 215.06 100.00

PROJECT STATION: 107
DATE:21/ 2/92 GEAR TYPE: BT No:1 POSITION:Lat N 1530 Long W 1649
start stop duration
TIME :12:47:00 13:17:00 30 (min) Purpose code: 3
LOG :7353.20 7354.60 1.40 Area code :
FDEPTH: 32 35 GearCond.code:
BDEPTH: 32 35 Validity code:
Towing dir: 210 Wire out: 150 m Speed: 30 kn*10
Sorted: 78 Kg Total catch: 131.80 CATCH/HOUR: 263.60
SPECIES CATCH/HOUR % OF TOT. C SAMP.NO.
weight numbers
Selene dorsalis 100.00 494 37.94
Brachydeuterus auritus 93.40 834 35.43
Trichiurus lepturus 54.40 1170 20.64
Alectis alexandrinus 4.60 10 1.75
Pomadasy peroteti 3.00 6 1.14
Trachurus trecae 2.00 14 0.76
Sparus caeruleostictus 2.00 4 0.76
Galeoides decadactylus 1.60 2 0.61
Decapterus rhonchus 1.60 10 0.61
Loligo vulgaris 0.60 4 0.23
Chloroscombrus chrysurus 0.40 4 0.15
Total 263.60 100.02

PROJECT STATION: 108
DATE:21/ 2/92 GEAR TYPE: BT No:1 POSITION:Lat N 1530 Long W 1656
start stop duration
TIME :14:14:00 14:44:00 30 (min) Purpose code: 3
LOG :7361.40 7362.90 1.50 Area code :
FDEPTH: 83 89 GearCond.code:
BDEPTH: 83 89 Validity code:
Towing dir: 240 Wire out: 150 m Speed: 30 kn*10
Sorted: 84 Kg Total catch: 282.70 CATCH/HOUR: 565.40
SPECIES CATCH/HOUR % OF TOT. C SAMP.NO.
weight numbers
Trachurus trecae 402.94 2868 71.27 218
Trichiurus lepturus 133.20 2018 23.56
Scomber japonicus 13.98 86 2.47 219
Zeus faber 8.66 14 1.53
Octopus vulgaris 2.00 6 0.35
Pterothrissus bellioi 1.34 14 0.24
Dentex macrophthalmus 1.34 14 0.24
Dentex angolensis 1.34 6 0.24
Illex coindetii 0.66 14 0.12
Total 565.46 100.02

PROJECT STATION: 109
DATE:21/ 2/92 GEAR TYPE: BT No:1 POSITION:Lat N 1530 Long W 1705
start stop duration
TIME :15:40:00 16:10:00 30 (min) Purpose code: 3
LOG :7369.40 7370.90 1.50 Area code :
FDEPTH: 161 170 GearCond.code:
BDEPTH: 161 170 Validity code:
Towing dir: 210 Wire out: 650 m Speed: 29 kn*10
Sorted: 97 Kg Total catch: 714.70 CATCH/HOUR: 1429.40
SPECIES CATCH/HOUR % OF TOT. C SAMP.NO.
weight numbers
Trachurus trecae 862.00 4442 60.31 222
Chlorophthalmus atlanticus 359.18 25656 25.13
Dentex macrophthalmus 73.30 220 5.13
Merluccius polli 63.04 704 4.41 221
Synagrops microlepis 39.58 4016 2.77
Merluccius senegalensis 26.38 118 1.85 220
Scomber japonicus 4.40 14 0.31
Helicolenus dactylopterus 0.74 30 0.05
Zenopsis conchifer 0.74 14 0.05
Total 1429.36 100.01

PROJECT STATION: 110
 DATE: 21/ 2/92 GEAR TYPE: BT No:1 POSITION: Lat N 1524 Long W 1713
 start stop duration
 TIME :17:46:00 18:16:00 30 (min) Purpose code: 3
 LOG :7382.60 7384.20 1.60 Area code :
 FDEPTH: 340 330 GearCond.code:
 BDEPTH: 340 330 Validity code:
 Towing dir: 20 Wire out: 1050 m Speed: 30 kn*10
 Sorted: 49 Kg Total catch: 173.60 CATCH/HOUR: 347.20

SPECIES	CATCH/HOUR	% OF TOT. C	SAMP.NO.
	weight numbers		
Merluccius polli	211.40 1044	60.89	223
Chlorophthalmus atlanticus	62.30 1296	17.94	
Helicolenus dactylopterus	36.40 960	10.48	
Trichiurus lepturus	15.40 56	4.44	
Pontinus kuhlii	7.00 106	2.25	
Laemonema laureysi	7.00 154	2.02	
Malacocephalus occidentalis	4.20 42	1.21	
MYCTOPHIDAE	0.70 140	0.20	
Trigla lyra	0.40 22	0.12	
Coelorrhinus coelorrhinus	0.40 14	0.12	
Epigonus telescopus	0.40 28	0.12	
Synagrops microlepis	0.40 70	0.12	
Setarches guentheri	0.40 8	0.12	
Parapenaeus longirostris	0.00 64		
Solenocera africana	0.00 14		
Maurollicus muelleri	0.00 14		
Hymenoccephalus italicus	0.00 22		
Total	347.20	100.00	

PROJECT STATION: 114
 DATE: 22/ 2/92 GEAR TYPE: BT No:1 POSITION: Lat N 1523 Long W 1655
 start stop duration
 TIME :07:20:00 07:50:00 30 (min) Purpose code: 3
 LOG :7442.50 7444.00 1.50 Area code :
 FDEPTH: 45 43 GearCond.code:
 BDEPTH: 45 43 Validity code:
 Towing dir: 26 Wire out: 200 m Speed: 34 kn*10
 Sorted: 76 Kg Total catch: 217.90 CATCH/HOUR: 435.80

SPECIES	CATCH/HOUR	% OF TOT. C	SAMP.NO.
	weight numbers		
Brachydeuterus auritus	279.40 4620	64.11	
Trichiurus lepturus	77.00 362	17.67	
Boops boops	32.00 198	7.34	
Zeus faber	9.60 12	2.20	
Pagellus bellottii	9.00 28	2.07	
Arius parkii	5.20 6	1.19	
Pseudolithus senegalensis	4.80 18	1.10	
Decapterus rhonchus	4.60 12	1.06	
Pteroscion pelli	3.40 210	0.78	
Penaeus notialis	2.00 78	0.46	233
Dentex canariensis	1.80 6	0.41	
Galeoides decadactylus	1.80 52	0.41	
Pomatomus saltatrix	1.60 2	0.37	
Loligo vulgaris	1.20 6	0.28	
Trachurus tereae	1.20 12	0.28	
Uranoscopus polli	0.60 6	0.14	
Scorpaena angolensis	0.30 6	0.07	
Chilomycterus spinosus mauret.	0.30 6	0.07	
Total	435.80	100.01	

PROJECT STATION: 111
 DATE: 21/ 2/92 GEAR TYPE: BT No:1 POSITION: Lat N 1520 Long W 1709
 start stop duration
 TIME :19:17:00 19:47:00 30 (min) Purpose code: 3
 LOG :7390.20 7391.60 1.40 Area code :
 FDEPTH: 161 149 GearCond.code:
 BDEPTH: 161 149 Validity code:
 Towing dir: 154 Wire out: 550 m Speed: 32 kn*10
 Sorted: 43 Kg Total catch: 380.90 CATCH/HOUR: 761.80

SPECIES	CATCH/HOUR	% OF TOT. C	SAMP.NO.
	weight numbers		
Chlorophthalmus atlanticus	247.00 12658	32.42	
Lepidotrigla cadmani	117.00 1980	15.36	
Trachurus tereae	65.80 312	8.64	224
Dentex macrocephalus	62.40 268	8.19	225
Synagrops microlepis	52.00 5616	6.83	
Scorpaena normani	52.00 1092	6.83	
Pterothrissus belloci	49.40 572	6.48	
Lepidotrigla carolae	28.60 1118	3.75	
Merluccius senegalensis	27.80 70	3.65	
Merluccius polli	18.20 164	2.39	
Capros aper	9.10 312	1.19	
Pontinus kuhlii	7.80 78	1.02	
Zenopsis conchifer	7.00 8	0.92	
Citharus linguatula	6.50 260	0.85	
Antigonia capros	5.20 234	0.68	
Bembrops heterurus	3.90 78	0.51	
Uranoscopus cadenati	1.30 26	0.17	
Pentheroscion mbizi	0.80 8	0.11	
Parapenaeus longirostris	0.00 78		
Synchiropus phaeon	0.00 52		
Total	761.80	99.99	

PROJECT STATION: 115
 DATE: 22/ 2/92 GEAR TYPE: BT No:1 POSITION: Lat N 1519 Long W 1702
 start stop duration
 TIME :08:51:00 09:21:00 30 (min) Purpose code: 3
 LOG :7451.60 7453.10 1.50 Area code :
 FDEPTH: 94 92 GearCond.code:
 BDEPTH: 94 92 Validity code:
 Towing dir: 160 Wire out: 350 m Speed: 31 kn*10
 Sorted: 26 Kg Total catch: 131.25 CATCH/HOUR: 262.50

