

Table 1-6-1 (16) Oceanographic data

The 4th survey (29 Oct. - 16 Nov. 2001)

Station 38

Depth[m]	Salinity	Temp[°C]	Choloro[ppb]	Cond[mS/cm]	Turb[ppm]	SigmaT[Kg/m3]	Density[Kg/m3]
0.8	34.43	28.15	0.22	55.56	0.35	21.92	21.92
5	34.41	28.15	0.19	55.54	0.30	21.91	21.93
10	34.64	28.11	0.23	55.83	0.30	22.09	22.13
15	34.97	28.04	0.11	56.22	0.30	22.36	22.43
20	34.94	27.88	0.44	56.03	2.66	22.39	22.48

Station 39

Depth[m]	Salinity	Temp[°C]	Choloro[ppb]	Cond[mS/cm]	Turb[ppm]	SigmaT[Kg/m3]	Density[Kg/m3]
0.6	34.75	28.06	0.54	55.92	84.17	22.19	22.19
5	34.79	28.07	0.10	56.00	0.31	22.22	22.24
10	34.79	28.07	0.10	56.01	0.30	22.22	22.26
15	34.92	28.10	0.08	56.22	0.30	22.30	22.37
20	35.04	27.95	0.10	56.23	0.25	22.45	22.53
25	35.08	27.84	0.13	56.17	0.31	22.51	22.62
30	35.12	27.75	0.10	56.13	0.30	22.57	22.70
35	35.13	27.52	0.28	55.92	0.52	22.65	22.80

Station 40

Depth[m]	Salinity	Temp[°C]	Choloro[ppb]	Cond[mS/cm]	Turb[ppm]	SigmaT[Kg/m3]	Density[Kg/m3]
0.6	35.01	27.88	0.11	56.11	4.77	22.45	22.45
5	35.01	27.88	0.06	56.11	0.33	22.44	22.47
10	35.02	27.87	0.06	56.11	0.32	22.45	22.50
15	35.03	27.87	0.07	56.13	0.30	22.46	22.53
20	35.11	27.78	0.10	56.15	0.30	22.55	22.63
25	35.14	27.65	0.16	56.05	0.30	22.62	22.72
30	35.15	27.60	0.23	56.02	0.31	22.64	22.77
35	35.16	27.54	0.28	55.97	0.40	22.66	22.81
40	35.15	27.54	0.29	55.97	0.38	22.66	22.83
45	35.15	27.54	0.30	55.97	0.46	22.66	22.85
50	35.20	27.31	0.31	55.79	0.32	22.77	22.98

Station 41

Depth[m]	Salinity	Temp[°C]	Choloro[ppb]	Cond[mS/cm]	Turb[ppm]	SigmaT[Kg/m3]	Density[Kg/m3]
0.6	32.58	27.73	0.33	52.49	4.13	20.66	20.66
5	33.37	27.53	0.21	53.41	1.49	21.32	21.34
10	35.00	27.04	0.05	55.22	0.45	22.71	22.75
15	35.08	26.88	0.03	55.17	0.30	22.82	22.89
20	35.09	26.73	0.05	55.01	0.27	22.88	22.96
25	35.09	26.67	0.06	54.96	0.28	22.89	23.00
30	35.09	26.58	0.09	54.86	0.30	22.92	23.05
35	35.11	26.49	0.14	54.80	0.30	22.97	23.12
40	35.12	26.36	0.22	54.66	0.30	23.02	23.19
45	35.12	26.26	0.37	54.57	0.31	23.04	23.24
50	35.08	26.06	0.47	54.32	0.59	23.08	23.30
55	35.25	24.93	0.38	53.36	0.80	23.55	23.79

Station 42

Depth[m]	Salinity	Temp[°C]	Choloro[ppb]	Cond[mS/cm]	Turb[ppm]	SigmaT[Kg/m3]	Density[Kg/m3]
0.6	35.04	28.00	0.07	56.29	4.62	22.42	22.43
5	35.05	28.00	0.03	56.29	0.30	22.43	22.45
10	35.05	27.96	0.00	56.25	0.30	22.45	22.49
15	35.04	27.83	0.02	56.12	0.27	22.48	22.55
20	35.04	27.63	0.05	55.90	0.27	22.55	22.63
25	35.04	27.18	0.05	55.43	0.29	22.69	22.80
30	35.09	26.60	0.08	54.88	0.27	22.91	23.04
35	35.11	26.39	0.11	54.68	0.28	23.00	23.15
40	35.18	26.23	0.21	54.62	0.29	23.10	23.28
45	35.20	26.08	0.63	54.48	0.65	23.16	23.36
50	35.22	25.97	0.58	54.40	1.17	23.21	23.43
55	35.23	25.80	0.51	54.25	1.05	23.27	23.51
60	35.35	24.47	0.43	53.01	1.27	23.77	24.03

Station 43

Depth[m]	Salinity	Temp[°C]	Choloro[ppb]	Cond[mS/cm]	Turb[ppm]	SigmaT[Kg/m3]	Density[Kg/m3]
0.8	35.11	27.67	0.12	56.02	15.07	22.59	22.59
5	35.11	27.67	0.04	56.03	0.34	22.59	22.61
10	35.11	27.62	0.07	55.97	0.33	22.60	22.64
15	35.11	27.57	0.05	55.94	0.24	22.62	22.69
20	35.12	27.52	0.07	55.90	0.29	22.64	22.73
25	35.13	27.46	0.07	55.84	0.27	22.67	22.78
30	35.12	27.04	0.10	55.39	0.29	22.80	22.93
35	35.11	26.57	0.15	54.87	0.27	22.94	23.09
40	35.08	26.18	0.21	54.42	0.27	23.04	23.21
45	35.16	25.93	0.36	54.28	0.25	23.17	23.37
50	35.26	25.80	0.37	54.27	0.31	23.29	23.51
55	35.27	25.50	0.35	53.97	0.30	23.39	23.63

Station 44

Depth[m]	Salinity	Temp[°C]	Choloro[ppb]	Cond[mS/cm]	Turb[ppm]	SigmaT[Kg/m3]	Density[Kg/m3]
0.6	35.13	27.81	0.22	56.20	147.83	22.55	22.56
5	35.17	27.82	0.05	56.28	0.31	22.58	22.61
10	35.18	27.81	0.05	56.28	0.30	22.59	22.63
15	35.18	27.81	0.04	56.28	0.30	22.59	22.66
20	35.17	27.77	0.05	56.23	0.30	22.60	22.68
25	35.13	27.21	0.05	55.59	0.23	22.75	22.86
30	35.25	26.64	0.09	55.14	0.21	23.02	23.15
35	35.23	26.34	0.10	54.80	0.20	23.10	23.25
40	35.26	26.30	0.14	54.80	0.20	23.13	23.31
45	35.27	25.82	0.27	54.31	0.30	23.30	23.49
50	35.34	25.68	0.35	54.26	0.26	23.39	23.61
55	35.33	25.44	0.34	54.01	0.27	23.46	23.70
60	35.36	25.12	0.37	53.70	0.35	23.58	23.84

Table 1-6-1 (17) Oceanographic data

The 4th survey (29 Oct. - 16 Nov. 2001)

Station 45

Depth[m]	Salinity	Temp[°C]	Choloro[ppb]	Cond[mS/cm]	Turb[ppm]	SigmaT[Kg/m3]	Density[Kg/m3]
0.6	35.16	28.15	0.09	56.61	17.81	22.47	22.47
5	35.18	28.09	0.00	56.58	0.35	22.50	22.62
10	35.16	27.86	-0.01	56.31	0.30	22.56	22.61
15	35.15	27.84	0.01	56.27	0.29	22.56	22.63
20	35.15	27.77	0.00	56.20	0.30	22.58	22.67
25	35.12	27.68	0.03	56.06	0.29	22.59	22.70
30	35.07	27.22	0.05	55.51	0.28	22.70	22.83
35	35.14	26.46	0.06	54.80	0.28	23.00	23.15
40	35.26	26.22	0.12	54.72	0.25	23.16	23.34
45	35.29	25.81	0.18	54.33	0.24	23.31	23.50
50	35.31	25.39	0.39	53.91	0.24	23.46	23.68
55	35.40	24.71	0.46	53.31	0.30	23.73	23.97
60	35.46	23.88	0.42	52.53	0.36	24.02	24.28
65	35.53	22.93	0.36	51.63	0.38	24.36	24.64
70	35.80	20.25	0.22	49.18	0.52	25.31	25.62
75	35.82	20.08	0.22	49.02	0.32	25.37	25.70

Station 46

Depth[m]	Salinity	Temp[°C]	Choloro[ppb]	Cond[mS/cm]	Turb[ppm]	SigmaT[Kg/m3]	Density[Kg/m3]
0.6	35.01	27.68	0.00	55.90	1.87	22.51	22.51
5	35.10	27.39	-0.01	55.71	0.24	22.67	22.69
10	35.12	27.34	0.00	55.70	0.29	22.70	22.74
15	35.13	27.36	0.01	55.74	0.28	22.70	22.77
20	35.18	27.39	0.02	55.84	0.27	22.73	22.82
25	35.26	27.35	0.06	55.91	0.30	22.80	22.91
30	35.33	27.06	0.13	55.69	0.29	22.95	23.08
35	35.40	26.83	0.26	55.56	0.31	23.08	23.23
40	35.40	26.41	0.49	55.11	0.30	23.21	23.38
45	35.39	26.15	0.59	54.83	0.33	23.28	23.48
50	35.39	25.81	0.52	54.46	0.39	23.39	23.60
55	35.49	22.50	0.43	51.13	0.30	24.45	24.69
60	35.75	19.97	0.37	48.82	0.30	25.35	25.61

Station 47

Depth[m]	Salinity	Temp[°C]	Choloro[ppb]	Cond[mS/cm]	Turb[ppm]	SigmaT[Kg/m3]	Density[Kg/m3]
0.6	35.10	27.94	0.01	56.30	12.56	22.49	22.50
5	35.10	27.92	-0.02	56.27	0.29	22.50	22.52
10	35.16	27.58	-0.01	56.00	0.25	22.65	22.69
15	35.22	27.49	0.00	56.00	0.25	22.72	22.79
20	35.28	27.38	0.04	55.97	0.25	22.82	22.90
25	35.34	27.30	0.09	55.96	0.30	22.88	22.99
30	35.37	27.11	0.19	55.81	0.27	22.96	23.09
35	35.39	27.04	0.33	55.77	0.31	23.00	23.15
40	35.39	26.28	0.59	54.96	0.30	23.24	23.42
45	35.36	26.12	0.53	54.76	0.30	23.27	23.46
50	35.45	25.14	0.54	53.85	0.30	23.64	23.86
55	35.64	22.00	0.59	50.79	0.41	24.71	24.95
60	35.79	20.36	0.46	49.27	0.60	25.27	25.53
65	35.80	20.19	0.45	49.11	0.62	25.32	25.61

Station 48

Depth[m]	Salinity	Temp[°C]	Choloro[ppb]	Cond[mS/cm]	Turb[ppm]	SigmaT[Kg/m3]	Density[Kg/m3]
0.6	35.21	27.85	0.17	56.34	18.71	22.61	22.61
5	35.21	27.78	0.00	56.28	0.24	22.62	22.65
10	35.21	27.65	-0.01	56.15	0.29	22.67	22.71
15	35.22	27.61	0.01	56.12	0.25	22.69	22.75
20	35.22	27.51	0.04	56.02	0.25	22.72	22.81
25	35.23	27.40	0.05	55.93	0.27	22.77	22.88
30	35.30	27.36	0.09	55.97	0.26	22.83	22.96
35	35.36	27.39	0.16	56.10	0.31	22.87	23.02
40	35.38	27.33	0.38	56.06	0.32	22.90	23.07
45	35.46	25.77	0.68	54.51	0.36	23.45	23.65
50	35.57	24.21	0.68	53.02	0.35	24.01	24.23
55	35.62	23.26	0.70	52.08	0.31	24.33	24.57
60	35.71	21.96	0.53	50.84	0.33	24.77	25.03

Station 49

Depth[m]	Salinity	Temp[°C]	Choloro[ppb]	Cond[mS/cm]	Turb[ppm]	SigmaT[Kg/m3]	Density[Kg/m3]
0.6	35.23	27.79	0.13	56.33	2.14	22.64	22.64
5	35.25	27.78	0.00	56.34	0.24	22.66	22.68
10	35.24	27.74	0.00	56.30	0.29	22.66	22.71
15	35.25	27.73	0.03	56.30	0.23	22.67	22.74
20	35.28	27.69	0.01	56.30	0.25	22.71	22.79
25	35.34	27.47	0.05	56.15	0.28	22.82	22.93
30	35.37	27.41	0.15	56.12	0.29	22.87	23.00
35	35.37	27.38	0.27	56.11	0.30	22.88	23.03
40	35.38	27.19	0.43	55.92	0.50	22.95	23.12
45	35.45	24.66	0.54	53.33	1.65	23.78	23.98
50	35.64	21.70	0.50	50.48	0.39	24.79	25.00
55	35.80	20.89	0.36	49.84	0.32	25.13	25.38
60	35.79	20.04	0.30	48.95	0.55	25.36	25.62
65	35.85	18.76	0.27	47.69	1.18	25.73	26.02
70	35.83	18.71	0.26	47.62	1.46	25.73	26.04

Station 50

Depth[m]	Salinity	Temp[°C]	Choloro[ppb]	Cond[mS/cm]	Turb[ppm]	SigmaT[Kg/m3]	Density[Kg/m3]
0.6	35.17	27.81	0.09	56.27	14.69	22.58	22.59
5	35.22	27.70	0.02	56.22	0.25	22.66	22.68
10	35.20	27.68	0.02	56.17	0.27	22.66	22.70
15	35.21	27.66	0.03	56.16	0.30	22.67	22.73
20	35.21	27.66	0.05	56.16	0.29	22.66	22.75
25	35.21	27.66	0.08	56.16	0.35	22.66	22.77
30	35.20	27.65	0.10	56.16	0.24	22.66	22.79
35	35.21	27.65	0.11	56.16	0.30	22.67	22.82
40	35.21	27.65	0.12	56.16	0.30	22.67	22.84
45	35.21	27.65	0.14	56.15	0.30	22.67	22.86
50	35.21	27.64	0.14	56.16	0.30	22.67	22.88
55	35.20	27.62	0.16	56.13	0.26	22.67	22.91
60	35.32	26.55	0.47	55.16	0.30	23.11	23.37
65	35.76	20.74	0.38	49.63	1.22	25.14	25.43
70	35.86	18.97	0.27	47.92	1.15	25.69	26.00

Table 1-6-1 (18) Oceanographic data

The 5th survey (20 Jul. - 5 Aug. 2002)

Station 1

Depth[m]	Salinity	Temp[°C]	Cond[mS/cm]	Turb[ppm]	SigmaT[Kg/m3]	Density[Kg/m3]
0.6	35.59	22.14	50.84	11.34	24.62	24.63
5	35.70	21.96	50.80	0.95	24.77	24.79
10	35.74	21.47	50.34	0.68	24.93	24.97
15	35.76	20.90	49.77	1.49	25.09	25.16
20	35.78	20.09	48.90	1.35	25.35	25.44

Station 2

Depth[m]	Salinity	Temp[°C]	Cond[mS/cm]	Turb[ppm]	SigmaT[Kg/m3]	Density[Kg/m3]
0.6	35.58	22.15	50.85	29.01	24.61	24.62
5	35.69	21.90	50.73	1.00	24.77	24.80
10	35.77	20.79	49.67	0.56	25.14	25.18
15	35.77	20.48	49.36	0.52	25.22	25.29
20	35.75	20.07	48.91	0.68	25.32	25.40
25	35.80	19.70	48.58	1.25	25.45	25.56
30	35.81	19.64	48.54	1.51	25.47	25.61

Station 3

Depth[m]	Salinity	Temp[°C]	Cond[mS/cm]	Turb[ppm]	SigmaT[Kg/m3]	Density[Kg/m3]
0.6	34.32	23.66	50.78	3.69	23.23	23.23
5	34.76	23.13	50.80	1.10	23.71	23.73
10	35.60	21.88	50.60	0.91	24.71	24.76
15	35.79	20.94	49.85	0.59	25.11	25.18
20	35.80	20.30	49.22	0.58	25.30	25.38
25	35.81	19.48	48.37	0.30	25.52	25.63
30	35.82	18.82	47.70	0.22	25.70	25.83
35	35.80	18.38	47.23	0.31	25.80	25.95
40	35.80	18.25	47.10	1.01	25.82	26.00
45	35.79	18.14	46.97	1.60	25.84	26.04

Station 4

Depth[m]	Salinity	Temp[°C]	Cond[mS/cm]	Turb[ppm]	SigmaT[Kg/m3]	Density[Kg/m3]
0.8	35.69	23.68	52.59	0.95	24.26	24.27
5	35.69	23.67	52.59	0.71	24.26	24.29
10	35.50	22.56	51.19	0.58	24.44	24.49
15	35.77	21.10	49.99	0.69	25.05	25.12

Station 5

Depth[m]	Salinity	Temp[°C]	Cond[mS/cm]	Turb[ppm]	SigmaT[Kg/m3]	Density[Kg/m3]
0.6	35.70	23.20	52.11	19.45	24.41	24.41
5	35.71	23.18	52.09	0.22	24.42	24.44
10	35.79	21.04	49.95	0.20	25.09	25.13
15	35.80	20.52	49.43	0.22	25.23	25.30
20	35.80	20.29	49.19	0.28	25.29	25.38
25	35.78	19.75	48.61	0.49	25.42	25.54
30	35.79	19.55	48.43	0.84	25.49	25.62
35	35.79	19.10	47.97	1.12	25.60	25.76
40	35.79	18.90	47.75	49.37	25.66	25.83

Station 6

Depth[m]	Salinity	Temp[°C]	Cond[mS/cm]	Turb[ppm]	SigmaT[Kg/m3]	Density[Kg/m3]
0.6	35.66	23.34	52.19	21.13	24.33	24.34
5	35.70	23.33	52.25	0.20	24.37	24.39
10	35.72	21.37	50.22	0.19	24.94	24.99
15	35.81	20.31	49.23	0.24	25.30	25.36
20	35.81	19.70	48.61	0.26	25.46	25.55
25	35.81	19.55	48.45	0.21	25.50	25.61
30	35.80	19.04	47.92	0.25	25.62	25.76
35	35.80	18.99	47.86	0.25	25.63	25.79
40	35.78	18.51	47.35	0.60	25.75	25.92
45	35.78	17.81	46.63	2.38	25.92	26.11
50	35.76	17.52	46.32	3.28	25.98	26.20

Station 7

Depth[m]	Salinity	Temp[°C]	Cond[mS/cm]	Turb[ppm]	SigmaT[Kg/m3]	Density[Kg/m3]
0.6	35.74	22.35	51.26	19.30	24.68	24.68
5	35.74	22.20	51.10	2.01	24.72	24.75
10	35.79	20.45	49.34	0.96	25.25	25.29
15	35.77	20.33	49.20	1.67	25.27	25.33
20	35.80	19.92	48.81	4.47	25.40	25.48

Station 8

Depth[m]	Salinity	Temp[°C]	Cond[mS/cm]	Turb[ppm]	SigmaT[Kg/m3]	Density[Kg/m3]
0.6	35.75	22.14	51.06	4.37	24.75	24.76
5	35.75	22.12	51.04	0.50	24.75	24.78
10	35.75	21.10	49.97	0.31	25.04	25.08
15	35.80	20.23	49.12	0.46	25.31	25.38
20	35.79	19.85	48.73	0.29	25.41	25.50
25	35.79	19.32	48.18	1.13	25.55	25.66
30	35.80	18.90	47.77	0.32	25.66	25.79

Station 9

Depth[m]	Salinity	Temp[°C]	Cond[mS/cm]	Turb[ppm]	SigmaT[Kg/m3]	Density[Kg/m3]
0.6	35.76	22.15	51.07	10.78	24.75	24.75
5	35.74	22.08	50.98	1.15	24.76	24.78
10	35.72	21.77	50.63	0.55	24.83	24.88
15	35.83	19.77	48.69	0.30	25.45	25.52
20	35.84	19.47	48.40	0.20	25.54	25.63
25	35.83	19.27	48.18	0.20	25.69	25.70
30	35.80	18.76	47.62	0.20	25.69	25.83
35	35.80	18.45	47.31	0.18	25.78	25.93
40	35.79	18.21	47.05	0.15	25.83	26.01
45	35.79	17.86	46.68	0.21	25.91	26.11
50	35.77	17.45	46.26	1.46	26.00	26.22

Station 10

Depth[m]	Salinity	Temp[°C]	Cond[mS/cm]	Turb[ppm]	SigmaT[Kg/m3]	Density[Kg/m3]
0.6	35.49	24.07	52.74	1.07	23.99	23.99
5	35.56	23.87	52.62	0.76	24.11	24.13
10	35.68	22.57	51.42	0.82	24.57	24.61
15	35.76	21.33	50.23	11.22	24.99	25.05

Table 1-6-1 (19) Oceanographic data

The 5th survey (20 Jul. - 5 Aug. 2002)

Station 11

Depth[m]	Salinity	Temp[°C]	Cond[mS/cm]	Turb[ppm]	SigmaT[Kg/m ³]	Density[Kg/m ³]
0.6	35.57	24.25	53.05	28.49	24.00	24.00
5	35.61	23.85	52.67	0.34	24.15	24.17
10	35.74	21.81	50.70	0.63	24.83	24.88
15	35.77	21.21	50.12	0.46	25.02	25.08
20	35.72	20.14	48.94	7.33	25.27	25.36

Station 12

Depth[m]	Salinity	Temp[°C]	Cond[mS/cm]	Turb[ppm]	SigmaT[Kg/m ³]	Density[Kg/m ³]
0.6	35.59	24.38	53.20	40.52	23.98	23.98
5	35.60	24.35	53.20	0.20	23.99	24.02
10	35.70	22.07	50.93	0.68	24.73	24.78
15	35.76	21.22	50.11	0.30	25.02	25.08
20	35.77	20.55	49.44	0.61	25.21	25.29
25	35.72	19.74	48.53	0.63	25.38	25.49
30	35.81	19.11	48.00	4.43	25.61	25.74

Station 13

Depth[m]	Salinity	Temp[°C]	Cond[mS/cm]	Turb[ppm]	SigmaT[Kg/m ³]	Density[Kg/m ³]
0.6	35.35	22.93	51.38	25.43	24.22	24.23
5	35.68	22.80	51.65	0.27	24.50	24.53
10	35.86	20.24	49.22	0.26	25.36	25.40
15	35.89	19.52	48.51	0.20	25.57	25.63
20	35.87	19.18	48.13	0.20	25.64	25.73
25	35.86	18.75	47.67	0.22	25.74	25.85
30	35.83	18.46	47.36	0.21	25.80	25.93
35	35.81	18.15	47.01	0.16	25.86	26.02
40	35.81	17.86	46.72	0.19	25.93	26.11
45	35.80	17.55	46.39	0.16	26.00	26.20
50	35.78	17.29	46.10	0.13	26.05	26.27
55	35.77	17.08	45.89	0.11	26.09	26.33
60	35.75	16.99	45.77	0.17	26.10	26.36
65	35.74	16.90	45.67	0.34	26.11	26.40
70	35.72	16.64	45.38	0.30	26.15	26.46

Station 14

Depth[m]	Salinity	Temp[°C]	Cond[mS/cm]	Turb[ppm]	SigmaT[Kg/m ³]	Density[Kg/m ³]
0.6	35.59	24.11	52.92	8.34	24.06	24.06
5	35.61	24.04	52.87	0.32	24.09	24.11
10	35.72	22.18	51.06	0.83	24.71	24.76
15	35.72	22.11	51.00	1.26	24.73	24.80
20	35.73	21.97	50.85	7.72	24.78	24.87

Station 15

Depth[m]	Salinity	Temp[°C]	Cond[mS/cm]	Turb[ppm]	SigmaT[Kg/m ³]	Density[Kg/m ³]
0.6	35.60	24.18	53.01	0.26	24.05	24.05
5	35.60	24.15	52.97	0.20	24.05	24.07
10	35.63	22.49	51.26	0.17	24.56	24.60
15	35.76	21.80	50.72	0.76	24.84	24.91
20	35.76	21.69	50.60	1.29	24.89	24.97

Station 16

Depth[m]	Salinity	Temp[°C]	Cond[mS/cm]	Turb[ppm]	SigmaT[Kg/m ³]	Density[Kg/m ³]
0.6	35.58	24.52	53.34	2.21	23.93	23.93
5	35.59	24.49	53.31	0.12	23.94	23.96
10	35.78	21.71	50.64	0.15	24.89	24.93
15	35.77	21.26	50.17	0.29	25.01	25.08
20	35.78	21.15	50.07	0.60	25.05	25.13
25	35.78	20.88	49.79	0.98	25.13	25.24

Station 17

Depth[m]	Salinity	Temp[°C]	Cond[mS/cm]	Turb[ppm]	SigmaT[Kg/m ³]	Density[Kg/m ³]
0.6	35.56	24.67	53.47	0.28	23.87	23.87
5	35.57	24.65	53.46	0.13	23.89	23.91
10	35.79	21.18	50.11	0.12	25.05	25.09
15	35.81	20.97	49.91	0.12	25.12	25.18
20	35.82	20.33	49.26	0.18	25.30	25.39
25	35.82	20.16	49.09	0.16	25.34	25.45
30	35.81	19.50	48.40	0.25	25.51	25.64
35	35.81	18.90	47.77	0.78	25.67	25.82
40	35.81	18.86	47.73	1.87	25.68	25.85

Station 18

Depth[m]	Salinity	Temp[°C]	Cond[mS/cm]	Turb[ppm]	SigmaT[Kg/m ³]	Density[Kg/m ³]
0.6	35.60	24.86	53.72	9.69	23.84	23.84
5	35.60	24.83	53.70	0.17	23.85	23.87
10	35.60	24.69	53.54	0.18	23.89	23.93
15	35.81	20.76	49.69	0.19	25.17	25.24
20	35.80	20.37	49.29	0.19	25.28	25.36
25	35.83	19.66	48.58	0.20	25.48	25.59
30	35.80	18.88	47.76	0.14	25.67	25.80
35	35.81	18.45	47.31	0.15	25.79	25.94
40	35.81	18.18	47.05	0.20	25.85	26.03
45	35.77	17.76	46.57	0.48	25.93	26.13
50	35.78	17.69	46.51	1.04	25.95	26.17

Station 19

Depth[m]	Salinity	Temp[°C]	Cond[mS/cm]	Turb[ppm]	SigmaT[Kg/m ³]	Density[Kg/m ³]
0.8	35.65	23.03	51.86	9.67	24.42	24.42
5	35.65	23.03	51.85	0.28	24.42	24.44
10	35.82	20.45	49.39	0.19	25.27	25.31
15	35.85	19.55	48.49	0.22	25.53	25.60
20	35.82	18.81	47.69	0.18	25.70	25.79
25	35.85	18.53	47.44	0.19	25.79	25.90
30	35.84	18.28	47.17	0.20	25.84	25.97
35	35.79	17.77	46.60	0.18	25.93	26.09
40	35.79	17.47	46.30	0.21	26.01	26.19
45	35.77	17.24	46.03	0.11	26.04	26.24
50	35.76	17.08	45.87	0.20	26.08	26.30
55	35.75	17.04	45.81	0.42	26.08	26.32
60	35.74	16.98	45.76	0.65	26.09	26.35

Station 20

Depth[m]	Salinity	Temp[°C]	Cond[mS/cm]	Turb[ppm]	SigmaT[Kg/m ³]	Density[Kg/m ³]
0.6	35.49	23.78	52.45	0.70	24.08	24.08
5	35.56	23.64	52.39	0.60	24.17	24.19
10	35.59	22.62	51.35	0.44	24.49	24.54
15	35.77	21.51	50.42	1.72	24.94	25.01

Station 21

Depth[m]	Salinity	Temp[°C]	Cond[mS/cm]	Turb[ppm]	SigmaT[Kg/m ³]	Density[Kg/m ³]
0.6	35.53	23.66	52.37	6.51	24.15	24.15
5	35.53	23.66	52.38	0.60	24.15	24.17
10	35.55	23.37	52.09	0.40	24.25	24.29
15	35.77	21.48	50.40	1.65	24.95	25.02
20	35.77	21.45	50.37	2.86	24.96	25.05

Table 1-6-1 (20) Oceanographic data

The 5th survey (20 Jul. - 5 Aug. 2002)

Station 22

Depth[m]	Salinity	Temp[°C]	Cond[mS/cm]	Turb[ppm]	SigmaT[Kg/m3]	Density[Kg/m3]
0.6	35.66	23.65	52.53	15.70	24.25	24.25
5	35.66	23.59	52.47	0.18	24.26	24.28
10	35.76	21.30	50.19	0.21	24.99	25.04
15	35.80	20.92	49.85	0.42	25.12	25.19
20	35.79	20.88	49.80	0.63	25.13	25.22
25	35.79	20.85	49.77	0.99	25.14	25.25
30	35.79	20.85	49.77	1.85	25.14	25.27

Station 23

Depth[m]	Salinity	Temp[°C]	Cond[mS/cm]	Turb[ppm]	SigmaT[Kg/m3]	Density[Kg/m3]
0.6	35.65	24.17	53.07	0.15	24.08	24.09
5	35.62	24.09	52.94	0.10	24.09	24.11
10	35.66	22.40	51.22	0.12	24.61	24.65
15	35.80	20.39	49.30	0.21	25.28	25.34
20	35.80	20.24	49.15	0.38	25.31	25.40
25	35.81	20.19	49.10	0.50	25.33	25.44
30	35.82	20.12	49.05	0.70	25.35	25.48
35	35.81	20.11	49.03	0.87	25.35	25.51
40	35.81	20.11	49.03	0.88	25.35	25.53