SPECIES	CATCH/HOUR	% OF TOT. C	SAMP.NO.
	weight numbers		
Trichiurus lepturus	187.00 4620	71.24	
Trachurus tereae	44.00 1030	16.76	234
Branchiostegus semifasciatus	8.00 10	3.05	
Octopus vulgaris	5.00 10	1.90	
Merluccius senegalensis	5.00 20	1.90	
Illex coindetii	3.00 110	1.14	
Dentex maroccanus	3.00 30	1.14	
Parapenaeus longirostris	2.50 520	0.95	
Boops boops	1.00 30	0.38	
Pentheroscion mbizi	1.00 10	0.38	
Brotila barbata	1.00 10	0.38	
Dentex angolensis	1.00 10	0.38	
Synagrops microlepis	0.50 110	0.19	
Pontinus kuhlii	0.50 10	0.19	
Saurida brasiliensis	0.00 20		
Gobiidae	0.00 40		
Total	262.50	99.98	

PROJECT STATION: 112
 DATE: 21/ 2/92 GEAR TYPE: PT No:1 POSITION: Lat N 1528 Long W 1705
 start stop duration
 TIME :21:55:00 22:10:00 15 (min) Purpose code: 1
 LOG :7406.20 7406.90 0.70 Area code :
 FDEPTH: 135 135 GearCond.code:
 BDEPTH: 156 152 Validity code:
 Towing dir: 180 Wire out: 400 m Speed: 30 kn*10
 Sorted: 20 Kg Total catch: 20.55 CATCH/HOUR: 82.20

SPECIES	CATCH/HOUR	% OF TOT. C	SAMP.NO.
	weight numbers		
Trachurus tereae	38.80 192	47.20	226
Dentex macrocephalus	24.40 84	29.58	228
Scomber japonicus	16.80 68	20.44	227
Synagrops microlepis	1.20 136	1.46	
Merluccius polli	1.00 16	1.22	
Parapenaeus longirostris	0.00 32		
Total	82.20	100.00	

PROJECT STATION: 116
 DATE: 22/ 2/92 GEAR TYPE: PT No:1 POSITION: Lat N 1511 Long W 1659
 start stop duration
 TIME :11:59:00 12:33:00 34 (min) Purpose code: 1
 LOG :7466.70 7468.70 2.00 Area code :
 FDEPTH: 20 40 GearCond.code: 2
 BDEPTH: 46 76 Validity code: 4
 Towing dir: 315 Wire out: 100 m Speed: 39 kn*10
 Sorted: 98 Kg Total catch: 98.50 CATCH/HOUR: 173.82

SPECIES	CATCH/HOUR	% OF TOT. C	SAMP.NO.
	weight numbers		
Lagocephalus laevisgatus	75.35 51	43.35	
Alectis alexandrinus	39.88 46	22.94	
Sphyrna zygaena	22.76 4	13.09	
Trachurus tereae	9.88 44	5.68	235
Trichiurus lepturus	5.65 11	3.25	
Sardinella maderensis	4.94 18	2.84	237
Decapterus rhonchus	4.24 9	2.44	236
Mugil cephalus	2.47 7	1.42	
Sardinella aurita	2.47 7	1.42	238
Carachinus sp.	2.29 2	1.32	
Sarda sarda	1.76 2	1.01	
Boops boops	1.41 5	0.81	
Remora sp.	0.71 4	0.41	
Total	173.81	99.98	

PROJECT STATION: 113
 DATE: 22/ 2/92 GEAR TYPE: PT No:1 POSITION: Lat N 1523 Long W 1653
 start stop duration
 TIME :01:05:00 01:50:00 45 (min) Purpose code: 1
 LOG :7429.13 7432.40 3.30 Area code :
 FDEPTH: 10 10 GearCond.code:
 BDEPTH: 42 40 Validity code:
 Towing dir: 20 Wire out: 50 m Speed: 43 kn*10
 Sorted: 90 Kg Total catch: 270.00 CATCH/HOUR: 360.00

SPECIES	CATCH/HOUR	% OF TOT. C	SAMP.NO.
	weight numbers		
Brachydeuterus auritus	157.60 324	43.78	229
Trachurus tereae	50.00 396	13.89	231
Selene dorsalis	48.80 240	13.56	
Decapterus rhonchus	33.60 28	9.33	230
Arius sp.	30.80 28	8.56	
Lagocephalus sp.	14.40 8	4.00	
Sardinella maderensis	11.20 28	3.11	232
Trichiurus lepturus	5.20 48	1.44	
Lichia amia	4.40 4	1.22	
Chloroscombrus chrysurus	4.00 16	1.11	
Total	360.00	100.00	

PROJECT STATION: 117
 DATE: 22/ 2/92 GEAR TYPE: BT No:1 POSITION: Lat N 1510 Long W 1658
 start stop duration
 TIME :13:30:00 14:00:00 30 (min) Purpose code: 3
 LOG :7474.80 7476.30 1.50 Area code :
 FDEPTH: 28 32 GearCond.code:
 BDEPTH: 28 32 Validity code:
 Towing dir: 20 Wire out: 150 m Speed: 31 kn*10
 Sorted: Kg Total catch: 1161.10 CATCH/HOUR: 2322.20

SPECIES	CATCH/HOUR	% OF TOT. C	SAMP.NO.
	weight numbers		
Brachydeuterus auritus	783.40 6410	33.74	239
Selene dorsalis	756.00 7266	32.56	
Pteroscion pelli	430.60 7980	18.54	
Trichiurus lepturus	142.80 612	6.15	
Trachurus tereae	69.40 442	2.99	240
Boops boops	33.60 168	1.45	
Pseudolithus senegalensis	25.20 84	1.09	
Pagellus bellottii	23.20 126	1.00	
Stromateus fiatola	22.00 22	0.95	
Pomatomus saltatrix	14.80 22	0.64	
Raja miraletus	8.40 22	0.36	
Penaeus notialis	6.40 106	0.28	
Galeoides decadactylus	4.20 64	0.18	
Chilomycterus spinosus mauret.	2.20 22	0.09	
Synchiropus phaeon	0.00 22		
Total	2322.20	100.02	

PROJECT STATION: 118
DATE: 22/ 2/92 GEAR TYPE: BT No:1 POSITION: Lat N 1509 Long W 1707
start stop duration
TIME :15:25:00 15:55:00 30 (min) Purpose code: 3
LOG :7487.50 7489.00 1.50 Area code :
FDEPTH: 94 93 GearCond.code:
BDEPTH: 94 93 Validity code:
Towing dir: 223 Wire out: 400 m Speed: 30 kn*10
Sorted: 67 Kg Total catch: 67.60 CATCH/HOUR: 135.20

SPECIES	CATCH/HOUR		% OF TOT. C	SAMP.NO.
	weight	numbers		
Trachurus trecae	51.00	316	37.72	241
Trichiurus lepturus	37.00	192	27.37	
Dentex maroccanus	21.80	248	16.12	
Merluccius senegalensis	10.90	38	7.99	242
Dentex angolensis	6.00	28	4.44	
Illex coindetii	3.00	78	2.22	
Pterosciodon peli	2.00	18	1.48	
Boops boops	1.20	32	0.89	
Merluccius polli	0.60	8	0.44	
Chelidonichthys gabonensis	0.40	4	0.30	
Raja miraletus	0.40	2	0.30	
Synagropsis microlepis	0.40	28	0.30	
Lepidotrigla cadmani	0.20	2	0.15	
Zeus faber	0.20	2	0.15	
Liosaccus cutaneus	0.10	2	0.07	
Total	135.10		99.94	

PROJECT STATION: 119
DATE: 22/ 2/92 GEAR TYPE: BT No:1 POSITION: Lat N 1509 Long W 1714
start stop duration
TIME :16:47:00 17:17:00 30 (min) Purpose code: 3
LOG :7494.40 7495.90 1.50 Area code :
FDEPTH: 141 125 GearCond.code:
BDEPTH: 141 125 Validity code:
Towing dir: 220 Wire out: 650 m Speed: 30 kn*10
Sorted: 57 Kg Total catch: 157.80 CATCH/HOUR: 315.60

SPECIES	CATCH/HOUR		% OF TOT. C	SAMP.NO.
	weight	numbers		
Trachurus trecae	133.60	352	42.33	246
Merluccius senegalensis	31.90	110	10.11	244
Merluccius polli	25.30	198	8.02	243
Trichiurus lepturus	20.40	100	6.46	
Synagropsis microlepis	19.80	1882	6.27	
Dentex maroccanus	12.10	776	3.83	
Dentex macrophthalmus	9.40	110	2.98	
Trachurus trachurus	8.80	176	2.79	245
Octopus vulgaris	7.70	12	2.44	
Antigonia capros	6.00	116	1.90	
Pterothrissus bellioi	6.00	56	1.90	
Dentex angolensis	6.00	16	1.90	
Malacocephalus occidentalis	5.50	434	1.74	
Lepidotrigla carolae	3.80	258	1.20	
Illex coindetii	3.30	104	1.05	
Todaropsis eblanae	2.80	28	0.89	
Citharus linguatula	2.80	78	0.89	
Chlorophthalmus atlanticus	2.80	308	0.89	
Spicara alta	2.80	38	0.89	
Aulopus cadenati	1.10	12	0.35	
Pontinus kuhlii	1.10	12	0.35	
Zeus faber	1.10	110	0.35	
Arnoglossus imperialis	0.60	138	0.19	
Scomber japonicus	0.60	6	0.19	
Zenopsis conchifer	0.30	6	0.10	
Parapenaeus longirostris	0.00	2		
Bembrops heterurus	0.00	6		
Total	315.60		100.01	