Station 24

Depth[m]	Salinity	Temp[°C]	Cond[mS/cm]	Turb[ppm]	SigmaT[Kg/m3]	Density[Kg/m3]
0.6	35.53	24.83	53.61	12.09	23.80	23.80
5	35.55	24.68	53.46	0.19	23.86	23.88
10	35.74	21.86	50.75	0.18	24.82	24.86
15	35.82	19.96	48.88	0.20	25.40	25.46
20	35.81	19.73	48.63	0.27	25.45	25.54
25	35.77	19.45	48.30	0.30	25.50	25.61
30	35.80	19.05	47.91	0.28	25.62	25.75
35	35.81	18.51	47.38	0.20	25.77	25.92
40	35.81	18.34	47.21	0.21	25.81	25.99
45	35.80	18.18	47.04	0.30	25.84	26.04
50	35.81	18.08	46.94	0.50	25.87	26.09

Station 25

Depth[m]	Salinity	Temp[°C]	Cond[mS/cm]	Turb[ppm]	SigmaT[Kg/m3]	Density[Kg/m3]
0.6	35.67	24.64	53.59	0.20	23.96	23.96
5	35.69	24.43	53.39	0.20	24.03	24.05
10	35.65	23.96	52.84	0.20	24.15	24.19
15	35.69	23.36	52.26	0.15	24.35	24.42
20	35.77	21.34	50.25	0.17	24.99	25.08
25	35.79	20.69	49.60	0.19	25.18	25.29
30	35.83	19.46	48.38	0.16	25.54	25.67
35	35.83	18.78	47.67	0.12	25.71	25.87
40	35.82	18.64	47.53	0.13	25.74	25.92
45	35.79	18.17	47.01	0.14	25.84	26.04
50	35.80	17.80	46.64	0.19	25.94	26.16
55	35.76	17.55	46.35	0.19	25.97	26.21
60	35.75	17.49	46.28	0.20	25.97	26.24

Station 26

Depth[m]	Salinity	Temp[°C]	Cond[mS/cm]	Turb[ppm]	SigmaT[Kg/m3]	Density[Kg/m3]
0.6	33.70	23.56	49.87	21.99	22.79	22.79
5	35.18	23.13	51.36	1.45	24.03	24.06
10	35.64	22.32	51.10	1.69	24.61	24.66
15	35.73	21.97	50.85	2.63	24.78	24.85

Station 27

Depth[m]	Salinity	Temp[°C]	Cond[mS/cm]	Turb[ppm]	SigmaT[Kg/m3]	Density[Kg/m3]
0.8	34.24	23.48	50.49	1.75	23.22	23.23
5	35.21	23.41	51.69	1.05	23.98	24.00
10	35.76	21.74	50.66	1.18	24.87	24.91
15	35.75	21.68	50.58	1.28	24.88	24.95
20	35.75	21.60	50.50	1.72	24.90	24.99

Station 28

Depth[m]	Salinity	Temp[°C]	Cond[mS/cm]	Turb[ppm]	SigmaT[Kg/m3]	Density[Kg/m3]
0.6	35.04	23.61	51.67	2.05	23.79	23.79
5	35.13	23.60	51.78	0.77	23.86	23.88
10	35.74	21.51	50.39	0.51	24.92	24.96
15	35.78	21.23	50.14	1.00	25.03	25.09
20	35.77	21.16	50.06	1.21	25.04	25.13
25	35.77	20.94	49.84	1.61	25.10	25.21
30	35.78	20.76	49.66	4.58	25.16	25.29

Station 29

Depth[m]	Salinity	Temp[°C]	Cond[mS/cm]	Turb[ppm]	SigmaT[Kg/m3]	Density[Kg/m3]
0.6	35.33	24.17	52.64	0.67	23.84	23.84
5	35.32	24.15	52.61	0.50	23.84	23.86
10	35.35	24.05	52.55	0.49	23.89	23.93
15	35.49	23.44	52.08	0.45	24.18	24.24
20	35.81	20.37	49.29	0.31	25.29	25.37
25	35.82	20.20	49.12	0.49	25.33	25.44
30	35.81	20.13	49.05	0.70	25.34	25.48
35	35.81	20.09	49.00	1.00	25.35	25.51
40	35.81	20.08	48.99	1.31	25.36	25.54

Station 30

Depth[m]	Salinity	Temp[°C]	Cond[mS/cm]	Turb[ppm]	SigmaT[Kg/m3]	Density[Kg/m3]
0.6	35.24	24.53	52.90	4.18	23.67	23.67
5	35.25	24.45	52.81	0.30	23.70	23.72
10	35.29	24.15	52.57	0.41	23.82	23.86
15	35.45	23.58	52.18	0.36	24.11	24.17
20	35.74	20.97	49.83	0.30	25.07	25.16
25	35.83	19.93	48.86	0.25	25.41	25.52
30	35.84	19.74	48.67	0.28	25.47	25.60
35	35.83	19.65	48.58	0.39	25.48	25.64
40	35.82	19.49	48.41	0.54	25.53	25.70
45	35.82	19.44	48.35	0.69	25.54	25.74
50	35.82	19.41	48.33	1.07	25.54	25.76

Station 31

Depth[m]	Salinity	Temp[°C]	Cond[mS/cm]	Turb[ppm]	SigmaT[Kg/m3]	Density[Kg/m3]
0.6	35.38	24.48	53.02	3.84	23.78	23.79
5	35.40	24.43	53.00	0.20	23.82	23.84
10	35.45	24.19	52.82	0.20	23.93	23.97
15	35.67	21.53	50.32	0.20	24.86	24.92
20	35.82	19.21	48.10	0.20	25.59	25.68
25	35.82	18.97	47.86	0.21	25.66	25.77
30	35.81	18.88	47.76	0.23	25.67	25.80
35	35.81	18.81	47.68	0.30	25.69	25.84
40	35.80	18.74	47.61	0.41	25.70	25.87
45	35.80	18.70	47.56	0.73	25.71	25.91
50	35.80	18.68	47.55	1.31	25.72	25.94

Table 1-6-1 (21) Oceanographic data

The 5th survey (20 Jul. - 5 Aug. 2002)

Station 32

Depth[m]	Salinity	Temp[°C]	Cond[mS/cm]	Turb[ppm]	SigmaT[Kg/m3]	Density[Kg/m3]
0.6	34.22	23.44	50.42	3.24	23.22	23.22
5	35.63	22.09	50.86	5.24	24.67	24.70
10	35.75	21.49	50.38	6.37	24.93	24.98
15	35.76	21.34	50.25	7.26	24.98	25.05
20	35.76	21.13	50.01	12.53	25.04	25.13

Station 33

Depth[m]	Salinity	Temp[°C]	Cond[mS/cm]	Turb[ppm]	SigmaT[Kg/m3]	Density[Kg/m3]
0.6	34.27	23.77	50.83	11.89	23.16	23.16
5	34.62	23.66	51.06	1.37	23.38	23.40
10	35.76	21.24	50.13	2.07	25.01	25.05
15	35.78	20.95	49.85	1.10	25.10	25.17
20	35.77	20.91	49.81	1.09	25.11	25.20
25	35.78	20.61	49.52	1.23	25.19	25.31
30	35.79	20.45	49.36	22.00	25.24	25.37

Station 34

Depth[m]	Salinity	Temp[°C]	Cond[mS/cm]	Turb[ppm]	SigmaT[Kg/m3]	Density[Kg/m3]
0.6	34.62	24.09	51.61	24.53	23.33	23.33
5	34.84	24.07	51.90	1.00	23.50	23.52
10	35.72	21.15	50.00	0.75	25.01	25.05
15	35.79	20.57	49.47	0.60	25.22	25.28
20	35.79	20.20	49.09	0.60	25.31	25.40
25	35.80	19.99	48.89	0.60	25.38	25.49
30	35.80	19.76	48.65	0.60	25.44	25.57
35	35.80	19.51	48.40	0.70	25.51	25.66
40	35.80	19.19	48.07	0.87	25.59	25.76
45	35.78	18.53	47.37	0.61	25.74	25.94
50	35.80	18.41	47.26	1.41	25.78	26.00

Station 35

Depth[m]	Salinity	Temp[°C]	Cond[mS/cm]	Turb[ppm]	SigmaT[Kg/m3]	Density[Kg/m3]
0.6	32.82	24.35	49.47	2.71	21.89	21.89
5	34.55	23.98	51.42	0.70	23.31	23.33
10	35.33	21.97	50.35	6.42	24.48	24.52
15	35.79	19.82	48.70	5.00	25.41	25.48
20	35.79	19.08	47.94	18.29	25.61	25.69
25	35.79	18.88	47.73	31.09	25.66	25.77

Station 36

Depth[m]	Salinity	Temp[°C]	Cond[mS/cm]	Turb[ppm]	SigmaT[Kg/m3]	Density[Kg/m3]
0.6	34.05	24.12	50.88	17.61	22.89	22.89
5	34.66	23.96	51.54	0.51	23.40	23.42
10	35.18	22.02	50.20	2.36	24.35	24.39
15	35.73	20.28	49.10	4.30	25.24	25.31
20	35.78	19.80	48.67	4.52	25.41	25.50
25	35.78	19.24	48.08	7.05	25.55	25.66
30	35.80	18.99	47.85	2.52	25.64	25.77
35	35.79	18.53	47.38	3.15	25.75	25.90
40	35.78	18.35	47.17	17.35	25.78	25.96

Station 37

Depth[m]	Salinity	Temp[°C]	Cond[mS/cm]	Turb[ppm]	SigmaT[Kg/m3]	Density[Kg/m3]
0.6	34.67	23.98	51.57	5.25	23.40	23.40
5	34.68	23.92	51.52	0.50	23.43	23.45
10	35.49	21.58	50.14	2.00	24.71	24.76
15	35.78	20.46	49.34	0.76	25.24	25.30
20	35.78	19.99	48.86	1.57	25.36	25.45
25	35.80	19.33	48.20	1.83	25.55	25.65
30	35.79	19.12	47.97	0.81	25.59	25.73
35	35.80	18.71	47.58	0.45	25.71	25.87
40	35.80	18.41	47.26	0.80	25.79	25.96
45	35.79	18.27	47.12	2.64	25.81	26.01
50	35.78	18.13	46.96	8.35	25.84	26.06

Station 38

Depth[m]	Salinity	Temp[°C]	Cond[mS/cm]	Turb[ppm]	SigmaT[Kg/m3]	Density[Kg/m3]
0.6	34.80	23.46	51.20	4.42	23.65	23.65
5	35.15	22.94	51.12	0.33	24.06	24.09
10	35.47	22.06	50.63	0.46	24.56	24.60
15	35.79	19.92	48.80	3.65	25.39	25.45
20	35.80	19.78	48.67	6.25	25.43	25.52

Station 39

Depth[m]	Salinity	Temp[°C]	Cond[mS/cm]	Turb[ppm]	SigmaT[Kg/m3]	Density[Kg/m3]
0.6	35.01	23.40	51.41	0.31	23.82	23.83
5	35.23	22.91	51.19	0.24	24.14	24.16
10	35.63	20.51	49.21	3.22	25.11	25.15
15	35.81	19.57	48.46	0.97	25.49	25.56
20	35.81	19.43	48.31	1.10	25.53	25.62
25	35.80	19.36	48.23	1.35	25.55	25.65
30	35.80	19.33	48.21	2.97	25.55	25.68

Station 40

Depth[m]	Salinity	Temp[°C]	Cond[mS/cm]	Turb[ppm]	SigmaT[Kg/m3]	Density[Kg/m3]
0.6	34.91	23.79	51.68	10.99	23.64	23.64
5	35.05	23.30	51.36	0.32	23.89	23.91
10	35.48	21.87	50.44	0.45	24.62	24.67
15	35.74	20.38	49.22	0.98	25.23	25.29
20	35.78	20.15	49.02	0.87	25.32	25.40
25	35.78	20.03	48.91	0.99	25.35	25.46
30	35.79	19.82	48.69	0.99	25.41	25.54
35	35.80	19.13	48.00	0.85	25.60	25.75
40	35.80	19.11	47.98	1.10	25.61	25.78
45	35.80	19.10	47.98	1.21	25.61	25.81
50	35.80	19.10	47.98	1.20	25.61	25.83

Station 41

Depth[m]	Salinity	Temp[°C]	Cond[mS/cm]	Turb[ppm]	SigmaT[Kg/m3]	Density[Kg/m3]
0.6	34.75	23.97	51.66	160.49	23.46	23.46
5	34.85	23.73	51.55	1.18	23.61	23.63
10	35.51	22.11	50.72	1.00	24.57	24.62
15	35.75	20.58	49.44	0.74	25.18	25.25
20	35.80	19.55	48.44	0.32	25.50	25.58
25	35.81	18.96	47.83	0.31	25.65	25.76
30	35.81	18.64	47.51	0.30	25.73	25.87
35	35.80	18.21	47.06	0.76	25.83	25.99
40	35.79	18.19	47.04	1.04	25.83	26.01
45	35.79	18.09	46.92	1.36	25.85	26.05

Table 1-6-1 (22) Oceanographic data

The 5th survey (20 Jul. - 5 Aug. 2002)

Station 42

Depth[m]	Salinity	Temp[°C]	Cond[mS/cm]	Turb[ppm]	SigmaT[Kg/m3]	Density[Kg/m3]
0.6	35.70	23.22	52.12	3.20	24.40	24.40
5	35.70	23.20	52.11	0.20	24.41	24.43
10	35.64	22.97	51.79	0.20	24.43	24.47
15	35.79	20.95	49.87	0.18	25.11	25.18
20	35.80	20.31	49.22	0.21	25.29	25.38
25	35.79	19.84	48.73	0.25	25.41	25.52
30	35.82	19.23	48.12	0.20	25.59	25.72
35	35.81	18.68	47.56	0.20	25.72	25.88
40	35.78	18.53	47.38	0.21	25.74	25.92
45	35.77	17.91	46.73	0.49	25.89	26.09
50	35.74	17.37	46.14	0.30	26.00	26.22
55	35.74	16.91	45.68	0.32	26.11	26.35
60	35.74	16.73	45.49	0.38	26.15	26.41
65	35.71	16.58	45.31	0.67	26.16	26.45
70	35.71	16.39	45.12	0.81	26.20	26.51
75	35.70	16.38	45.11	1.00	26.20	26.54

Station 43

Depth[m]	Salinity	Temp[°C]	Cond[mS/cm]	Turb[ppm]	SigmaT[Kg/m3]	Density[Kg/m3]
0.6	35.74	22.56	51.49	3.11	24.63	24.63
5	35.75	22.30	51.23	0.67	24.70	24.72
10	35.77	20.87	49.76	0.24	25.11	25.16
15	35.82	20.41	49.34	0.20	25.28	25.34
20	35.81	19.94	48.86	0.19	25.40	25.49
25	35.84	19.31	48.24	0.19	25.59	25.69
30	35.84	19.04	47.96	0.20	25.65	25.79
35	35.83	18.83	47.74	0.20	25.70	25.85
40	35.82	18.26	47.14	0.20	25.84	26.02
45	35.79	17.92	46.75	0.10	25.90	26.10
50	35.77	17.31	46.11	0.25	26.03	26.25
55	35.77	17.20	45.99	0.22	26.06	26.30
60	35.74	16.98	45.75	0.22	26.09	26.35
65	35.75	16.85	45.63	0.50	26.13	26.41
70	35.74	16.69	45.45	0.29	26.15	26.46
75	35.72	16.59	45.34	1.67	26.16	26.50

Station 44

Depth[m]	Salinity	Temp[°C]	Cond[mS/cm]	Turb[ppm]	SigmaT[Kg/m3]	Density[Kg/m3]
0.6	35.63	23.00	51.79	6.74	24.41	24.41
5	35.65	22.95	51.79	0.20	24.44	24.47
10	35.66	22.85	51.70	0.20	24.48	24.52
15	35.85	20.20	49.16	0.27	25.36	25.43
20	35.91	19.41	48.42	0.20	25.61	25.70
25	35.87	18.65	47.59	0.19	25.78	25.89
30	35.86	18.49	47.41	0.19	25.81	25.94
35	35.82	18.18	47.05	0.19	25.86	26.02
40	35.81	17.83	46.68	0.20	25.94	26.12
45	35.79	17.51	46.34	0.18	26.00	26.20
50	35.78	17.30	46.11	0.11	26.04	26.26
55	35.77	17.12	45.92	0.12	26.07	26.32
60	35.76	16.89	45.68	0.10	26.13	26.39
65	35.74	16.79	45.56	0.20	26.14	26.42
70	35.74	16.67	45.44	0.25	26.16	26.47

Station 45

Depth[m]	Salinity	Temp[°C]	Cond[mS/cm]	Turb[ppm]	SigmaT[Kg/m3]	Density[Kg/m3]
0.6	31.89	23.09	46.80	139.43	21.56	21.56
5	35.61	23.06	51.84	0.30	24.38	24.40
10	35.83	20.27	49.21	0.18	25.32	25.37
15	35.90	19.62	48.62	0.21	25.55	25.61
20	35.84	18.97	47.88	0.20	25.68	25.76
25	35.86	18.63	47.55	0.20	25.78	25.88
30	35.85	18.44	47.35	0.16	25.81	25.94
35	35.84	18.30	47.20	0.17	25.84	26.00
40	35.82	18.05	46.91	0.20	25.88	26.06
45	35.81	17.76	46.61	0.15	25.95	26.15
50	35.79	17.42	46.25	0.24	26.02	26.24
55	35.79	17.11	45.92	0.21	26.09	26.33
60	35.76	16.96	45.76	0.19	26.11	26.37
65	35.76	16.93	45.72	0.20	26.12	26.40
70	35.75	16.88	45.67	0.42	26.12	26.43
75	35.74	16.63	45.40	0.46	26.17	26.51

Station 46

Depth[m]	Salinity	Temp[°C]	Cond[mS/cm]	Turb[ppm]	SigmaT[Kg/m3]	Density[Kg/m3]
0.6	35.65	24.41	53.32	0.20	24.01	24.02
5	35.67	24.34	53.26	0.10	24.05	24.07
10	35.65	23.94	52.83	0.14	24.16	24.20
15	35.76	22.08	51.01	0.15	24.77	24.84
20	35.79	21.02	49.94	0.12	25.09	25.18
25	35.77	19.58	48.43	0.19	25.46	25.58
30	35.80	18.67	47.52	0.10	25.72	25.86
35	35.81	18.52	47.39	0.11	25.77	25.92
40	35.82	18.36	47.24	0.12	25.81	25.98
45	35.78	17.82	46.65	0.12	25.92	26.12
50	35.75	17.56	46.34	0.13	25.96	26.18
55	35.77	17.31	46.12	0.15	26.03	26.27
60	35.76	17.28	46.07	0.17	26.04	26.30
65	35.75	17.20	45.98	0.20	26.05	26.33
70	35.75	17.15	45.94	0.20	26.05	26.36
75	35.74	17.10	45.88	0.20	26.06	26.40
80	35.75	17.04	45.83	0.21	26.08	26.43
85	35.74	17.02	45.80	0.20	26.08	26.45

Station 47

Depth[m]	Salinity	Temp[°C]	Cond[mS/cm]	Turb[ppm]	SigmaT[Kg/m3]	Density[Kg/m3]
0.6	35.64	24.30	53.17	81.70	24.04	24.04
5	35.65	24.27	53.17	0.20	24.05	24.07
10	35.65	24.17	53.07	0.20	24.08	24.13
15	35.63	23.58	52.42	0.19	24.24	24.31
20	35.78	20.86	49.76	0.20	25.13	25.21
25	35.82	20.02	48.94	0.20	25.38	25.49
30	35.79	18.87	47.73	0.20	25.66	25.79
35	35.80	18.71	47.58	0.14	25.71	25.87
40	35.80	18.09	46.93	0.19	25.86	26.04
45	35.78	17.79	46.61	0.20	25.93	26.13
50	35.78	17.67	46.49	0.20	25.95	26.17
55	35.77	17.62	46.43	0.28	25.96	26.20
60	35.76	17.60	46.41	0.30	25.95	26.22
65	35.76	17.58	46.39	0.30	25.96	26.26
70	35.77	17.53	46.34	0.35	25.97	26.28

Table 1-6-1 (23) Oceanographic data

The 5th survey (20 Jul. - 5 Aug. 2002)

Station 48

Depth[m]	Salinity	Temp[°C]	Cond[mS/cm]	Turb[ppm]	SigmaT[Kg/m3]	Density[Kg/m3]
0.7	35.02	24.08	52.14	0.59	23.63	23.64
5	35.28	23.54	51.91	0.44	23.99	24.01
10	35.78	20.94	49.84	0.29	25.10	25.15
15	35.81	20.29	49.20	0.20	25.30	25.37
20	35.83	19.46	48.37	0.20	25.53	25.62
25	35.83	19.39	48.30	0.20	25.55	25.66
30	35.82	19.38	48.29	0.20	25.55	25.68
35	35.81	19.33	48.22	0.30	25.55	25.71
40	35.80	18.61	47.47	0.20	25.73	25.91
45	35.79	17.98	46.82	0.20	25.88	26.08
50	35.77	17.50	46.30	0.20	25.99	26.21
55	35.78	17.34	46.16	0.25	26.03	26.27
60	35.78	17.33	46.14	0.30	26.04	26.30
65	35.77	17.25	46.06	0.30	26.05	26.34
70	35.78	17.24	46.06	0.31	26.05	26.36
75	35.78	17.24	46.06	0.59	26.05	26.38

Station 49

Depth[m]	Salinity	Temp[°C]	Cond[mS/cm]	Turb[ppm]	SigmaT[Kg/m3]	Density[Kg/m3]
0.6	34.78	23.93	51.65	7.11	23.49	23.50
5	34.80	23.64	51.40	0.49	23.60	23.62
10	35.11	22.90	51.03	0.74	24.05	24.09
15	35.52	21.51	50.12	0.83	24.75	24.82
20	35.76	20.12	48.97	0.52	25.31	25.39
25	35.81	19.67	48.57	0.38	25.46	25.58
30	35.81	19.41	48.30	0.30	25.54	25.67
35	35.81	19.06	47.96	0.25	25.63	25.78
40	35.79	18.58	47.43	0.20	25.73	25.91
45	35.81	18.23	47.09	0.19	25.84	26.04
50	35.80	17.89	46.74	0.20	25.91	26.13
55	35.77	17.78	46.59	0.20	25.92	26.17
60	35.77	17.61	46.43	0.38	25.96	26.23
65	35.77	17.51	46.32	0.49	25.98	26.27
70	35.78	17.42	46.24	0.66	26.01	26.32
75	35.77	17.41	46.22	0.84	26.01	26.34

Station 50

Depth[m]	Salinity	Temp[°C]	Cond[mS/cm]	Turb[ppm]	SigmaT[Kg/m3]	Density[Kg/m3]
0.6	34.64	23.93	51.48	0.45	23.39	23.39
5	34.87	23.38	51.22	0.45	23.73	23.75
10	35.41	22.17	50.66	0.55	24.48	24.52
15	35.71	21.26	50.09	0.25	24.96	25.03
20	35.80	20.16	49.07	0.19	25.33	25.42
25	35.82	19.54	48.44	0.18	25.51	25.62
30	35.82	19.11	48.00	0.13	25.61	25.75
35	35.81	18.76	47.63	0.19	25.70	25.86
40	35.80	18.65	47.52	0.29	25.72	25.90
45	35.80	18.12	46.97	0.31	25.85	26.05
50	35.79	17.97	46.81	0.21	25.88	26.10
55	35.78	17.63	46.45	0.42	25.97	26.21
60	35.77	17.51	46.32	0.60	25.98	26.25

Table 1-6-2 The data for salinity calibration

The 3rd survey (25 Jul. – 13 Aug. 2001)

	CLOROTECH (X)	SALINOMETER (Y)
St.02	35.37	35.553
St.03	35.06	35.266
St.06	35.79	35.886
St.27	35.13	35.450
St.39	33.81	34.370
St.40	34.51	34.871

Regression line : $Y=0.7726X + 8.2356$ (R2=0.9934)

The 4th survey (29 Oct. – 16 Nov. 2001)

	CLOROTECH (X)	SALINOMETER (Y)
St.05	35.01	35.200
St.06	34.96	35.222
St.21	34.97	35.156
St.22	35.24	35.421
St.27	35.15	35.333
St.28	35.38	35.553
St.36	35.21	35.443
St.37	35.19	35.509

Regression line : $Y=0.9503X + 1.9606$ (R2=0.8828)

The 5th survey (20 Jul. – 5 Aug. 2002)

	CLOROTECH (X)	SALINOMETER (Y)
St.06	35.58	35.178
St.08	35.78	35.355
St.28	34.94	34.630
St.29	35.22	34.980
St.33	34.01	33.708
St.34	34.78	34.543
St.40	34.92	34.564

Regression line : $Y=0.9286X + 2.1782$ (R2=0.9874)

Table 1-7-1 (1) Catch record

The 2nd survey (4 Oct. - 18 Oct. 2000)

St.1	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Torpedinidae	<i>Torpedo torpedo</i>	19	5.35
2	Rajidae	<i>Raja miraletus</i>	1	0.49
3	Muraenesocidae	<i>Cynoponticus ferox</i>	1	0.42
4	Clupeidae	<i>Ethmalosa fimbriata</i>	1	0.02
5	Scorpaenida	<i>Scorpaena stephanica</i>	1	0.49
6	Carangidae	<i>Chloroscomburus chrysurus</i>	29	0.88
7		<i>Salar macrophthalma</i>	8	0.73
8		<i>Selene dorsalis</i>	196	29.43
9		<i>Alectis alexandrinus</i>	5	0.21
10	Gerreidae	<i>Eucinostomus melanopterus</i>	5	0.34
11	Polynemidae	<i>Galeoides decadactylus</i>	29	1.60
12	Pomadasyidae	<i>Brachydeuterus auritus</i>	440	11.22
13	Sciaenidae	<i>Pseudolithus senegalensis</i>	23	6.95
14		<i>Pteroscion peli</i>	6	0.14
15	Sparidae	<i>Sparus caeruleostictus</i>	140	8.65
16	Drepanidae	<i>Drepane africana</i>	7	0.78
17	Sphyraenidae	<i>Sphyraena guachancho</i>	10	1.31
18	Trichiuridae	<i>Trichiurus lepturus</i>	7	0.85
19	Scombridae	<i>Scomberomorus toritor</i>	1	0.90
20	Bothidae	<i>Syacium micrurum</i>	1	0.11
21	Cynoglossidae	<i>Cynoglossus monodi</i>	2	0.48
22	Tetraodontidae	<i>Ephippion guttiferum</i>	2	0.72
23	Diodontidae	<i>Chilomycterus antennatus</i>	2	0.55
Crustacea				
24	Calappidae	<i>Calappa pelii</i>	1	0.13
25	Squillidae	<i>Squilla cadenati</i>	1	0.04
Mollusca				
26	Sepiidae	<i>Sepia officinalis</i>	19	5.41
Total			957	78.20

St.2	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Torpedinidae	<i>Torpedo torpedo</i>	1	0.19
2	Rajidae	<i>Raja miraletus</i>	5	2.53
3	Serranidae	<i>Epinephelus aeneus</i>	3	6.49
4	Echeneidae	<i>Echeneis sp.</i>	1	0.02
5	Carangidae	<i>Selar macrophthalmus</i>	1	0.26
6		<i>Selene dorsalis</i>	8	3.07
7	Lutjanidae	<i>Lutjanus fulgens</i>	1	0.34
8	Sparidae	<i>Dentex canariensis</i>	25	10.37
9		<i>Sparus caeruleostictus</i>	84	22.23
10		<i>Pagellus bellottii</i>	13	1.84
11	Mullidae	<i>Pseudopeneus prayensis</i>	4	0.42
12	Nemipteridae	<i>Serranus accraensis</i>	4	0.08
13	Bothidae	<i>Syacium micrurum</i>	6	0.39
14	Cynoglossidae	<i>Cynoglossus monodi</i>	1	0.09
15	Balistidae	<i>Balistes capricus</i>	4	2.15
16	Diodontidae	<i>Chilomycterus antennatus</i>	4	0.85
Crustacea				
17	Palinuridae	<i>Panulirus argus</i>	1	0.93
Mollusca				
18	Sepiidae	<i>Sepia officinalis</i>	24	11.14
Total			190	63.38

St.3	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Squatinaidae	<i>Squatina aculeata</i>	1	0.57
2	Rajidae	<i>Raja miraletus</i>	4	2.00
3	Fistulariidae	<i>Fistularia petimba</i>	18	8.61
4	Triglidae	<i>Lepidotrigla cadmani</i>	72	2.81
5	Dactylopteridae	<i>Cephalacanthus volitans</i>	3	1.10
6	Sparidae	<i>Dentex angolensis</i>	46	1.96
7		<i>Dentex congoensis</i>	33	1.16
8		<i>Dentex canariensis</i>	2	0.51
9		<i>Sparus caeruleostictus</i>	54	7.37
10		<i>Pagellus bellottii</i>	63	4.28
11		<i>Boops boops</i>	1	0.05
12	Diodontidae	<i>Chilomycterus antennatus</i>	4	0.90
Crustacea				
13	Palinuridae	<i>Panulirus argus</i>	1	0.14
Mollusca				
14	Sepiidae	<i>Sepia officinalis</i>	30	5.64
15	Loliginidae	<i>Alloteuthis africana</i>	6	0.14
Total			338	37.25