PROJECT STATION: 120
DATE: 22/ 2/92 GEAR TYPE: BT No:1 POSITION: Lat N 1502 Long W 1718
start stop duration
TIME :18:11:00 18:41:00 30 (min) Purpose code: 3
LOG :7501.80 7503.10 1.30 Area code :
FDEPTH: 120 140 GearCond.code:
BDEPTH: 120 140 Validity code:
Towing dir: 210 Wire out: 400 m Speed: 31 kn*10
Sorted: 46 Kg Total catch: 46.35 CATCH/HOUR: 92.70

SPECIES	CATCH/HOUR		% OF TOT. C	SAMP.NO.
	weight	numbers		
Trachurus trecae	47.20	86	50.92	247
Trichiurus lepturus	16.00	40	17.26	
Merluccius senegalensis	10.00	16	10.79	248
Zenopsis conchifer	5.80	4	6.26	
Dentex macrophthalmus	4.20	26	4.53	
Dentex maroccanus	4.00	26	4.31	
Dentex angolensis	2.40	14	2.59	
Zeus faber	0.80	4	0.86	
Todaropsis eblanae	0.70	10	0.76	
Spicara alta	0.50	6	0.54	
Capros aper	0.40	16	0.43	
Trachurus trachurus	0.40	4	0.43	
Citharus linguatula	0.10	2	0.11	
Antigonia capros	0.10	4	0.11	
Illex coindetii	0.10	4	0.11	
Total	92.70		100.31	

PROJECT STATION: 121
DATE: 22/ 2/92 GEAR TYPE: BT No:1 POSITION: Lat N 1500 Long W 1715
start stop duration
TIME :19:23:00 19:44:00 21 (min) Purpose code: 3
LOG :7507.40 7508.50 1.10 Area code :
FDEPTH: 105 102 GearCond.code:
BDEPTH: 105 102 Validity code:
Towing dir: 93 Wire out: 400 m Speed: 31 kn*10
Sorted: 23 Kg Total catch: 129.65 CATCH/HOUR: 370.43

SPECIES	CATCH/HOUR		% OF TOT. C	SAMP.NO.
	weight	numbers		
Trachurus trecae	171.43	6171	46.28	249
Dentex maroccanus	34.29	700	9.26	
Brotula barbata	27.14	20	7.33	
Trachurus trecae	25.71	57	6.94	
Zeus faber	23.43	14	5.79	
Pterothrissus bellioi	20.00	171	5.40	
Chelidonichthys gabonensis	13.43	71	3.49	
Scorpaena scrofa	10.00	29	2.70	
Trichiurus lepturus	10.00	29	2.70	
Dentex macrophthalmus	10.00	100	2.70	
Merluccius senegalensis	7.14	14	1.93	
Octopus vulgaris	6.86	23	1.85	
Arnoglossus imperialis	5.71	714	1.54	
Illex coindetii	2.86	114	0.77	
Citharus linguatula	2.14	29	0.58	
Serranus cabrilla	1.43	14	0.39	
Ephippion guttifer	1.43	14	0.39	
Saurida brasiliensis	0.71	186	0.19	
Todaropsis eblanae	0.71	14	0.19	
Parapenaeus longirostris	0.00	14		
Solenocera africana	0.00	29		
Lepidotrigla carolae	0.00	29		
Total	370.42		100.02	

PROJECT STATION: 122
DATE: 22/ 2/92 GEAR TYPE: BT No:1 POSITION: Lat N 1504 Long W 1722
start stop duration
TIME :22:10:00 22:40:00 30 (min) Purpose code: 3
LOG :7526.10 7527.30 1.20 Area code :
FDEPTH: 328 308 GearCond.code:
BDEPTH: 328 308 Validity code:
Towing dir: 30 Wire out: 1000 m Speed: 30 kn*10
Sorted: 29 Kg Total catch: 224.80 CATCH/HOUR: 449.60

SPECIES	CATCH/HOUR		% OF TOT. C	SAMP.NO.
	weight	numbers		
Merluccius polli	263.20	1330	58.54	250
Nematocarcinus africanus	42.00		9.34	
Chlorophthalmus atlanticus	33.60	980	7.47	
Gephyroberyx darwini	31.00	16	6.90	
Helicolenus dactylopterus	28.00	490	6.23	
Hoplostethus cadenati	18.90	196	4.20	
Plesionika martia	7.00		1.56	
Lophiodes kempfi	5.60	2	1.25	
Pterothrissus bellioi	4.90	28	1.09	
Centrolophus niger	4.20	2	0.93	
Epigonus telescopus	3.50	42	0.78	
Malacocephalus occidentalis	2.80	14	0.62	
Lammonema laureysi	2.80	308	0.62	
MYCTOPHIDAE	1.40		0.31	
Hymenocephalus italicus	0.70		0.16	
Solenocera africana	0.00	14		
Total	449.60		100.00	

PROJECT STATION: 123
DATE: 23/ 2/92 GEAR TYPE: BT No:1 POSITION: Lat N 1452 Long W 1719
start stop duration
TIME :07:25:00 07:55:00 30 (min) Purpose code: 3
LOG :7570.40 7572.30 1.90 Area code :
FDEPTH: 93 82 GearCond.code:
BDEPTH: 93 82 Validity code:
Towing dir: 72 Wire out: 350 m Speed: 31 kn*10
Sorted: 58 Kg Total catch: 297.15 CATCH/HOUR: 594.30

SPECIES	CATCH/HOUR		% OF TOT. C	SAMP.NO.
	weight	numbers		
Dentex maroccanus	500.00		84.13	251
Zeus faber	32.50	40	5.47	
Trachurus trecae	29.00	290	4.88	252
Squatina oculata	10.60	2	1.78	
Trichiurus lepturus	7.00	30	1.18	
Raja miraletus	5.00	10	0.84	
Umbria canariensis	4.00	10	0.67	
Dentex angolensis	3.50	20	0.59	
Dentex macrophthalmus	1.50	10	0.25	
Illex coindetii	1.00	60	0.17	
Todaropsis eblanae	0.20	10	0.03	
Total	594.30		99.99	

PROJECT STATION: 124
DATE: 23/ 2/92 GEAR TYPE: BT No:1 POSITION: Lat N 1455 Long W 1720
start stop duration
TIME :09:22:00 09:52:00 30 (min) Purpose code: 3
LOG :7584.00 7585.40 1.40 Area code :
FDEPTH: 116 118 GearCond.code:
BDEPTH: 116 118 Validity code:
Towing dir: 278 Wire out: 400 m Speed: 31 kn*10
Sorted: 50 Kg Total catch: 263.30 CATCH/HOUR: 526.60

SPECIES	CATCH/HOUR		% OF TOT. C	SAMP.NO.
	weight	numbers		
Dentex maroccanus	422.00	2348	90.14	253
Dentex macrophthalmus	34.00	210	6.46	254
Trachurus trecae	15.00	90	2.85	
Zenopsis conchifer	14.00	4	2.66	
Umbria canariensis	12.00	30	2.28	
Raja miraletus	9.00	10	1.71	
Scorpaena angolensis	8.00	10	1.52	
Todaropsis eblanae	6.00	60	1.14	
Brotula barbata	4.60	2	0.87	
Trichiurus lepturus	2.00	20	0.38	
Total	526.60		100.31	