St.4	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Rajidae	<i>Raja miraletus</i>	1	0.54
2	Carangidae	<i>Alectis alexandrinus</i>	3	1.43
3	Sparidae	<i>Dentex canariensis</i>	3	0.73
4		<i>Sparus caeruleostictus</i>	6	2.90
5	Sphyraenidae	<i>Sphyraena guachancho</i>	1	0.39
6	Ostraciontidae	<i>Acanthostracion guineensis</i>	6	1.26
7	Tetraodontidae	<i>Lagocephalus laevis</i>	1	0.13
Crustacea				
8	Calappidae	<i>Calappa pelii</i>	1	0.01
Mollusca				
9	Sepiidae	<i>Sepia officinalis</i>	12	11.24
Total			34	18.64

Table 1-7-1 (2) Catch record

The 2nd survey (4 Oct. - 18 Oct. 2000)

St.6	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Rajidae	<i>Raja miraletus</i>	12	5.44
2	Platycephalidae	<i>Grammophites gruveli</i>	3	0.07
3	Carangidae	<i>Chloroscomburus chrysurus</i>	1	0.08
4	Pomadasyidae	<i>Brachydeuterus auritus</i>	45	2.25
5		<i>Pomadasys incisus</i>	4	0.39
6	Sciaenidae	<i>Umbrina canariensis</i>	3	0.30
7	Sparidae	<i>Dentex canariensis</i>	1	0.34
8		<i>Sparus caeruleostictus</i>	55	7.15
9		<i>Pagellus bellottii</i>	102	6.38
10		<i>Boops boops</i>	6	0.34
11	Mullidae	<i>Pseudopeneus prayensis</i>	1	0.67
12	Nemipteridae	<i>Serranus accraensis</i>	2	0.06
13	Bothidae	<i>Syacium micrurum</i>	3	0.19
14	Soleidae	<i>Dicologlossa hexaphthalma</i>	1	0.06
15	Diodontidae	<i>Chilomycterus antennatus</i>	4	0.52
Crustacea				
16	Squillidae	<i>Squilla cadenati</i>	2	0.05
17	Calappidae	<i>Calappa polii</i>	7	0.91
Mollusca				
18	Sepiidae	<i>Sepia officinalis</i>	3	0.07
Total			255	25.25

St.6	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Squatinae	<i>Squatina aculeata</i>	3	1.91
2	Torpedinidae	<i>Torpedo torpedo</i>	1	0.48
3	Rajidae	<i>Raja miraletus</i>	1	0.55
4	Fistulariidae	<i>Fistularia petimba</i>	59	2.90
5	Platycephalidae	<i>Grammophites gruveli</i>	1	0.02
6	Triglidae	<i>Lepidotrigla cadmani</i>	206	7.68
7	Priacanthidae	<i>Priacanthus arenatus</i>	2	0.27
8	Carangidae	<i>Decapterus rhonchus</i>	1	0.04
9		<i>Selar macrophthalmus</i>	1	0.06
10	Pomadasyidae	<i>Brachydeuterus auritus</i>	75	4.75
11		<i>Pomadasys incisus</i>	133	6.39
12	Sparidae	<i>Dentex angolensis</i>	4	0.16
13		<i>Dentex congoensis</i>	525	7.10
14		<i>Dentex canariensis</i>	1	0.16
15		<i>Sparus caeruleostictus</i>	54	4.77
16		<i>Pagellus bellottii</i>	725	35.25
17	Mullidae	<i>Pseudopeneus prayensis</i>	6	0.45
18	Nemipteridae	<i>Serranus accraensis</i>	7	0.14
19	Soleidae	<i>Dicologlossa hexaphthalma</i>	1	0.04
20	Diodontidae	<i>Chilomycterus antennatus</i>	2	0.42
Mollusca				
21	Sepiidae	<i>Sepia officinalis</i>	80	9.48
Total			1,888	83.00

St.7	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Rhinobatidae	<i>Rhinobatos irvinei</i>	1	0.94
2	Platyrrhinidae	<i>Zanobatus schoenlenii</i>	1	0.31
3	Fistulariidae	<i>Fistularia petimba</i>	11	1.73
4	Scorpaenidae	<i>Helicolenus dactylopterus</i>	2	0.32
5	Dactylopteridae	<i>Cephalacanthus volitans</i>	14	5.75
6	Serranidae	<i>Rypticus saponaceus</i>	2	0.38
7	Priacanthidae	<i>Priacanthus arenatus</i>	2	0.24
8	Sparidae	<i>Dentex canariensis</i>	20	5.45
9		<i>Pagellus bellottii</i>	35	3.28
10	Mullidae	<i>Pseudopeneus prayensis</i>	7	0.77
11	Labridae	<i>Bodianus speciosus</i>	1	1.26
12	Balistidae	<i>Balistes punctatus</i>	114	46.63
13	Monacanthidae	<i>Alutera schoepffii</i>	3	0.94
14		<i>Alutera monoceros</i>	3	2.32
15	Ostraciontidae	<i>Acanthostracion guineensis</i>	107	19.86
16	Tetraodontidae	<i>Lagocephalus laevigatus</i>	1	0.82
17	Diodontidae	<i>Chilomycterus antennatus</i>	2	0.88
Crustacea				
18	Palinuridae	<i>Panulirus argus</i>	1	0.71
Mollusca				
19	Sepiidae	<i>Sepia officinalis</i>	4	1.50
Reptile				
20		<i>Chelonia mydas</i>	3	120.00
Total			334	214.08

St.8	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Platyrrhinidae	<i>Zanobatus schoenlenii</i>	1	0.39
2	Torpedinidae	<i>Torpedo torpedo</i>	2	0.23
3	Rajidae	<i>Raja miraletus</i>	13	4.25
4	Zeidae	<i>Zeus feber</i>	1	0.69
5	Fistulariidae	<i>Fistularia petimba</i>	15	3.87
6	Triglidae	<i>Lepidotrigla cadmani</i>	2	0.09
7		<i>Trigla lyra</i>	1	0.05
8	Dactylopteridae	<i>Cephalacanthus volitans</i>	43	14.47
9	Priacanthidae	<i>Priacanthus arenatus</i>	3	0.20
10	Serranidae	<i>Rypticus saponaceus</i>	11	0.32
11	Carangidae	<i>Chloroscomburus chrysurus</i>	536	4.74
12		<i>Alectis alexandrinus</i>	2	3.14
13	Pomadasyidae	<i>Brachydeuterus auritus</i>	1	0.01
14	Sparidae	<i>Dentex angolensis</i>	8	4.65
15		<i>Dentex congoensis</i>	25	4.52
16		<i>Dentex canariensis</i>	1	0.15
17		<i>Pagellus bellottii</i>	202	11.65
18	Mullidae	<i>Pseudopeneus prayensis</i>	7	0.45
19	Chaetodontidae	<i>Chaetodon hoefleri</i>	1	0.04
20	Uranoscopidae	<i>Uranoscopus polli</i>	2	0.16
21	Psettodidae	<i>Psettodes belcheri</i>	4	2.51
22	Bothidae	<i>Syacium micrurum</i>	17	1.28
23	Cynoglossidae	<i>Cynoglossus monodi</i>	5	1.11
24	Monacanthidae	<i>Alutera schoepffii</i>	1	0.56
25	Ostraciontidae	<i>Acanthostracion guineensis</i>	4	0.85
26	Tetraodontidae	<i>Lagocephalus laevigatus</i>	3	0.89
27	Diodontidae	<i>Chilomycterus antennatus</i>	4	0.98
Mollusca				
28	Volutidae	<i>Cymbium cymbium</i>	1	0.53
29	Sepiidae	<i>Sepia officinalis</i>	8	4.44
Total			924	67.22

Table 1-7-1 (3) Catch record

The 2nd survey (4 Oct. - 18 Oct. 2000)

St. 9	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Rajidae	<i>Raja miraletus</i>	16	6.58
2	Synodontidae	<i>Synodus saurus</i>	1	0.10
3	Zeidae	<i>Zeus feber</i>	3	2.18
4	Fistulariidae	<i>Fistularia petimba</i>	43	2.24
5	Triglidae	<i>Lepidotrigla cadmani</i>	70	2.73
6	Dactylopteridae	<i>Cephalacanthus volitans</i>	34	7.17
7	Serranidae	<i>Epinephelus aeneus</i>	5	7.43
8	Priacanthidae	<i>Priacanthus arenatus</i>	106	7.83
9	Serranidae	<i>Anthias anthias</i>	3	0.04
10	Carangidae	<i>Caranx crysos</i>	1	0.16
11		<i>Chloroscomburus chrysurus</i>	4	0.17
12		<i>Decapterus punctatus</i>	2	0.05
13		<i>Selar macrophthalmus</i>	53	11.48
14	Pomadasyidae	<i>Brachydeuterus auritus</i>	138	7.21
15		<i>Pomadasyis incisus</i>	230	17.98
16	Sparidae	<i>Dentex canariensis</i>	37	8.68
17		<i>Sparus caeruleostictus</i>	294	15.65
18		<i>Pagellus bellottii</i>	1,174	68.84
19		<i>Boops boops</i>	26	0.74
20	Mullidae	<i>Pseudoupeneus prayensis</i>	256	24.54
21	Chaetodontidae	<i>Bauchotia marcellae</i>	1	0.03
22		<i>Chaetodon hoefleri</i>	4	0.29
23	Pomacentridae	<i>Chromis chromis</i>	1	0.05
24	Bothidae	<i>Syacium micrurum</i>	18	0.94
25	Balistidae	<i>Balistes punctatus</i>	4	1.67
26	Monacanthidae	<i>Stephanolepis hispidus</i>	22	3.42
27	Tetraodontidae	<i>Lagocephalus laevis</i>	1	0.45
28		<i>Sphoeroides marmoratus</i>	1	0.04
29	Diodontidae	<i>Chilomycterus antennatus</i>	6	1.43
Mollusca				
30	Volutidae	<i>Cymbium cymbium</i>	2	1.33
31	Sepiidae	<i>Sepia officinalis</i>	251	23.39
Total			2,806	224.84

St. 10	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Rajidae	<i>Raja miraletus</i>	1	0.05
2	Carangidae	<i>Alectis alexandrinus</i>	28	23.17
3	Gerreidae	<i>Eucinostomus melanopterus</i>	2	0.25
4	Pomadasyidae	<i>Brachydeuterus auritus</i>	1	0.08
5	Sparidae	<i>Sparus caeruleostictus</i>	7	0.22
6		<i>Pagellus bellottii</i>	1	0.18
7	Platacidae	<i>Chaetodipterus lippei</i>	1	0.32
8	Bothidae	<i>Syacium micrurum</i>	7	0.64
9	Tetraodontidae	<i>Ephippion guttiferum</i>	1	0.29
Mollusca				
10	Sepiidae	<i>Sepia officinalis</i>	6	2.77
Total			55	27.96

St. 11	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Rajidae	<i>Raja miraletus</i>	7	2.72
2	Lophiidae	<i>Lophiodes kempii</i>	1	0.05
3	Triglidae	<i>Lepidotrigla cadmani</i>	19	0.52
4	Dactylopteridae	<i>Cephalacanthus volitans</i>	3	0.56
5	Serranidae	<i>Epinephelus aeneus</i>	5	3.77
6	Priacanthidae	<i>Priacanthus arenatus</i>	136	12.85
7	Carangidae	<i>Chloroscomburus chrysurus</i>	2	0.07
8	Pomadasyidae	<i>Brachydeuterus auritus</i>	1	0.07
9		<i>Plectorhynchus mediterraneus</i>	1	0.46
10	Sparidae	<i>Dentex congoensis</i>	4	0.05
11		<i>Dentex canariensis</i>	12	2.80
12		<i>Sparus caeruleostictus</i>	528	19.58
13		<i>Pagellus bellottii</i>	109	5.78
14	Mullidae	<i>Pseudoupeneus prayensis</i>	68	5.77
15	Chaetodontidae	<i>Bauchotia marcellae</i>	1	0.03
16	Labridae	<i>Coris julis</i>	1	0.05
17	Nemipteridae	<i>Serranus accraensis</i>	6	0.16
18	Acanthuridae	<i>Acanthurus monroviae</i>	6	4.12
19	Bothidae	<i>Syacium micrurum</i>	3	0.37
20	Cynoglossidae	<i>Cynoglossus monodi</i>	6	0.94
21	Diodontidae	<i>Chilomycterus antennatus</i>	2	0.57
Mollusca				
22	Sepiidae	<i>Sepia officinalis</i>	44	21.78
Total			964	83.05

St. 12	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Rajidae	<i>Raja miraletus</i>	11	5.00
2	Zeidae	<i>Zeus feber</i>	3	1.53
3	Fistulariidae	<i>Fistularia petimba</i>	71	2.04
4	Platycephalidae	<i>Grammophiles gruvei</i>	1	0.02
5	Scorpaenidae	<i>Scorpaena stephanica</i>	1	0.03
6	Triglidae	<i>Lepidotrigla cadmani</i>	581	21.32
7	Dactylopteridae	<i>Cephalacanthus volitans</i>	5	0.96
8	Serranidae	<i>Epinephelus aeneus</i>	1	1.75
9		<i>Rypticus saponaceus</i>	1	0.06
10		<i>Epinephelus goreensis</i>	1	0.71
11	Priacanthidae	<i>Priacanthus arenatus</i>	79	8.14
12	Pomadasyidae	<i>Brachydeuterus auritus</i>	1	0.07
13		<i>Apsilus fuscus</i>	1	0.13
14	Sparidae	<i>Dentex canariensis</i>	101	27.59
15		<i>Dentex gibbosus</i>	12	1.83
16		<i>Sparus caeruleostictus</i>	341	27.96
17		<i>Pagellus bellottii</i>	425	30.07
18	Mullidae	<i>Pseudoupeneus prayensis</i>	222	25.71
19	Chaetodontidae	<i>Chaetodon hoefleri</i>	1	0.06
20	Pomacanthidae	<i>Holacanthus africanus</i>	1	0.14
21	Pomacentridae	<i>Chromis chromis</i>	30	0.71
22	Labridae	<i>Bodianus speciosus</i>	2	0.80
23	Nemipteridae	<i>Serranus accraensis</i>	2	0.04
24	Bothidae	<i>Syacium micrurum</i>	2	0.15
25	Cynoglossidae	<i>Cynoglossus monodi</i>	1	0.16
26	Diodontidae	<i>Chilomycterus antennatus</i>	4	0.85
Mollusca				
27	Sepiidae	<i>Sepia officinalis</i>	28	7.46
Total			1,929	165.28

Table 1-7-1 (4) Catch record

The 2nd survey (4 Oct. - 18 Oct. 2000)

St. 14	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Platyrrhinidae	<i>Zanobatus schoenlenii</i>	1	0.34
2	Torpedinidae	<i>Torpedo torpedo</i>	1	0.49
3		<i>Torpedo marmorata</i>	1	5.65
4	Dasyatidae	<i>Himantura margarita</i>	18	8.25
5	Muraenidae	<i>Muraena melanotis</i>	1	0.02
6	Fistulariidae	<i>Fistularia petimba</i>	5	1.86
7	Cottidae	<i>Halobatrachus didactylus</i>	5	1.36
8	Serranidae	<i>Rypticus saponaceus</i>	5	0.77
9	Priacanthidae	<i>Priacanthus arenatus</i>	67	8.96
10	Carangidae	<i>Chloroscomburus chrysurus</i>	3	0.57
11		<i>Alectis alexandrinus</i>	4	1.87
12	Lutjanidae	<i>Lutjanus fulgens</i>	19	2.24
13		<i>Lutjanus agennes</i>	1	2.36
14	Lethrinidae	<i>Lethrinus atlanticus</i>	160	28.31
15	Sparidae	<i>Dentex canariensis</i>	105	14.65
16		<i>Sparus caeruleostictus</i>	290	23.65
17		<i>Pagellus bellottii</i>	32	1.51
18	Mullidae	<i>Pseudoupenus prayensis</i>	79	10.09
19	Platacidae	<i>Chaetodipterus lippei</i>	1	0.23
20	Chaetodontidae	<i>Chaetodon hoefleri</i>	10	0.82
21	Pomacanthidae	<i>Holacanthus africanus</i>	2	0.48
22	Labridae	<i>Bodianus speciosus</i>	7	3.24
23	Scaridae	<i>Spariosoma rubripinno</i>	11	5.34
24	Acanthuridae	<i>Acanthurus monroviae</i>	11	3.26
25	Bothidae	<i>Syacium micrurum</i>	4	0.22
26	Cynoglossidae	<i>Cynoglossus monodi</i>	4	1.48
27	Balistidae	<i>Balistes punctatus</i>	67	31.74
28	Monacanthidae	<i>Alutera schoepfii</i>	5	2.63
29		<i>Stephanolepis hispidus</i>	27	3.68
30	Ostraciontidae	<i>Acanthostracion guineensis</i>	80	16.36
31	Tetraodontidae	<i>Lagocephalus laevigatus</i>	3	2.27
32		<i>Ephippion guttiferum</i>	3	8.95
33	Diadontidae	<i>Chilomycterus antennatus</i>	1	0.49
34		<i>Diodon hystrix</i>	3	1.42
Mollusca				
35	Sepiidae	<i>Sepia officinalis</i>	8	7.99
Total			1,044	203.57

St. 15	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Torpedinidae	<i>Torpedo torpedo</i>	2	0.46
2	Scorpaenidae	<i>Scorpaena stephanica</i>	2	0.54
3	Serranidae	<i>Epinephelus aeneus</i>	3	2.24
4	Priacanthidae	<i>Priacanthus arenatus</i>	7	0.67
5	Carangidae	<i>Chloroscomburus chrysurus</i>	3	0.66
6	Lethrinidae	<i>Lethrinus atlanticus</i>	16	6.14
7	Sparidae	<i>Dentex canariensis</i>	27	5.57
8		<i>Sparus caeruleostictus</i>	164	17.62
9		<i>Pagellus bellottii</i>	10	1.46
10	Mullidae	<i>Pseudoupenus prayensis</i>	62	0.91
11	Chaetodontidae	<i>Chaetodon hoefleri</i>	2	0.17
12	Scaridae	<i>Spariosoma rubripinno</i>	2	1.55
13	Acanthuridae	<i>Acanthurus monroviae</i>	1	0.30
14	Psettodidae	<i>Psettodes belcheri</i>	1	0.25
15	Bothidae	<i>Syacium micrurum</i>	47	3.47
16	Soleidae	<i>Dicologlossa hexaphthalma</i>	1	0.09
17	Balistidae	<i>Balistes capricus</i>	1	0.24
18		<i>Balistes punctatus</i>	29	12.99
19	Monacanthidae	<i>Alutera schoepfii</i>	3	1.52
20		<i>Stephanolepis hispidus</i>	1	0.09
21	Ostraciontidae	<i>Acanthostracion guineensis</i>	3	0.68
22	Diodontidae	<i>Diodon hystrix</i>	1	0.88
Crustacea				
23		<i>Calappa pelii</i>	1	0.25
Mollusca				
24	Sepiidae	<i>Sepia officinalis</i>	17	10.40
Total			405	68.03

St. 16	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Rajidae	<i>Raja miraletus</i>	2	0.68
2	Synodontidae	<i>Saurida brasiliensis</i>	1	0.09
3	Zeidae	<i>Zeus feber</i>	1	0.69
4	Scorpaenidae	<i>Scorpaena stephanica</i>	1	0.45
5	Cottidae	<i>Halobatrachus didactylus</i>	1	0.17
6	Triglidae	<i>Lepidotrigla cadmani</i>	1	0.08
7	Dactylopteridae	<i>Cephalacanthus volitans</i>	19	5.01
8	Serranidae	<i>Rypticus saponaceus</i>	1	0.12
9	Priacanthidae	<i>Priacanthus arenatus</i>	6	1.08
10	Carangidae	<i>Seriola dumerilii</i>	1	0.34
11	Lutjanidae	<i>Lutjanus fulgens</i>	1	0.51
12	Sparidae	<i>Sparus caeruleostictus</i>	71	9.67
13		<i>Pagellus bellottii</i>	1	0.13
14	Mullidae	<i>Pseudoupenus prayensis</i>	12	2.10
15	Acanthuridae	<i>Acanthurus monroviae</i>	1	0.35
16	Bothidae	<i>Syacium micrurum</i>	20	3.74
17		<i>Bothus podas</i>	1	0.02
18	Balistidae	<i>Balistes punctatus</i>	4	1.81
19	Monacanthidae	<i>Stephanolepis hispidus</i>	5	0.88
20		<i>Alutera monoceros</i>	2	1.12
21	Tetraodontidae	<i>Lagocephalus laevigatus</i>	1	0.36
22	Diodontidae	<i>Chilomycterus antennatus</i>	1	0.32
23		<i>Diodon hystrix</i>	1	0.92
Crustacea				
24		<i>Panulirus argus</i>	1	1.07
Mollusca				
25	Sepiidae	<i>Sepia officinalis</i>	13	6.19
Total			169	37.86

Table 1-7-1 (5) Catch record

The 2nd survey (4 Oct. - 18 Oct. 2000)

St.17	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Rajidae	<i>Raja miraletus</i>	2	1.18
2	Zeidae	<i>Zeus feber</i>	2	1.98
3	Fistulariidae	<i>Fistularia petimba</i>	1	0.03
4	Scorpaenidae	<i>Scorpaena stephanica</i>	13	1.64
5	Cottidae	<i>Halobatrachus didactylus</i>	1	0.08
6	Triglidae	<i>Lepidotrigla cadmani</i>	8	0.82
7		<i>Chelidonichthys lastoviza</i>	1	0.14
8	Dactylopteridae	<i>Cephalacanthus volitans</i>	28	8.29
9	Serranidae	<i>Epinephelus aeneus</i>	1	3.46
10		<i>Rypticus saponaceus</i>	6	0.65
11	Priacanthidae	<i>Priacanthus arenatus</i>	20	2.82
12	Sparidae	<i>Dentex canariensis</i>	2	0.63
13		<i>Sparus caeruleostictus</i>	6	1.04
14		<i>Pagellus bellottii</i>	1	0.17
15	Mullidae	<i>Pseudopeneus prayensis</i>	5	1.14
16	Labridae	<i>Coris julis</i>	1	0.15
17	Bothidae	<i>Syacium micrurum</i>	42	3.82
18		<i>Bothus podas</i>	1	0.04
19	Balistidae	<i>Balistes punctatus</i>	4	2.06
20	Monacanthidae	<i>Stephanolepis hispidus</i>	12	1.89
21	Ostraciontidae	<i>Acanthostracion guineensis</i>	1	0.23
22	Diodontidae	<i>Chilomycterus antennatus</i>	4	1.44
Mollusca				
23	Sepiidae	<i>Sepia officinalis</i>	36	6.26
24	Octopodidae	<i>Octopus vulgaris</i>	3	8.73
Total			201	48.68

St.18	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Rajidae	<i>Raja miraletus</i>	10	6.25
2	Zeidae	<i>Zeus feber</i>	2	1.65
3	Fistulariidae	<i>Fistularia petimba</i>	3	0.28
4	Scorpaenidae	<i>Scorpaena stephanica</i>	1	0.12
5	Triglidae	<i>Lepidotrigla cadmani</i>	15	2.20
6	Dactylopteridae	<i>Cephalacanthus volitans</i>	12	4.22
7	Serranidae	<i>Epinephelus aeneus</i>	1	1.92
8		<i>Epinephelus taeniops</i>	1	0.44
9	Priacanthidae	<i>Priacanthus arenatus</i>	6	0.47
10	Lutjanidae	<i>Lutjanus fulgens</i>	1	0.45
11	Sparidae	<i>Dentex canariensis</i>	7	3.15
12		<i>Dentex gibbosus</i>	7	5.03
13		<i>Sparus caeruleostictus</i>	8	2.51
14		<i>Pagellus bellottii</i>	19	2.52
15		<i>Boops boops</i>	1	0.00
16	Mullidae	<i>Pseudopeneus prayensis</i>	64	10.12
17	Chaetodontidae	<i>Bauchotia marcellae</i>	9	0.28
18	Pomacentridae	<i>Chromis chromis</i>	273	15.96
19	Labridae	<i>Bodianus speciosus</i>	1	0.24
20	Bothidae	<i>Syacium micrurum</i>	26	2.21
Mollusca				
21	Sepiidae	<i>Sepia officinalis</i>	58	3.76
22	Octopodidae	<i>Octopus vulgaris</i>	1	2.42
Total			526	66.21

St.19	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Torpedinidae	<i>Torpedo torpedo</i>	1	0.64
2	Rajidae	<i>Raja miraletus</i>	21	9.93
3	Holocentridae	<i>Holocentrus hastatus</i>	1	0.14
4	Zeidae	<i>Zeus feber</i>	3	1.71
5	Fistulariidae	<i>Fistularia petimba</i>	2	0.02
6	Triglidae	<i>Lepidotrigla cadmani</i>	59	6.60
7	Dactylopteridae	<i>Cephalacanthus volitans</i>	9	2.39
8	Serranidae	<i>Epinephelus taeniops</i>	1	0.31
9		<i>Anthias anthias</i>	1	0.04
10	Priacanthidae	<i>Priacanthus arenatus</i>	34	1.92
11	Pomadasyidae	<i>Apsilus fuscus</i>	2	0.44
12	Sparidae	<i>Dentex canariensis</i>	18	9.95
13		<i>Dentex gibbosus</i>	2	0.26
14		<i>Sparus caeruleostictus</i>	44	71.95
15		<i>Pagellus bellottii</i>	410	42.81
16		<i>Boops boops</i>	2	0.03
17	Mullidae	<i>Pseudopeneus prayensis</i>	126	19.06
18	Chaetodontidae	<i>Bauchotia marcellae</i>	4	0.15
19	Pomacentridae	<i>Chromis chromis</i>	1,024	104.46
20	Labridae	<i>Bodianus speciosus</i>	1	0.27
21	Trachinidae	<i>Trachinus radiatus</i>	1	0.67
22	Bothidae	<i>Syacium micrurum</i>	1	0.06
23	Tetraodontidae	<i>Sphoeroides cutaneus</i>	6	1.34
Mollusca				
24	Sepiidae	<i>Sepia officinalis</i>	80	5.32
Total			1,853	280.48

St.20	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Zeidae	<i>Zeus feber</i>	19	1.40
2	Fistulariidae	<i>Fistularia tabacaria</i>	1	0.24
3	Carangidae	<i>Selar macrophthalmus</i>	2	0.45
4		<i>Decapterus rhonchus</i>	2	0.00
5		<i>Chloroscomburus chrysurus</i>	7	0.02
6	Sparidae	<i>Dentex canariensis</i>	6	0.20
7		<i>Sparus caeruleostictus</i>	7	0.28
8		<i>Pagellus bellottii</i>	25	3.16
9	Mullidae	<i>Pseudopeneus prayensis</i>	5	0.60
10	Labridae	<i>Xyrichtys novacula</i>	12	1.28
11	Citharidae	<i>Citharus macrolepidotus</i>	1	0.27
12	Bothidae	<i>Syacium micrurum</i>	1	0.07
13	Monacanthidae	<i>Alutera monoceros</i>	2	1.87
14	Tetraodontidae	<i>Lagocephalus laevigatus</i>	2	1.84
Mollusca				
15	Sepiidae	<i>Sepia officinalis</i>	10	9.45
Total			102	21.12

Table 1-7-1 (6) Catch record

The 2nd survey (4 Oct - 18 Oct. 2000)

St.21	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Synodontidae	<i>Saurida brasiliensis</i>	2	0.17
2	Priacanthidae	<i>Priacanthus arenatus</i>	47	4.04
3	Carangidae	<i>Decapterus punctatus</i>	5	0.07
4	Sparidae	<i>Dentex canariensis</i>	1	0.06
5		<i>Sparus caeruleostictus</i>	3	0.21
6		<i>Pagellus bellottii</i>	12	0.46
7	Labridae	<i>Xyrichthys novacula</i>	9	0.94
8	Bothidae	<i>Syacium micrurum</i>	1	0.07
Mollusca				
9	Sepiidae	<i>Sepia officinalis</i>	29	16.65
Total			108	21.67

St.22	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Rajidae	<i>Raja miraletus</i>	2	0.73
2	Synodontidae	<i>Saurida brasiliensis</i>	13	2.05
3	Zeidae	<i>Zeus feber</i>	1	0.07
4	Dactylopteridae	<i>Cephalacanthus volitans</i>	2	0.43
5	Serranidae	<i>Epinephelus aeneus</i>	1	1.22
6	Priacanthidae	<i>Priacanthus arenatus</i>	41	3.26
7	Sparidae	<i>Dentex canariensis</i>	3	0.59
8		<i>Sparus caeruleostictus</i>	40	3.10
9		<i>Pagellus bellottii</i>	1,041	77.86
10	Mullidae	<i>Pseudopeneus prayensis</i>	9	1.17
11	Labridae	<i>Xyrichthys novacula</i>	2	0.18
12	Uranoscopidae	<i>Uranoscopus polli</i>	1	0.37
13	Bothidae	<i>Syacium micrurum</i>	32	2.19
14		<i>Bothus podas</i>	15	0.45
15	Soleidae	<i>Dicologlossa hexaphthalma</i>	1	0.09
16	Balistidae	<i>Balistes capriscus</i>	7	1.19
17	Tetraodontidae	<i>Lagocephalus laevigatus</i>	1	0.18
Crustacea				
18		<i>Calappa pelii</i>	11	2.71
Mollusca				
19	Sepiidae	<i>Sepia officinalis</i>	43	9.32
Total			1,266	107.15