PROJECT STATION: 125									
DATE:23/ 2/92				GEAR TYPE: BT No:1		POSITION:Lat N 1455			
start		stop		duration		Long W 1726			
TIME	:10:55:00	11:05:00	10	(min)	Purpose code:	3			
LOG	:7592.40	7592.70	0.30		Area code	:			
FDEPTH:	140	140			GearCond.code:				
BDEPTH:	140	140			Validity code:				
Towing dir: 20					Wire out: 450 m Speed: 30 kn*10				
Sorted: 76 Kg		Total catch:		76.70		CATCH/HOUR:		460.20	
SPECIES									
		CATCH/HOUR		% OF TOT. C		SAMP.NO.			
		weight	numbers						
Synagrops microlepis		121.80		26.47					
Zenopsis conchifer		81.00	30	17.60					
Trachurus trectae		55.80	240	12.13		256			
Trichiurus lepturus		49.20	24	10.69					
Dentex maroccanus		38.40	354	8.34					
Merluccius senegalensis		38.40	102	8.34		258			
Trachurus trachurus		25.80	60	5.61		255			
Dentex macrophthalmus		13.20	36	2.87					
Merluccius polli		7.80	54	1.69		257			
Raja miraletus		6.00	6	1.30					
Zeus faber		4.50	18	0.98					
Pterothrissus belloci		4.20	36	0.91					
Todaropsis eblanae		3.60	30	0.78					
Pontinus kuhlii		2.40	18	0.52					
Citharus linguatula		1.80	30	0.39					
Umbrina canariensis		1.80	6	0.39					
Illex coindetii		1.20	18	0.26					
Lepidotrigla cadmani		1.20	12	0.26					
Branchiostegus semifasciatus		0.90	6	0.20					
Spicara alba		0.90	6	0.20					
Monoleone microstoma		0.30	6	0.07					
Lepidotrigla carolae		0.00	6						
Capros aper		0.00	6						
Antigonia capros		0.00	6						
Total		460.20		100.00					
PROJECT STATION: 126									
DATE:23/ 2/92				GEAR TYPE: BT No:1		POSITION:Lat N 1448			
start		stop		duration		Long W 1733			
TIME	:12:47:00	13:17:00	30	(min)	Purpose code:	3			
LOG	:7605.70	7607.00	1.30		Area code	:			
FDEPTH:	117	104			GearCond.code:				
BDEPTH:	117	104			Validity code:				
Towing dir: 220					Wire out: 550 m Speed: 30 kn*10				
Sorted: 88 Kg		Total catch:		322.80		CATCH/HOUR:		645.60	
SPECIES									
		CATCH/HOUR		% OF TOT. C		SAMP.NO.			
		weight	numbers						
Trachurus trectae		223.00	1026	34.54		259			
Trachurus trachurus		159.20	360	24.66		260			
Trichiurus lepturus		58.00	140	8.98					
Dentex maroccanus		51.20	374	7.93		262			
Merluccius senegalensis		32.20	96	4.99		261			
Zenopsis conchifer		30.80	22	4.77					
Squatina oculata		22.80	8	3.53					
Synagrops microlepis		14.60	1422	2.26					
Boops boops		14.60	74	2.26					
Umbrina canariensis		14.60	30	2.26					
Raja straeleni		11.00	8	1.70					
Scorpaena angolensis		6.60	22	1.02					
Pterothrissus belloci		3.60	30	0.56					
Illex coindetii		3.00	80	0.46					
Todaropsis eblanae		0.40	8	0.06					
Total		645.60		99.98					
PROJECT STATION: 127									
DATE:23/ 2/92				GEAR TYPE: BT No:1		POSITION:Lat N 1226			
start		stop		duration		Long W 1713			
TIME	:18:58:00	19:26:00	28	(min)	Purpose code:	3			
LOG	:7656.80	7658.10	1.30		Area code	:			
FDEPTH:	29	30			GearCond.code:				
BDEPTH:	29	30			Validity code:				
Towing dir: 180					Wire out: 150 m Speed: 36 kn*10				
Sorted: 27 Kg		Total catch:		27.70		CATCH/HOUR:		59.36	
SPECIES									
		CATCH/HOUR		% OF TOT. C		SAMP.NO.			
		weight	numbers						
Spondyliosoma cantharus		31.07	118	52.34					
Pagellus bellottii		6.64	45	11.19					
Acanthurus monroviae		5.36	6	9.03					
Allotautis africana		3.64		6.13					
Trichiurus lepturus		3.43	6	5.78					
Plectorhynchus mediterraneus		2.79	2	4.70					
Pomadasys incisus		2.14	13	3.61					
Boops boops		1.50	30	2.53					
Torpedo torpedo		0.86	2	1.45					
Dactylopterus volitans		0.86	2	1.45					
Sparus caeruleostictus		0.43	2	0.72					
Diplodus vulgaris		0.32	2	0.54					
Chaetodon hoefleri		0.21	2	0.35					
Dicologlossa cuneata		0.11	2	0.19					
Total		59.36		100.01					
PROJECT STATION: 128									
DATE:23/ 2/92				GEAR TYPE: BT No:1		POSITION:Lat N 1425			
start		stop		duration		Long W 1734			
TIME	:22:28:00	22:58:00	30	(min)	Purpose code:	3			
LOG	:7684.20	7685.30	1.10		Area code	:			
FDEPTH:	238	232			GearCond.code:				
BDEPTH:	238	232			Validity code:				
Towing dir: 360					Wire out: 750 m Speed: 30 kn*10				
Sorted: 29 Kg		Total catch:		148.75		CATCH/HOUR:		297.50	
SPECIES									
		CATCH/HOUR		% OF TOT. C		SAMP.NO.			
		weight	numbers						
Merluccius polli		125.00	380	42.02		263			
Chlorophthalmus atlanticus		82.00	1864	27.56					
Parapeneus longirostris		46.00	9200	15.46					
Zenopsis conchifer		19.00	40	6.39					
Trigla lyra		6.50	30	2.18					
Brotula barbata		4.00	10	1.34					
Pterothrissus belloci		3.50	30	1.18					
Synagrops microlepis		2.50	240	0.84					
MYCTOPHIDAE		1.50	380	0.50					
Aulopus cadenati		1.50	10	0.50					
Solenocera africana		1.00		0.34					
OPHIDIIDAE		1.00	80	0.34					
Todaropsis eblanae		1.00	10	0.34					
Pontinus kuhlii		1.00	30	0.34					
Helicolenus dactylopterus		1.00	150	0.34					
Malacocephalus occidentalis		0.50	10	0.17					
Epigonus telescopus		0.50	10	0.17					
GALATHEIDAE		0.00	100						
Total		297.50		100.01					

DATE:24/ 2/92						GEAR TYPE: BT No:1		PROJECT STATION: 129		
start		stop		duration		POSITION:Lat N 1416		Long W 1731		
TIME	:07:19:00	07:50:00	31	(min)	Purpose code:	3				
LOG	:7701.80	7703.10	1.30		Area code	:				
FDEPTH:	120	117			GearCond.code:					
BDEPTH:	120	117			Validity code:					
Towing dir: 180					Wire out: 450 m	Speed: 30 kn*10				
Sorted: 53 Kg		Total catch:		53.75	CATCH/HOUR:	104.03				
SPECIES						CATCH/HOUR	% OF TOT. C	SAMP.NO.		
						weight	numbers			
Dentex macropthalmus						49.94	244	48.01	264	
Zenopsis conchifer						17.42	12	16.75		
Trachurus trecae						11.42	23	10.98	265	
Zeus faber						10.84	10	10.42		
Chlorophthalmus atlanticus						5.81	184	5.58		
Dentex maroccanus						2.52	37	2.42		
Trichiurus lepturus						1.94	4	1.86		
Scomber japonicus						1.74	2	1.67		
Antigonia capros						0.87	50	0.84		
Spicara alta						0.77	10	0.74		
Todaropsis eblanae						0.29	2	0.28		
Sepia bertheloti						0.19	2	0.18		
OPHIDIIDAE						0.19	15	0.18		
Illex coindetii						0.10	2	0.10		
Aulopus cadenati						0.00	6			
Pontinus kuhlii						0.00	2			
Peristedion cataphractum						0.00	4			
Chascanopsetta lugubris						0.00	2			
Synchiropus phaeton						0.00	2			
Capros aper						0.00	4			
Total						104.04	100.01			
DATE:24/ 2/92						GEAR TYPE: BT No:1		PROJECT STATION: 130		
start		stop		duration		POSITION:Lat N 1417		Long W 1722		
TIME	:09:17:00	09:47:00	30	(min)	Purpose code:	3				
LOG	:7714.50	7715.70	1.20		Area code	:				
FDEPTH:	59	58			GearCond.code:					
BDEPTH:	59	58			Validity code:					
Towing dir: 180					Wire out: 300 m	Speed: 33 kn*10				
Sorted: 169 Kg		Total catch:		169.35	CATCH/HOUR:	338.70				
SPECIES						CATCH/HOUR	% OF TOT. C	SAMP.NO.		
						weight	numbers			
Boops boops						199.60	2120	58.93		
Mycteroperca rubra						25.00	8	7.38		
Plectorhynchus mediterraneus						14.80	22	4.37		
Decapterus rhonchus						12.00	36	3.54	266	
Dentex canariensis						10.40	24	3.07		
Pagellus bellottii						10.00	66	2.95		
Sparus pagrus africanus						9.60	6	2.83		
Zeus faber						9.20	12	2.72		
Epinephelus alexandrinus						8.80	10	2.60		
Dentex gibbosus						8.20	16	2.42		
Zenopsis conchifer						7.80	2	2.30		
Epinephelus aeneus						6.80	2	2.01		
Dentex maroccanus						5.80	60	1.71		
Pomadasys incisus						5.20	24	1.54		
Parapristipoma octolineatum						1.20	4	0.35		
Spondyllosoma cantharus						1.20	2	0.35		
Diplodus cervinus cervinus						0.80	2	0.24		
Pseudupeneus prayensis						0.60	4	0.18		
Chaetodon hoefleri						0.60	4	0.18		
Ephippion guttifer						0.40	2	0.12		
Trachurus trecae						0.40	10	0.12		
Trachurus trachurus						0.20	4	0.06		
Scorpaena stephanica						0.10	2	0.03		
Total						338.70	100.00			
DATE:24/ 2/92						GEAR TYPE: BT No:1		PROJECT STATION: 131		
start		stop		duration		POSITION:Lat N 1416		Long W 1715		
TIME	:10:55:00	11:25:00	30	(min)	Purpose code:	3				
LOG	:7723.70	7725.10	1.40		Area code	:				
FDEPTH:	35	34			GearCond.code:					
BDEPTH:	35	34			Validity code:					
Towing dir: 180					Wire out: 150 m	Speed: 30 kn*10				
Sorted: 55 Kg		Total catch:		165.90	CATCH/HOUR:	331.80				
SPECIES						CATCH/HOUR	% OF TOT. C	SAMP.NO.		
						weight	numbers			
Trachurus trecae						258.60	1962	77.94	267	
Spondyllosoma cantharus						55.20	96	16.64		
Scomber japonicus						18.00	108	5.42	268	
Total						331.80	100.00			
DATE:24/ 2/92						GEAR TYPE: BT No:1		PROJECT STATION: 132		
start		stop		duration		POSITION:Lat N 1415		Long W 1710		
TIME	:12:21:00	12:51:00	30	(min)	Purpose code:	3				
LOG	:7732.30	7733.40	1.10		Area code	:				
FDEPTH:	23	23			GearCond.code:					
BDEPTH:	23	23			Validity code:					
Towing dir: 180					Wire out: 100 m	Speed: 20 kn*10				
Sorted: 7 Kg		Total catch:		7.20	CATCH/HOUR:	14.40				
SPECIES						CATCH/HOUR	% OF TOT. C	SAMP.NO.		
						weight	numbers			
Pagellus bellottii						7.30	274	50.69		
Trachurus trecae						2.20	20	15.28		
Sparus caeruleostictus						2.00	76	13.89		
Plectorhynchus mediterraneus						1.00	2	6.94		
Diplodus bellottii						0.90	10	6.25		
Pomadasys incisus						0.50	8	3.47		
Trichiurus lepturus						0.50	2	3.47		
Decapterus rhonchus						0.00	2			
Total						14.40	99.99			