St.23	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Torpedinidae	<i>Torpedo torpedo</i>	2	0.91
2	Rajidae	<i>Raja miraletus</i>	7	3.84
3	Dasyatidae	<i>Dasyatis marmorata</i>	1	1.35
4	Zeidae	<i>Zeus feber</i>	1	0.50
5	Platycephalidae	<i>Grammopites gruveli</i>	1	0.05
6	Dactylopteridae	<i>Cephalacanthus volitans</i>	6	2.40
7	Priacanthidae	<i>Priacanthus arenatus</i>	6	2.51
8	Carangidae	<i>Seriola dumerili</i>	1	0.72
9	Lutjanidae	<i>Lutjanus fulgens</i>	1	0.20
10	Pomadasyidae	<i>Apsilus fuscus</i>	7	0.81
11	Sparidae	<i>Dentex canariensis</i>	3	1.23
12		<i>Sparus caeruleostictus</i>	27	4.85
13		<i>Pagellus bellottii</i>	97	8.77
14	Mullidae	<i>Pseudopeneus prayensis</i>	6	0.79
15	Pomacentridae	<i>Chromis chromis</i>	32	1.60
16	Acanthuridae	<i>Acanthurus monroviae</i>	20	9.78
17	Bothidae	<i>Syacium micrurum</i>	47	4.97
18		<i>Bothus podas</i>	1	0.02
19	Balistidae	<i>Balistes capriscus</i>	3	1.70
20	Monacanthidae	<i>Alutera schoepfii</i>	2	3.03
21	Diodontidae	<i>Chilomycterus antennatus</i>	3	0.53
22		<i>Diodon hystrix</i>	1	0.92
Mollusca				
23	Sepiidae	<i>Sepia officinalis</i>	8	2.52
Total			283	54.21

St.24	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Rajidae	<i>Raja miraletus</i>	4	2.15
2	Fistulariidae	<i>Fistularia petimba</i>	1	0.02
3	Triglidae	<i>Lepidotrigla cadmani</i>	8	0.81
4	Dactylopteridae	<i>Cephalacanthus volitans</i>	3	1.42
5	Priacanthidae	<i>Priacanthus arenatus</i>	1	0.06
6	Carangidae	<i>Decapterus rhonchus</i>	13	1.17
7	Sparidae	<i>Dentex canariensis</i>	2	0.42
8		<i>Dentex gibbosus</i>	2	0.35
9		<i>Sparus caeruleostictus</i>	6	0.86
10		<i>Pagellus bellottii</i>	126	9.77
11	Mullidae	<i>Pseudopeneus prayensis</i>	10	1.53
12	Pomacentridae	<i>Chromis chromis</i>	4	0.37
13	Bothidae	<i>Syacium micrurum</i>	21	2.21
Mollusca				
14	Sepiidae	<i>Sepia officinalis</i>	7	0.59
Total			208	21.72

Table 1-7-1 (7) Catch record

The 2nd survey (4 Oct. - 18 Oct. 2000)

St.25	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Torpedinidae	<i>Torpedo torpedo</i>	1	0.51
2	Rajidae	<i>Raja miraletus</i>	9	4.62
3	Dasyatidae	<i>Dasyatis marmorata</i>	1	3.06
4	Holocentridae	<i>Holocentrus hastatus</i>	3	0.65
5	Fistulariidae	<i>Fistularia petimba</i>	2	0.23
6	Triglidae	<i>Lepidotrigla cadmani</i>	34	2.96
7	Dactylopteridae	<i>Cephalacanthus volitans</i>	43	12.10
8	Serranidae	<i>Anthias anthias</i>	1	0.03
9	Priacanthidae	<i>Priacanthus arenatus</i>	1	0.07
10	Carangidae	<i>Decapterus punctatus</i>	25	1.35
11	Lutjanidae	<i>Lutjanus fulgens</i>	20	7.77
12	Pomadasyidae	<i>Apsilus fuscus</i>	7	1.71
13	Sparidae	<i>Dentex canariensis</i>	27	13.82
14		<i>Dentex gibbosus</i>	9	4.01
15		<i>Sparus caeruleostictus</i>	46	19.94
16		<i>Pagellus bellottii</i>	61	4.38
17		<i>Boops boops</i>	3	0.25
18	Mullidae	<i>Pseudupeneus prayensis</i>	51	6.41
19	Pomacanthidae	<i>Holacanthus africanus</i>	1	0.16
20	Pomacentridae	<i>Chromis chromis</i>	710	67.83
21	Trachinidae	<i>Trachinus radiatus</i>	1	0.68
22	Acanthuridae	<i>Acanthurus monroviae</i>	3	2.81
23	Bothidae	<i>Syacium micrurum</i>	18	1.58
24	Diodontidae	<i>Chilomycterus antennatus</i>	6	1.92
Mollusca				
25	Sepiidae	<i>Sepia officinalis</i>	17	0.74
Total			1,100	159.59

St.27	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Rajidae	<i>Raja miraletus</i>	1	0.07
2	Synodontidae	<i>Synodus saurusA</i>	1	0.12
3		<i>Saurida brasiliensis</i>	12	1.23
4	Platycephalidae	<i>Grammolites gruveli</i>	2	0.14
5	Priacanthidae	<i>Priacanthus arenatus</i>	78	4.01
6	Carangidae	<i>Decapterus rhonchus</i>	3	0.40
7		<i>Decapterus punctatus</i>	5	0.13
8	Pomadasyidae	<i>Brachydeuterus auritus</i>	19	0.82
9	Sparidae	<i>Dentex canariensis</i>	31	1.89
10		<i>Sparus caeruleostictus</i>	98	4.85
11		<i>Pagellus bellottii</i>	1,182	67.38
12		<i>Boops boops</i>	2	0.07
13	Mullidae	<i>Pseudupeneus prayensis</i>	66	5.55
14	Labridae	<i>Xyrichtys novacula</i>	11	1.33
15	Scombridae	<i>Scomberomorus tritor</i>	1	3.66
16	Psettodidae	<i>Psettodes belcheri</i>	1	0.33
17	Bothidae	<i>Syacium micrurum</i>	13	0.53
18		<i>Bothus podas</i>	3	0.06
19	Balistidae	<i>Balistes capriscus</i>	2	0.39
20	Tetraodontidae	<i>Lagocephalus laevigatus</i>	1	0.17
Crustacea				
21		<i>Calappa pelii</i>	1	0.26
Mollusca				
22	Loliginidae	<i>Alloteuthis africana</i>	1	0.01
23	Sepiidae	<i>Sepia officinalis</i>	44	19.44
Total			1,578	112.84

St.26	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Ophichthidae	<i>Apterichthys anguiformis</i>	1	0.01
2	Clupeidae	<i>Sardinella maderensis</i>	1	0.05
3		<i>Sardinella aurita</i>	11	0.40
4	Dactylopteridae	<i>Cephalacanthus volitans</i>	1	0.32
5	Priacanthidae	<i>Priacanthus arenatus</i>	1,416	44.01
6	Carangidae	<i>Decapterus rhonchus</i>	850	37.74
7		<i>Decapterus punctatus</i>	23	0.56
8		<i>Chloroscomburus chrysurus</i>	1	0.07
9	Pomadasyidae	<i>Brachydeuterus auritus</i>	1,918	80.79
10		<i>Pomadasyis incisus</i>	64	2.68
11	Sciaenidae	<i>Umbrina canariensis</i>	1	0.06
12	Sparidae	<i>Sparus caeruleostictus</i>	138	4.77
13		<i>Pagellus bellottii</i>	330	14.50
14		<i>Boops boops</i>	280	15.92
15	Mullidae	<i>Pseudupeneus prayensis</i>	25	1.41
16	Labridae	<i>Xyrichtys novacula</i>	3	0.35
17	Trachinidae	<i>Trachinus armatus</i>	3	0.24
18	Scombridae	<i>Scomber japonicus</i>	26	1.26
19	Bothidae	<i>Syacium micrurum</i>	2	0.04
20	Monacanthidae	<i>Balistes capriscus</i>	2	0.31
21	Tetraodontidae	<i>Lagocephalus laevigatus</i>	1	0.31
Crustacea				
22		<i>Calappa pelii</i>	1	0.19
Mollusca				
23	Sepiidae	<i>Sepia officinalis</i>	36	13.81
Total			5,134	219.80

Table 1-7-1 (8) Catch record

The 2nd survey (4 Oct - 18 Oct, 2000)

St.28	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Rhinobatidae	<i>Rhinobatos irvinei</i>	4	3.12
2	Torpedinidae	<i>Torpedo marmorata</i>	1	10.67
3	Rajidae	<i>Raja miraletus</i>	1	0.37
4	Dasyatidae	<i>Dasyatis marmorata</i>	1	0.66
5	Synodontidae	<i>Saurida brasiliensis</i>	5	1.09
6	Holocentridae	<i>Holocentrus hastatus</i>	1	0.16
7	Zeidae	<i>Zeus feber</i>	3	1.22
8	Fistulariidae	<i>Fistularia petimba</i>	1	0.23
9	Triglidae	<i>Lepidotrigla cadmani</i>	8	1.12
10	Dactylopteridae	<i>Cephalacanthus volitans</i>	5	2.12
11	Serranidae	<i>Rypticus saponaceus</i>	1	0.05
12	Priacanthidae	<i>Priacanthus arenatus</i>	8	1.92
13	Lutjanidae	<i>Lutjanus fulgens</i>	3	1.42
14	Lethrinidae	<i>Lethrinus atlanticus</i>	5	1.93
15	Sparidae	<i>Dentex canariensis</i>	28	11.21
16		<i>Sparus caeruleostictus</i>	94	35.50
17		<i>Pagellus bellottii</i>	480	34.52
18	Mullidae	<i>Pseudopenaeus prayensis</i>	125	21.06
19	Chaetodontidae	<i>Chaetodon hoefleri</i>	5	0.53
20	Pomacentridae	<i>Chromis chromis</i>	1	0.01
21	Labridae	<i>Bodianus speciosus</i>	3	3.31
22		<i>Xyrichtys novacula</i>	4	0.46
23	Acanthuridae	<i>Acanthurus monroviae</i>	1	0.18
24	Bothidae	<i>Syacium micrurum</i>	35	4.90
25	Soleidae	<i>Solea senegalensis</i>	7	1.49
26	Balistidae	<i>Balistes capricus</i>	21	4.83
27		<i>Balistes punctatus</i>	18	9.69
28	Monacanthidae	<i>Alutera schoepfii</i>	2	0.62
29		<i>Stephanolepis hispidus</i>	12	1.92
30	Ostraciontidae	<i>Acanthostracion guineensis</i>	6	1.21
Mollusca				
31		<i>Cymbium cymbium</i>	2	5.09
32	Sepiidae	<i>Sepia officinalis</i>	30	14.45
Total			921	177.06

St.29	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Triakidae	<i>Mustelus mustelus</i>	1	1.17
2	Rhinobatidae	<i>Rhinobatos irvinei</i>	2	1.52
3	Rajidae	<i>Raja miraletus</i>	4	2.49
4	Synodontidae	<i>Saurida brasiliensis</i>	15	3.02
5	Zeidae	<i>Zeus feber</i>	1	0.30
6	Cottidae	<i>Halobatrachus didactylus</i>	1	0.09
7	Triglidae	<i>Lepidotrigla cadmani</i>	11	1.28
8	Dactylopteridae	<i>Cephalacanthus volitans</i>	12	3.48
9	Priacanthidae	<i>Priacanthus arenatus</i>	2	0.36
10	Carangidae	<i>Decapterus rhonchus</i>	11	0.84
11	Sparidae	<i>Sparus caeruleostictus</i>	25	6.38
12		<i>Pagellus bellottii</i>	29	29.18
13	Mullidae	<i>Pseudopenaeus prayensis</i>	19	3.66
14	Pomacentridae	<i>Chromis chromis</i>	1	0.03
15	Labridae	<i>Xyrichtys novacula</i>	1	0.09
16	Trachinidae	<i>Trachinus armatus</i>	1	0.13
17	Bothidae	<i>Syacium micrurum</i>	23	3.12
18		<i>Bothus podas</i>	1	0.03
19	Balistidae	<i>Balistes capricus</i>	8	2.71
20		<i>Stephanolepis hispidus</i>	4	0.84
21	Ostraciontidae	<i>Acanthostracion guineensis</i>	1	0.34
Mollusca				
22		<i>Cymbium cymbium</i>	2	0.93
23	Sepiidae	<i>Sepia officinalis</i>	21	10.36
Total			196	72.35

Table 1-7-1 (9) Catch record

The 2nd survey (4 Oct. - 18 Oct. 2000)

St.30	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Triakidae	<i>Mustelus mustelus</i>	1	0.35
2	Rajidae	<i>Raja miraletus</i>	4	1.99
3	Dasyatidae	<i>Dasyatis marmorata</i>	4	5.20
4	Muraenesocidae	<i>Cynoponticus ferox</i>	1	0.49
5	Synodontidae	<i>Saurida brasiliensis</i>	2	0.18
6	Holocentridae	<i>Holocentrus hastatus</i>	6	0.91
7	Zeidae	<i>Zeus feber</i>	5	2.48
8	Fistulariidae	<i>Fistularia petimba</i>	1	0.22
9	Cottidae	<i>Halobatrachus didactylus</i>	1	0.20
10	Triglidae	<i>Lepidotrigla cadmani</i>	18	1.83
11	Dactylopteridae	<i>Cephalacanthus volitans</i>	17	4.51
12	Serranidae	<i>Epinephelus taeniops</i>	1	0.36
13	Priacanthidae	<i>Priacanthus arenatus</i>	90	12.23
14	Carangidae	<i>Decapterus rhonchus</i>	58	3.93
15	Lutjanidae	<i>Lutjanus fulgens</i>	1	0.87
16	Pomadasyidae	<i>Pomadasya incisus</i>	288	39.77
17	Sciaenidae	<i>Umbrina canariensis</i>	3	0.71
18	Sparidae	<i>Dentex canariensis</i>	50	14.56
19		<i>Dentex gibbosus</i>	5	2.38
20		<i>Sparus caeruleostictus</i>	59	12.87
21		<i>Pagellus bellottii</i>	172	19.05
22		<i>Boops boops</i>	50	4.01
23	Mullidae	<i>Pseudopeneus prayensis</i>	96	13.33
24	Pomacanthidae	<i>Holacanthus africanus</i>	1	0.22
25	Pomacentridae	<i>Chromis chromis</i>	159	15.27
26	Acanthuridae	<i>Acanthurus monroviae</i>	13	6.26
27	Bothidae	<i>Syacium micurum</i>	27	2.93
28		<i>Bothus podas</i>	2	0.09
29	Balistidae	<i>Balistes capriscus</i>	66	36.76
30	Monacanthidae	<i>Alutera schoepfii</i>	1	0.42
31		<i>Stephanolepis hispidus</i>	1	0.18
32	Diodontidae	<i>Chilomycterus antennatus</i>	2	0.39
Mollusca				
33		<i>Cymbium cymbium</i>	5	2.74
34	Sepiidae	<i>Sepia officinalis</i>	49	5.83
35	Loliginidae	<i>Alloteuthis africana</i>	3	0.01
Total			1,262	213.53