PROJECT STATION: 133
DATE: 24/ 2/92 GEAR TYPE: BT No:1 POSITION: Lat N 1405 Long W 1708
start stop duration
TIME :14:27:00 14:57:00 30 (min) Purpose code: 3
LOG :7746.70 7748.40 1.70 Area code :
FDEPTH: 25 26 GearCond.code:
BDEPTH: 25 26 Validity code:
Towing dir: 340 Wire out: 150 m Speed: 32 kn*10
Sorted: 57 Kg Total catch: 142.80 CATCH/HOUR: 285.60

SPECIES	CATCH/HOUR		% OF TOT. C	SAMP.NO.
	weight	numbers		
Boops boops	173.00	3256	60.57	269
Trachurus tereae	97.00	2032	33.96	
Pagellus bellottii	6.60	76	2.31	
Sarda sarda	5.00	6	1.75	
Sarpa salpa	1.76	6	0.62	
Pomadasyss incisus	1.50	20	0.53	
Sparus caeruleostictus	0.50	10	0.18	
Epinephelus alexandrinus	0.20	6	0.07	
Decapterus rhonchus	0.00	6		
Total	285.56		99.99	

PROJECT STATION: 138
DATE: 26/ 2/92 GEAR TYPE: BT No:1 POSITION: Lat N 1344 Long W 1725
start stop duration
TIME :07:22:00 07:52:00 30 (min) Purpose code: 3
LOG :8041.20 8042.40 1.20 Area code :
FDEPTH: 89 87 GearCond.code:
BDEPTH: 89 87 Validity code:
Towing dir: 150 Wire out: 400 m Speed: 33 kn*10
Sorted: 49 Kg Total catch: 271.50 CATCH/HOUR: 543.00

SPECIES	CATCH/HOUR		% OF TOT. C	SAMP.NO.	
	weight	numbers			
Dentex maroccanus	329.00	2750	60.59	274	
Erythrocles monodi	35.00	280	17.50		
Scorpaena scrofa	20.50	20	3.78		
Epinephelus aeneus	18.40	2	3.39		
Umbra canariensis	18.00	40	3.31		
Brama brama	17.80	2	3.28		
Sparus pagrus africanus	17.00	40	3.13		
Boops boops	7.00	50	1.29		
Myxeroperca rubra	6.60	2	1.22		
Dentex macrophthalmus	6.00	60	1.10		
Epinephelus alexandrinus	5.40	2	0.99		
Zeus faber	2.00	40	0.37		
Adicoryx hastatus	0.30	2	0.06		
Total	543.00		100.01		

PROJECT STATION: 134
DATE: 24/ 2/92 GEAR TYPE: BT No:1 POSITION: Lat N 1404 Long W 1719
start stop duration
TIME :16:15:00 16:45:00 30 (min) Purpose code: 3
LOG :7758.20 7759.40 1.20 Area code :
FDEPTH: 64 61 GearCond.code:
BDEPTH: 64 61 Validity code:
Towing dir: 200 Wire out: 350 m Speed: 26 kn*10
Sorted: 53 Kg Total catch: 53.40 CATCH/HOUR: 106.80

SPECIES	CATCH/HOUR		% OF TOT. C	SAMP.NO.
	weight	numbers		
Plectorhinchus mediterraneus	22.00	100	20.60	99.93
Pagellus bellottii	15.60	112	14.61	
Dentex canariensis	15.40	30	14.42	
Boops boops	12.80	120	11.99	
Myxeroperca rubra	9.00	2	8.43	
Dentex gibbosus	6.80	14	6.37	
Pomadasyss jubeini	5.70	32	5.34	
Sparus caeruleostictus	4.80	6	4.49	
Zeus faber	4.00	8	3.75	
Mustelus mustelus	3.00	2	2.81	
Spondyllosoma cantharus	1.60	2	1.50	
Pseudupeneus prayensis	1.40	12	1.31	
Trachurus tereae	1.00	26	0.94	
Chaetodon boefferi	1.00	6	0.94	
Decapterus rhonchus	0.80	2	0.75	
Sparus pagrus africanus	0.80	4	0.75	
Todaropsis eblanae	0.40	4	0.37	
Anthias anthias	0.40	20	0.37	
Chelidonichthys gabonensis	0.20	2	0.19	
Total	106.70		99.93	

PROJECT STATION: 139
DATE: 26/ 2/92 GEAR TYPE: BT No:1 POSITION: Lat N 1345 Long W 1715
start stop duration
TIME :09:48:00 10:18:00 30 (min) Purpose code: 3
LOG :8055.70 8057.00 1.30 Area code :
FDEPTH: 45 46 GearCond.code:
BDEPTH: 45 46 Validity code:
Towing dir: 175 Wire out: 200 m Speed: 35 kn*10
Sorted: 55 Kg Total catch: 55.55 CATCH/HOUR: 111.10

SPECIES	CATCH/HOUR		% OF TOT. C	SAMP.NO.
	weight	numbers		
Boops boops	63.20		56.89	275
Epinephelus aeneus	17.40	2	15.66	
Pagellus bellottii	7.00	74	6.30	
Octopus vulgaris	6.00	4	5.40	
Zeus faber	3.10	8	2.79	
Dentex canariensis	2.80	6	2.52	
Spondyllosoma cantharus	2.10	6	1.89	
Pseudupeneus prayensis	1.90	32	1.71	
Acanthurus marcviae	1.50	2	1.35	
Epinephelus alexandrinus	1.40	2	1.26	
Chaetodon boefferi	1.30	8	1.17	
Sparus caeruleostictus	0.70	2	0.63	
Citharus linguatula	0.60	4	0.54	
Decapterus punctatus	0.60	30	0.54	
Allotautis africana	0.40	160	0.36	
Chelidonichthys gabonensis	0.40	6	0.36	
Trachinocephalus myops	0.30	2	0.27	
Trachurus trachurus	0.20	4	0.18	
Anthias anthias	0.10	2	0.09	
Chaetodon robustus	0.10	2	0.09	
Sphoeroides spengleri	0.00	2		
Total	111.10		100.00	

PROJECT STATION: 135
DATE: 24/ 2/92 GEAR TYPE: BT No:1 POSITION: Lat N 1404 Long W 1732
start stop duration
TIME :18:12:00 18:42:00 30 (min) Purpose code: 3
LOG :7770.20 7771.60 1.40 Area code :
FDEPTH: 137 188 GearCond.code:
BDEPTH: 137 188 Validity code:
Towing dir: 150 Wire out: 500 m Speed: 32 kn*10
Sorted: 22 Kg Total catch: 22.30 CATCH/HOUR: 44.60

SPECIES	CATCH/HOUR		% OF TOT. C	SAMP.NO.
	weight	numbers		
Zenopsis conchifer	40.40	14	90.58	100.00
Plectorhinchus mediterraneus	4.00	6	8.97	
Illex coindetii	0.20	6	0.45	
Chlorophthalmus atlanticus	0.00	2		
Total	44.60		100.00	

PROJECT STATION: 140
DATE: 26/ 2/92 GEAR TYPE: BT No:1 POSITION: Lat N 1345 Long W 1705
start stop duration
TIME :11:31:00 12:01:00 30 (min) Purpose code: 3
LOG :8066.90 8068.40 1.50 Area code :
FDEPTH: 26 23 GearCond.code:
BDEPTH: 26 23 Validity code:
Towing dir: 100 Wire out: 150 m Speed: 30 kn*10
Sorted: 60 Kg Total catch: 395.60 CATCH/HOUR: 791.20

SPECIES	CATCH/HOUR		% OF TOT. C	SAMP.NO.
	weight	numbers		
Trachurus tereae	612.30	19864	77.39	276
Boops boops	110.50	2484	13.97	
Pagellus bellottii	50.70	1508	6.41	
Sardinella aurita	10.40	182	1.31	
Scomber japonicus	2.60	26	0.33	
Sparus caeruleostictus	1.96	38	0.25	
Balistes punctatus	1.40	2	0.18	
Pomadasyss incisus	1.30	14	0.16	
Total	791.16		100.00	

PROJECT STATION: 136
DATE: 25/ 2/92 GEAR TYPE: PT No:1 POSITION: Lat N 1411 Long W 1718
start stop duration
TIME :23:10:00 23:35:00 25 (min) Purpose code: 1
LOG :8005.30 8006.80 1.50 Area code :
FDEPTH: 20 20 GearCond.code:
BDEPTH: 45 48 Validity code:
Towing dir: 333 Wire out: 100 m Speed: 45 kn*10
Sorted: 19 Kg Total catch: 19.90 CATCH/HOUR: 47.76

SPECIES	CATCH/HOUR		% OF TOT. C	SAMP.NO.
	weight	numbers		
Sardinella maderensis	19.92	65	41.71	277
Trachurus tereae	12.72	329	26.63	
Trichurus lepturus	9.84	17	20.60	
Sardinella aurita	5.28	17	11.06	
Total	47.76		100.00	

PROJECT STATION: 141
DATE: 26/ 2/92 GEAR TYPE: BT No:1 POSITION: Lat N 1349 Long W 1701
start stop duration
TIME :12:57:00 13:27:00 30 (min) Purpose code: 3
LOG :8075.20 8076.60 1.40 Area code :
FDEPTH: 17 17 GearCond.code:
BDEPTH: 17 17 Validity code:
Towing dir: 350 Wire out: 100 m Speed: 29 kn*10
Sorted: 32 Kg Total catch: 32.40 CATCH/HOUR: 64.80

SPECIES	CATCH/HOUR		% OF TOT. C	SAMP.NO.
	weight	numbers		
Plectorhinchus mediterraneus	35.00	84	54.01	100.00
Pomadasyss incisus	9.40	94	14.51	
Boops boops	4.90	168	7.56	
Myxeroperca rubra	4.60	2	7.10	
Spondyllosoma cantharus	4.00	32	6.17	
Sparus caeruleostictus	3.80	50	5.86	
Octopus vulgaris	1.40	2	2.16	
Pseudupeneus prayensis	0.50	4	0.77	
Prigacanthus arenatus	0.40	2	0.62	
Chaetodon boefferi	0.20	2	0.31	
Pagellus bellottii	0.20	8	0.31	
Lutjanus fulgens	0.20	8	0.31	
Decapterus punctatus	0.20	12	0.31	
Total	64.80		100.00	

PROJECT STATION: 137
DATE: 26/ 2/92 GEAR TYPE: BT No:1 POSITION: Lat N 1350 Long W 1728
start stop duration
TIME :02:34:00 03:04:00 30 (min) Purpose code: 3
LOG :8029.00 8030.40 1.40 Area code :
FDEPTH: 304 353 GearCond.code:
BDEPTH: 304 353 Validity code:
Towing dir: 165 Wire out: 1000 m Speed: 25 kn*10
Sorted: 20 Kg Total catch: 20.20 CATCH/HOUR: 40.40

SPECIES	CATCH/HOUR		% OF TOT. C	SAMP.NO.	
	weight	numbers			
Merluccius senegalensis	24.60	212	60.89	273	
Parapenaeus longirostris	10.60	1326	26.24		
Chlorophthalmus atlanticus	2.20	148	5.45		
Gephyroberyx darwini	1.20	2	2.97		
SOLEIDAE	0.80	210	1.98		
Conger conger	0.40	4	0.99		
Pterothrissus belloci	0.40	2	0.99		
Synagrops microlepis	0.20	12	0.50		
Total	40.40		100.01		

PROJECT STATION: 142
DATE:26/ 2/92 GEAR TYPE: BT No:1 POSITION:Lat N 1355
start stop duration Long W 1704
TIME :14:19:00 14:49:00 30 (min) Purpose code: 3
LOG :8083.20 8084.60 1.40 Area code :
FDEPTH: 25 28 GearCond.code:
BDEPTH: 25 28 Validity code:
Towing dir: 270 Wire out: 150 m Speed: 27 kn*10
Sorted: 80 Kg Total catch: 1345.00 CATCH/HOUR: 2690.00

SPECIES	CATCH/HOUR		% OF TOT. C	SAMP.NO.
	weight	numbers		
Trachurus trecae	2333.34	69200	86.74	278
Boops boops	293.34	5166	10.90	
Sardinella aurita	30.00	600	1.12	279
Plectorhinchus mediterraneus	26.66	66	0.99	
Pomadasys incisus	6.66	34	0.25	
Total	2690.00		100.00	

PROJECT STATION: 143
DATE:26/ 2/92 GEAR TYPE: BT No:1 POSITION:Lat N 1355
start stop duration Long W 1714
TIME :15:52:00 16:02:00 10 (min) Purpose code: 3
LOG :8092.30 8092.90 0.60 Area code :
FDEPTH: 42 43 GearCond.code:
BDEPTH: 42 43 Validity code:
Towing dir: 280 Wire out: 250 m Speed: 30 kn*10
Sorted: 68 Kg Total catch: 228.30 CATCH/HOUR: 1369.80

SPECIES	CATCH/HOUR		% OF TOT. C	SAMP.NO.
	weight	numbers		
Trachurus trecae	711.30	6234	51.93	280
Boops boops	609.42	13080	44.49	
Dentex canariensis	19.98	60	1.46	
Bodianus speciosus	10.02	18	0.73	
Zeus faber	10.02	42	0.73	
Plectorhinchus mediterraneus	6.00	18	0.44	
Decapterus punctatus	1.98	42	0.14	
Pseudupeneus prayensis	1.02	18	0.07	
Total	1369.74		99.99	

PROJECT STATION: 144
DATE:26/ 2/92 GEAR TYPE: BT No:1 POSITION:Lat N 1355
start stop duration Long W 1725
TIME :17:26:00 17:56:00 30 (min) Purpose code: 3
LOG :8103.40 8104.90 1.50 Area code :
FDEPTH: 90 83 GearCond.code:
BDEPTH: 90 83 Validity code:
Towing dir: 360 Wire out: 450 m Speed: 31 kn*10
Sorted: 25 Kg Total catch: 25.70 CATCH/HOUR: 51.40

SPECIES	CATCH/HOUR		% OF TOT. C	SAMP.NO.
	weight	numbers		
Dentex maroccanus	36.40	512	70.82	281
Zeus faber	5.60	14	10.89	
Sepia officinalis hierredda	2.80	6	5.45	
Octopus vulgaris	2.20	8	4.28	
Sphoeroides spengleri	1.80	4	3.50	
Chelidonichthys gabonensis	0.80	10	1.56	
Illex coindetii	0.80	32	1.56	
Trachurus trachurus	0.50	12	0.97	
Trachurus trecae	0.20	2	0.39	
Lepidotrigla carolae	0.20	8	0.39	
Lepidotrigla cadmani	0.10	2	0.19	
Dicologlossa cuneata	0.00	2		
Total	51.40		100.00	

PROJECT STATION: 145
DATE:26/ 2/92 GEAR TYPE: BT No:1 POSITION:Lat N 1404
start stop duration Long W 1728
TIME :19:45:00 20:10:00 25 (min) Purpose code: 3
LOG :8120.10 8121.20 1.10 Area code :
FDEPTH: 95 93 GearCond.code:
BDEPTH: 95 93 Validity code:
Towing dir: 180 Wire out: 500 m Speed: 35 kn*10
Sorted: 32 Kg Total catch: 32.20 CATCH/HOUR: 77.28

SPECIES	CATCH/HOUR		% OF TOT. C	SAMP.NO.
	weight	numbers		
Miscellaneous fishes	36.00		46.58	
Trachurus trecae	35.28	180	45.65	283
Trachurus trachurus	6.00	122	7.76	282
Total	77.28		99.99	

PROJECT STATION: 146
DATE:26/ 2/92 GEAR TYPE: PT No:3 POSITION:Lat N 1403
start stop duration Long W 1728
TIME :20:55:00 21:15:00 20 (min) Purpose code: 1
LOG :8122.80 8124.20 1.40 Area code :
FDEPTH: 93 97 GearCond.code:
BDEPTH: 93 97 Validity code:
Towing dir: 360 Wire out: 150 m Speed: 44 kn*10
Sorted: 36 Kg Total catch: 36.10 CATCH/HOUR: 108.30

SPECIES	CATCH/HOUR		% OF TOT. C	SAMP.NO.
	weight	numbers		
Sphyrna zygaena	42.00	3	38.78	
Sphyrna lewini	24.00	3	22.16	
Trichiurus lepturus	23.10	30	21.33	
Scomber japonicus	8.40	24	7.76	285
Trachurus trecae	7.20	27	6.65	284
Mugil cephalus	3.30	3	3.05	
Sphoeroides spengleri	0.30	6	0.28	
Total	108.30		100.01	

PROJECT STATION: 147
DATE:26/ 2/92 GEAR TYPE: BT No:1 POSITION:Lat N 1414
start stop duration Long W 1733
TIME :23:08:00 23:42:00 34 (min) Purpose code: 3
LOG :8137.50 8139.20 1.70 Area code :
FDEPTH: 266 286 GearCond.code:
BDEPTH: 266 286 Validity code:
Towing dir: 170 Wire out: 900 m Speed: 31 kn*10
Sorted: 27 Kg Total catch: 112.30 CATCH/HOUR: 198.18

SPECIES	CATCH/HOUR		% OF TOT. C	SAMP.NO.
	weight	numbers		
Zenopsis conchifer	69.71	62	35.18	
Chlorophthalmus atlanticus	40.59	1200	20.48	
Merluccius polli	32.29	256	16.29	286
GALATHEIDAE	16.76	2802	8.46	
Merluccius senegalensis	10.24	9	5.17	
Brotula barbata	5.82	9	2.94	
Parapenaeus longirostris	4.06	547	2.05	
Helicolenus dactylopterus	3.53	406	1.78	
OPHIDIIDAE	3.18	159	1.60	
Lophius budegassa	2.65	26	1.34	
Malacocephalus laevis	2.29	44	1.16	
MYCTOPHIDAE	1.76		0.89	
Pontinus kuhlii	1.76	44	0.89	
Malacocephalus occidentalis	1.41	26	0.71	
Synagrops microlepis	0.53	35	0.27	
Sepia elegans	0.53	26	0.27	
Chascanopsetta lugubris	0.53	26	0.27	
Epigonus telescopus	0.53	9	0.27	
Solenocera africana	0.00	44		
Total	198.17		100.02	

PROJECT STATION: 148
DATE:27/ 2/92 GEAR TYPE: BT No:1 POSITION:Lat N 1418
start stop duration Long W 1733
TIME :01:39:00 02:09:00 30 (min) Purpose code: 3
LOG :8151.20 8152.60 1.40 Area code :
FDEPTH: 344 330 GearCond.code:
BDEPTH: 344 330 Validity code:
Towing dir: 170 Wire out:1050 m Speed: 29 kn*10
Sorted: 24 Kg Total catch: 73.70 CATCH/HOUR: 147.40

SPECIES	CATCH/HOUR		% OF TOT. C	SAMP.NO.
	weight	numbers		
Merluccius polli	39.00	288	26.46	287
GALATHEIDAE	27.00	13500	18.32	
Chlorophthalmus atlanticus	19.80	396	13.43	
Parapenaeus longirostris	11.40	1734	7.73	
Paracubiceps ledanosii	10.20	114	6.92	
Malacocephalus occidentalis	10.20	240	6.92	
Zenopsis conchifer	8.40	12	5.70	
Loligo vulgaris	5.40	12	3.66	
SCORPAENIDAE	5.40	252	3.66	
Lophodes kempi	3.60	24	2.44	
Pterothrissus belloci	1.80	12	1.22	
Chlorophthalmus fraseri	1.50	162	1.02	
MYCTOPHIDAE	1.20		0.81	
Melanonius gracilis	1.20	174	0.81	
CONGRIDAE	0.60	30	0.41	
Synagrops microlepis	0.60	30	0.41	
Total	147.30		99.92	

PROJECT STATION: 149
DATE:28/ 2/92 GEAR TYPE: BT No:1 POSITION:Lat N 1401
start stop duration Long W 1729
TIME :15:28:00 16:03:00 35 (min) Purpose code: 1
LOG :8227.00 8228.30 1.30 Area code :
FDEPTH: 136 163 GearCond.code:
BDEPTH: 136 163 Validity code:
Towing dir: 175 Wire out: 600 m Speed: 24 kn*10
Sorted: 32 Kg Total catch: 217.90 CATCH/HOUR: 373.54

SPECIES	CATCH/HOUR		% OF TOT. C	SAMP.NO.
	weight	numbers		
Zenopsis conchifer	149.66	57	40.07	
Chlorophthalmus atlanticus	147.43	526	39.47	
Dentex macrophthalms	32.23	123	8.63	
Zeus faber	22.63	75	6.06	
Raja alba	6.86	7	1.84	
Antigonia capros	4.80	206	1.29	
Capros aper	4.11	130	1.10	
Scyllorhinus canicula	2.06	7	0.55	
Spicara alta	2.06	21	0.55	
Aulopus cadenati	1.37	7	0.37	
Scorpaena normani	0.34	7	0.09	
Total	373.55		100.02	

PROJECT STATION: 150
DATE:28/ 2/92 GEAR TYPE: BT No:1 POSITION:Lat N 1342
start stop duration Long W 1726
TIME :18:40:00 19:10:00 30 (min) Purpose code: 3
LOG :8249.30 8250.70 1.40 Area code :
FDEPTH: 115 145 GearCond.code:
BDEPTH: 115 145 Validity code:
Towing dir: 350 Wire out: 450 m Speed: 28 kn*10
Sorted: 57 Kg Total catch: 57.85 CATCH/HOUR: 115.70

SPECIES	CATCH/HOUR		% OF TOT. C	SAMP.NO.
	weight	numbers		
Dentex macrophthalms	60.00	346	51.86	288
Zenopsis conchifer	10.40	4	8.99	
Sepia officinalis hierredda	10.00	16	8.64	
Zeus faber	7.20	16	6.22	
Trachurus trecae	5.40	10	4.67	
Merluccius senegalensis	5.00	16	4.32	
Erythrocles monodi	3.80	8	3.28	
Anthias squamipinnis	3.20	182	2.77	289
Spicara alta	2.20	24	1.90	
Dentex maroccanus	2.00	28	1.73	
Pterothrissus belloci	1.80	12	1.56	
Raja miraletus	1.60	2	1.38	
Todaropsis eblanae	1.40	20	1.21	
Aulopus cadenati	1.00	56	0.86	
Arnoglossus capensis	0.60	20	0.52	
Umbrina canariensis	0.10	2	0.09	
Malacocephalus occidentalis	0.00	2		
Total	115.70		100.00	

PROJECT STATION: 151
DATE: 29/ 2/92 GEAR TYPE: BT No:1 POSITION: Lat N 1324 Long W 1708
TIME : 07:19:00 07:50:00 31 (min) Purpose code: 3
LOG : 8339.80 8341.40 1.50 Area code :
FDEPTH: 32 32 GearCond.code:
BDEPTH: 32 32 Validity code:
Towing dir: 150 Wire out: 150 m Speed: 37 kn*10
Sorted: 27 Kg Total catch: 219.50 CATCH/HOUR: 424.84

SPECIES	CATCH/HOUR		% OF TOT. C	SAMP.NO.
	weight	numbers		
Brachydeuterus auritus	297.29	4879	69.98	291
Trachurus tereae	114.58	5104	25.97	292
Sardinella aurita	4.84	106	1.14	290
Pagellus bellottii	3.87	93	0.91	
Boops boops	3.87	77	0.91	
Scomber japonicus	0.39	2	0.09	
Total	424.84		100.00	

PROJECT STATION: 155
DATE: 1/ 3/92 GEAR TYPE: BT No:1 POSITION: Lat N 1319 Long W 1710
TIME : 00:25:00 00:43:00 20 (min) Purpose code: 1
LOG : 8471.50 8472.20 0.70 Area code :
FDEPTH: 34 34 GearCond.code:
BDEPTH: 34 34 Validity code:
Towing dir: 235 Wire out: 150 m Speed: 30 kn*10
Sorted: 62 Kg Total catch: 1149.10 CATCH/HOUR: 3447.30

SPECIES	CATCH/HOUR		% OF TOT. C	SAMP.NO.
	weight	numbers		
Trachurus tereae	2608.50	58998	75.67	296
Brachydeuterus auritus	466.20	6862	13.52	
Boops boops	233.10	3273	6.76	
Pagellus bellottii	105.50	1278	3.06	
Pomadasys incisus	16.80	168	0.49	
Cynoglossus monodi	5.70	111	0.17	
Pseudupeneus prayensis	5.70	57	0.17	
Dentex gibbosus	5.70	57	0.17	
Total	3447.30		100.01	

PROJECT STATION: 152
DATE: 29/ 2/92 GEAR TYPE: BT No:1 POSITION: Lat N 1325 Long W 1727
TIME : 10:08:00 10:38:00 30 (min) Purpose code: 3
LOG : 8360.00 8361.40 1.40 Area code :
FDEPTH: 89 89 GearCond.code:
BDEPTH: 89 89 Validity code:
Towing dir: 170 Wire out: 400 m Speed: 34 kn*10
Sorted: 93 Kg Total catch: 93.30 CATCH/HOUR: 186.60

SPECIES	CATCH/HOUR		% OF TOT. C	SAMP.NO.
	weight	numbers		
Sparus pagrus africanus	53.00	82	28.40	293
Dentex gibbosus	35.80	10	19.19	
Dentex macrophthalmus	25.40	3506	13.61	
Zeus faber	17.60	18	9.43	
Sparus auriga	13.20	2	7.07	
Miracorvina angolensis	11.80	6	6.32	
Scorpaena scrofa	11.20	14	6.00	
Mycteroperca rubra	7.60	2	4.07	
Sepia officinalis hierredda	4.20	4	2.25	
Illex coindetii	2.20	230	1.18	
Dentex maroccanus	2.00	42	1.07	
Adiorpax hastatus	1.00	4	0.54	
Chaetodon boefferi	0.80	6	0.43	
Todaropsis eblanæ	0.40	16	0.21	
Allotautis africana	0.20	132	0.11	
Anthias anthias	0.10	10	0.05	
Total	186.50		99.93	

PROJECT STATION: 156
DATE: 1/ 3/92 GEAR TYPE: BT No:1 POSITION: Lat N 1326 Long W 1700
TIME : 02:55:00 03:25:00 30 (min) Purpose code: 3
LOG : 8486.80 8488.00 1.20 Area code :
FDEPTH: 14 15 GearCond.code:
BDEPTH: 14 15 Validity code:
Towing dir: 30 Wire out: 100 m Speed: 30 kn*10
Sorted: 28 Kg Total catch: 491.70 CATCH/HOUR: 983.40

SPECIES	CATCH/HOUR		% OF TOT. C	SAMP.NO.
	weight	numbers		
Brachydeuterus auritus	414.80	20740	42.18	
Pagellus bellottii	357.00	7934	36.30	
Trachurus tereae	142.80	4182	14.52	297
Sepia officinalis hierredda	57.80	136	5.88	
Cynoglossus monodi	3.40	34	0.35	
Galeoides decadactylus	3.40	136	0.35	
Dentex gibbosus	3.40	170	0.35	
Penaeus kerathurus	0.30	10	0.03	298
Penaeus notialis	0.24	8	0.02	299
Total	983.14		98.98	

PROJECT STATION: 153
DATE: 29/ 2/92 GEAR TYPE: BT No:1 POSITION: Lat N 1315 Long W 1732
TIME : 12:10:00 12:40:00 30 (min) Purpose code: 3
LOG : 8373.60 8374.80 1.20 Area code :
FDEPTH: 100 101 GearCond.code:
BDEPTH: 100 101 Validity code:
Towing dir: 170 Wire out: 500 m Speed: 25 kn*10
Sorted: 76 Kg Total catch: 387.80 CATCH/HOUR: 775.60

SPECIES	CATCH/HOUR		% OF TOT. C	SAMP.NO.
	weight	numbers		
Dentex maroccanus	673.80	5414	86.87	294
Brama brama	19.60	2	2.53	
Sepia officinalis hierredda	18.60	18	2.40	
Dentex gibbosus	16.60	2	2.14	
Zeus faber	10.20	28	1.32	
Sparus pagrus africanus	7.60	12	0.98	
Dentex macrophthalmus	7.40	46	0.95	
Sparus auriga	6.80	2	0.88	
Epinephelus gorensis	4.80	2	0.62	
Scomber japonicus	4.00	60	0.52	
Boops boops	3.80	28	0.49	
Raja miraletus	1.60	2	0.21	
Trachurus trachurus	0.80	2	0.10	
Total	775.60		100.01	

PROJECT STATION: 157
DATE: 1/ 3/92 GEAR TYPE: BT No:1 POSITION: Lat N 1334 Long W 1659
TIME : 04:33:00 05:03:00 30 (min) Purpose code: 3
LOG : 8496.20 8497.20 1.00 Area code :
FDEPTH: 14 14 GearCond.code:
BDEPTH: 14 14 Validity code:
Towing dir: 180 Wire out: 75 m Speed: 23 kn*10
Sorted: 30 Kg Total catch: 122.20 CATCH/HOUR: 244.40

SPECIES	CATCH/HOUR		% OF TOT. C	SAMP.NO.
	weight	numbers		
Pagellus bellottii	108.00	3272	44.19	
Decapterus rhonchus	56.80	1752	23.24	300
Brachydeuterus auritus	55.20	976	22.59	
Sepia officinalis hierredda	10.40	8	4.26	
Cynoglossus browni	4.80	152	1.96	
Trachurus lepturus	4.00	8	1.64	
Cynoglossus monodi	1.60	8	0.65	
Penaeus kerathurus	0.80	80	0.33	301
Bothus podas africanus	0.80	8	0.33	
Cynoglossus canariensis	0.80	64	0.33	
Pseudupeneus prayensis	0.40	16	0.16	
Trachinocephalus myops	0.40	16	0.16	
Syacium micurum	0.40	8	0.16	
Serranus scriba	0.00	48		
Halobatrachus didactylus	0.00	16		
Sphoeroides spengleri	0.00	32		
Total	244.40		100.00	

PROJECT STATION: 154
DATE: 29/ 2/92 GEAR TYPE: BT No:1 POSITION: Lat N 1304 Long W 1729
TIME : 20:25:00 20:55:00 30 (min) Purpose code: 3
LOG : 8441.50 8442.80 1.30 Area code :
FDEPTH: 59 57 GearCond.code:
BDEPTH: 59 57 Validity code:
Towing dir: 180 Wire out: 300 m Speed: 35 kn*10
Sorted: 37 Kg Total catch: 37.90 CATCH/HOUR: 75.80

SPECIES	CATCH/HOUR		% OF TOT. C	SAMP.NO.
	weight	numbers		
Chelidonichthys gabonensis	25.80	348	34.04	
Pagellus bellottii	20.00	250	26.39	295
Boops boops	6.00	180	7.92	
Priacanthus arenatus	4.40	12	5.80	
Fistularia petimba	4.00	10	5.28	
Dentex canariensis	3.80	12	5.01	
Plectorhinchus mediterraneus	2.00	6	2.64	
Syacium micurum	1.60	14	2.11	
Zeus faber	1.60	2	2.11	
Dactylopterus volitans	1.00	6	1.32	
Dentex angolensis	1.00	8	1.32	
Scorpaena stephanica	0.80	18	1.06	
Umbra canariensis	0.80	2	1.06	
Pseudupeneus prayensis	0.80	6	1.06	
Scomber japonicus	0.50	4	0.66	
Dentex gibbosus	0.50	4	0.66	
Dentex macrophthalmus	0.50	2	0.66	
Gammoplites gruvelli	0.40	10	0.53	
Arnoglossus imperialis	0.20	30	0.26	
Chaetodon boefferi	0.10	2	0.13	
Dicologlossa cuneata	0.00	2		
Citharus linguatula	0.00	2		
Total	75.80		100.32	

PROJECT STATION: 158
DATE: 1/ 3/92 GEAR TYPE: BT No:1 POSITION: Lat N 1335 Long W 1709
TIME : 07:17:00 07:47:00 30 (min) Purpose code: 3
LOG : 8507.10 8508.70 1.60 Area code :
FDEPTH: 34 33 GearCond.code:
BDEPTH: 34 33 Validity code:
Towing dir: 360 Wire out: 150 m Speed: 30 kn*10
Sorted: 54 Kg Total catch: 275.05 CATCH/HOUR: 550.10

SPECIES	CATCH/HOUR		% OF TOT. C	SAMP.NO.
	weight	numbers		
Trachurus tereae	249.00		45.26	303
Pagellus bellottii	152.00	1160	27.63	304
Chelidonichthys gabonensis	35.00	440	6.36	
Boops boops	35.00	510	6.36	
Pomadasys incisus	18.00	100	3.27	
Zeus faber	17.00	40	3.09	
Pseudupeneus prayensis	9.00	140	1.64	
Syacium micurum	7.00	60	1.27	
Plectorhinchus mediterraneus	5.00	20	0.91	
Sardinella aurita	4.60	42	0.84	302
Chaetodon boefferi	4.00	30	0.73	
Sphoeroides spengleri	3.50	140	0.64	
Sepia bertheloti	3.00	40	0.55	
Uranoscopus polli	3.00	10	0.55	
CONGRIDAE	2.00	10	0.36	
Trachinus draco	2.00	60	0.36	
Dentex canariensis	0.50	20	0.09	
Fistularia petimba	0.50	10	0.09	
Total	550.10		100.00	