St.31	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Rajidae	<i>Raja miraletus</i>	21	10.15
2	Holocentridae	<i>Holocentrus hastatus</i>	1	0.15
3	Triglidae	<i>Lepidotrigla cadmani</i>	24	3.03
4	Dactylopteridae	<i>Cephalacanthus volitans</i>	21	5.83
5	Sparidae	<i>Dentex canariensis</i>	7	3.52
6		<i>Dentex gibbosus</i>	10	4.56
7		<i>Sparus caeruleostictus</i>	5	2.08
8		<i>Pagellus bellottii</i>	50	3.36
9	Pomacentridae	<i>Chromis chromis</i>	31	3.16
10	Bothidae	<i>Syacium micurum</i>	3	0.45
11	Tetraodontidae	<i>Sphaeroides cutaneus</i>	3	1.08
12	Diodontidae	<i>Chilomycterus antennatus</i>	2	0.47
Total			178	37.84

St.32	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Torpedinidae	<i>Torpedo torpedo</i>	1	1.17
2	Rajidae	<i>Raja miraletus</i>	40	12.25
3	Clupeidae	<i>Sardinella aurita</i>	6	0.45
4		<i>Sardinella rouxi</i>	55	3.02
5	Platycephalidae	<i>Grammophites gruveli</i>	4	0.18
6	Dactylopteridae	<i>Cephalacanthus volitans</i>	1	0.11
7	Priacanthidae	<i>Priacanthus arenatus</i>	2	0.10
8	Carangidae	<i>Decapterus rhonchus</i>	105	4.91
9		<i>Chloroscomburus chrysurus</i>	249	14.85
10		<i>Selene dorsalis</i>	32	3.17
11		<i>Solar macrophthalmus</i>	1	0.23
12		<i>Alectis alexandrinus</i>	1	0.03
13	Polynemidae	<i>Galeoides decadactylus</i>	8	1.69
14	Pomadasyidae	<i>Brachydeuterus auritus</i>	3,591	135.70
15		<i>Pomadasya jubelini</i>	15	3.47
16	Sciaenidae	<i>Pseudotolithus senegalensis</i>	2	1.48
17		<i>Umbrina canariensis</i>	11	0.35
18		<i>Pantheroscion mbizi</i>	13	0.34
19	Sparidae	<i>Sparus caeruleostictus</i>	31	1.23
20		<i>Pagellus bellottii</i>	475	23.12
21	Chaetodontidae	<i>Bauchotis marcellae</i>	1	0.04
22	Sphyraenidae	<i>Sphyraena guanchancho</i>	24	3.43
23	Trichiuridae	<i>Trichiurus lepturus</i>	29	2.51
24	Stromateidae	<i>Stromateus fiatola</i>	24	3.46
25	Bothidae	<i>Syacium micurum</i>	1	0.05
26	Cynoglossidae	<i>Cynoglossus monodi</i>	3	0.54
27	Balistidae	<i>Balistes capriscus</i>	1	0.22
28	Tetraodontidae	<i>Lagocephalus laevigatus</i>	3	0.49
Crustacea				
29	Penaeidae	<i>Penaeus notialis</i>	5	0.20
Mollusca				
30	Sepiidae	<i>Sepia officinalis</i>	668	43.20
Total			5,402	261.99

Table 1-7-1 (10) Catch record

The 2nd survey (4 Oct. - 18 Oct. 2000)

St.33	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Rhinobatidae	<i>Rhinobatos cemiculus</i>	8	3.69
2	Torpedinidae	<i>Torpedo torpedo</i>	2	0.37
3	Rajidae	<i>Raja miraletus</i>	36	11.56
4	Dasyatidae	<i>Dasyatis marmorata</i>	1	1.14
5	Clupeidae	<i>Sardinella rouxi</i>	2	0.05
6	Engraulidae	<i>Engraulis encrasicolus</i>	72	0.96
7	Synodontidae	<i>Trachinocephalus myops</i>	1	0.06
8	Fistulariidae	<i>Fistularia pelimba</i>	2	0.86
9	Scorpaenidae	<i>Scorpaena stephanica</i>	1	0.10
10	Platycephalidae	<i>Grammoplates gruvelli</i>	2	0.09
11	Dactylopteridae	<i>Cephalacanthus volitans</i>	36	11.09
12	Priacanthidae	<i>Priacanthus arenatus</i>	1	0.03
13	Carangidae	<i>Decapterus rhonchus</i>	24	1.20
14		<i>Aleotis alexandrinus</i>	1	0.26
15	Pomadasyidae	<i>Brachydeuterus auritus</i>	14	0.74
16		<i>Pomadasy jubelini</i>	27	21.53
17	Sciaenidae	<i>Umbrina canariensis</i>	3	1.79
18	Sparidae	<i>Dentex gibbosus</i>	2	0.86
19		<i>Dentex canariensis</i>	39	14.25
20		<i>Sparus caeruleostictus</i>	202	10.76
21		<i>Pagellus bellottii</i>	192	14.06
22	Mullidae	<i>Pseudopeneus prayensis</i>	27	3.30
23	Chaetodontidae	<i>Chaetodon hoefleri</i>	4	0.30
24	Uranoscopidae	<i>Uranoscopus polli</i>	2	0.48
25	Scombridae	<i>Scomber japonicus</i>	10	0.18
26	Bothidae	<i>Syacium micrurum</i>	39	3.46
27	Cynoglossidae	<i>Cynoglossus monodi</i>	4	1.13
28	Balistidae	<i>Balistes capriscus</i>	11	6.70
29	Ostraciontidae	<i>Acanthostracion guineensis</i>	17	4.73
Mollusca				
30	Sepiidae	<i>Sepia officinalis</i>	50	24.58
Total			832	140.31

St.34	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Triakidae	<i>Mustelus mustelus</i>	8	2.74
2	Squatinaidae	<i>Squatina aculeata</i>	2	2.16
3	Rajidae	<i>Raja miraletus</i>	33	15.38
4	Dasyatidae	<i>Dasyatis marmorata</i>	2	1.40
5	Zeidae	<i>Zeus feber</i>	2	2.86
6	Triglidae	<i>Lepidotrigla cadmani</i>	65	3.94
7	Dactylopteridae	<i>Cephalacanthus volitans</i>	43	12.74
8	Serranidae	<i>Epinephelus aeneus</i>	1	3.36
9		<i>Epinephelus gorensis</i>	1	5.52
10		<i>Epinephelus guaza</i>	1	18.80
11	Priacanthidae	<i>Priacanthus arenatus</i>	2	0.11
12	Carangidae	<i>Seriola dumerili</i>	1	0.28
13	Lutjanidae	<i>Lutjanus fulgens</i>	12	7.06
14	Pomadasyidae	<i>Plectorhynchus mediterraneus</i>	3	3.69
15		<i>Apsilus fuscus</i>	65	18.46
16	Sciaenidae	<i>Umbrina canariensis</i>	5	1.44
17	Sparidae	<i>Dentex gibbosus</i>	12	8.76
18		<i>Dentex canariensis</i>	16	7.04
19		<i>Sparus caeruleostictus</i>	42	12.00
20		<i>Pagellus bellottii</i>	170	12.50
21	Mullidae	<i>Pseudopeneus prayensis</i>	85	11.31
22	Chaetodontidae	<i>Bauchotis marcellae</i>	3	0.14
23		<i>Chaetodon hoefleri</i>	3	0.47
24	Pomacentridae	<i>Chromis chromis</i>	6,008	606.59
25	Labridae	<i>Bodianus speciosus</i>	2	1.50
26	Trachinidae	<i>Trachinus radiatus</i>	1	0.40
27	Uranoscopidae	<i>Uranoscopus polli</i>	1	0.23
28	Citharidae	<i>Citharus macrolepidotus</i>	1	0.09
29	Bothidae	<i>Syacium micrurum</i>	4	0.50
30	Tetraodontidae	<i>Sphoeroides cutaneus</i>	1	0.47
31	Diodontidae	<i>Chilomycterus antennatus</i>	3	0.70
Mollusca				
32	Sepiidae	<i>Sepia officinalis</i>	11	3.72
33	Octopidae	<i>Octopus vulgaris</i>	4	9.72
Total			6,613	773.35

St.35	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Rajidae	<i>Raja miraletus</i>	1	0.02
2	Scorpaenidae	<i>Helicolenus dactylopterus</i>	1	0.61
3	Priacanthidae	<i>Priacanthus arenatus</i>	25	1.18
4	Carangidae	<i>Decapterus rhonchus</i>	44	1.12
5		<i>Chloroscomburus chrysurus</i>	7	0.75
6	Polynemidae	<i>Galeoides decadactylus</i>	3	1.72
7	Pomadasyidae	<i>Brachydeuterus auritus</i>	407	16.61
8		<i>Pomadasy incisus</i>	6	0.63
9	Sciaenidae	<i>Pseudolithus senegalensis</i>	78	10.73
10		<i>Umbrina canariensis</i>	3	0.13
11		<i>Pteroscion peli</i>	11	0.34
12	Sparidae	<i>Pagellus bellottii</i>	11	1.07
13		<i>Boops boops</i>	16	0.60
14	Trichiuridae	<i>Trichiurus lepturus</i>	5	0.25
Crustacea				
15	Penaeidae	<i>Penaeus notialis</i>	9	0.37
16		<i>Calappa pelii</i>	1	0.15
Mollusca				
17	Sepiidae	<i>Sepia officinalis</i>	31	7.21
Total			659	43.50

Table 1-7-1 (11) Catch record

The 2nd survey (4 Oct. - 18 Oct. 2000)

St.36	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Torpedinidae	<i>Torpedo torpedo</i>	2	0.30
2	Rajidae	<i>Raja miraletus</i>	84	22.34
3	Clupeidae	<i>Sardinella aurita</i>	1	0.06
4		<i>Sardinella rouxi</i>	114	2.76
5	Ophidiidae	<i>Brotula barbata</i>	1	0.32
6	Holocentridae	<i>Holocentrus hastatus</i>	1	0.14
7	Cottidae	<i>Halobatrachus didactylus</i>	6	0.43
8	Platycephalidae	<i>Grammolites gruveli</i>	2	0.09
9	Triglidae	<i>Lepidotrigla cadmani</i>	193	6.48
10	Dactylopteridae	<i>Cephalacanthus volitans</i>	4	1.43
11	Serranidae	<i>Epinephelus aeneus</i>	1	0.33
12	Priacanthidae	<i>Priacanthus arenatus</i>	501	25.12
13	Carangidae	<i>Decapterus rhonchus</i>	1,755	65.28
14		<i>Selene dorsalis</i>	38	5.38
15	Pomadasyidae	<i>Brachydeuterus auritus</i>	1,766	89.03
16	Sciaenidae	<i>Umbrina canariensis</i>	2	0.11
17		<i>Pentheroscion mbizi</i>	3	0.04
18	Sparidae	<i>Pagellus bellottii</i>	428	29.85
19		<i>Boops boops</i>	330	14.99
20	Sphyrinaeidae	<i>Sphyræna guachancho</i>	6	2.33
21	Trichiuridae	<i>Trichiurus lepturus</i>	12	0.53
22	Stromateidae	<i>Stromateus fiatola</i>	3	0.15
23	Citharidae	<i>Citharus macrolepidotus</i>	2	0.09
24	Bothidae	<i>Syacium micrurum</i>	1	0.04
25	Cynoglossidae	<i>Cynoglossus monodi</i>	32	4.49
Crustacea				
26	Penaeidae	<i>Penaeus notialis</i>	1	0.04
Mollusca				
27	Sepiidae	<i>Sepia officinalis</i>	49	9.17
Total			5,338	281.33

St.37	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Rajidae	<i>Raja miraletus</i>	13	7.32
2	Clupeidae	<i>Sardinella aurita</i>	7	0.11
3		<i>Sardinella rouxi</i>	1	0.02
4	Engraulidae	<i>Engraulis encrasicolus</i>	3	0.03
5	Synodontidae	<i>Saurida brasiliensis</i>	1	0.02
6	Ophidiidae	<i>Brotula barbata</i>	6	3.69
7	Zeidae	<i>Zeus feber</i>	4	0.10
8	Fistulariidae	<i>Fistularia petimba</i>	19	6.36
9	Cottidae	<i>Halobatrachus didactylus</i>	1	0.04
10	Platycephalidae	<i>Grammolites gruveli</i>	1	0.05
11	Triglidae	<i>Trigla lyra</i>	2,048	50.84
12	Dactylopteridae	<i>Cephalacanthus volitans</i>	2	0.52
13	Branchiostegidae	<i>Branchiostegus semifasciatus</i>	1	0.16
14	Priacanthidae	<i>Priacanthus arenatus</i>	582	22.96
15	Carangidae	<i>Decapterus rhonchus</i>	3,173	84.12
16	Pomadasyidae	<i>Brachydeuterus auritus</i>	1	0.05
17	Sciaenidae	<i>Pentheroscion mbizi</i>	2	0.37
18	Sparidae	<i>Dentex angolensis</i>	191	9.16
19		<i>Sparus caeruleostictus</i>	6	0.54
20		<i>Pagellus bellottii</i>	674	40.96
21		<i>Boops boops</i>	1	0.02
22	Mullidae	<i>Pseudupeneus prayensis</i>	11	0.90
23	Nemipteridae	<i>Serranus accraensis</i>	1	0.06
24	Trichiuridae	<i>Trichiurus lepturus</i>	1	0.04
25	Scombridae	<i>Scomber japonicus</i>	2	0.08
26	Citharidae	<i>Citharus macrolepidotus</i>	19	1.06
27	Soleidae	<i>Dicologlossa hexaphthalma</i>	1	0.09
28	Cynoglossidae	<i>Cynoglossus monodi</i>	3	0.44
Mollusca				
29		<i>Cymbium cymbium</i>	1	1.18
30	Octopidae	<i>Octopus vulgaris</i>	1	0.76
31	Ommastrephidae	<i>Illex coindetii</i>	1	0.21
		<i>Todaropsis eblanae</i>	1	0.20
32	Sepiidae	<i>Sepia officinalis</i>	30	5.16
Total			6,809	237.52

Table 1-7-1 (12) Catch record

The 2nd survey (4 Oct. - 18 Oct. 2000)

St.38	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Rajidae	<i>Raja miraletus</i>	1	0.37
2	Synodontidae	<i>Synodus saurus</i>	1	0.07
3	Dactylopteridae	<i>Cephalacanthus volitans</i>	1	0.50
4	Priacanthidae	<i>Priacanthus arenatus</i>	6	0.66
5	Carangidae	<i>Decapterus punctatus</i>	1	0.07
6		<i>Decapterus rhonchus</i>	4	0.55
7		<i>Chloroscomburus chrysurus</i>	6	0.36
8		<i>Selene dorsalis</i>	30	3.44
9	Lutjanidae	<i>Lutjanus fulgens</i>	4	0.79
10	Lethrinidae	<i>Lethrinus atlanticus</i>	7	1.81
11	Polynemidae	<i>Galeoides decadactylus</i>	74	7.29
12	Pomadasyidae	<i>Brachydeuterus auritus</i>	280	18.26
13		<i>Pomadasy incisus</i>	7	0.40
14		<i>Pomadasy jubelini</i>	1	0.35
15	Sciaenidae	<i>Pseudotolithus senegalensis</i>	3	1.39
16	Sparidae	<i>Dentex canariensis</i>	69	9.18
17		<i>Sparus caeruleostictus</i>	44	8.86
18		<i>Pagellus bellottii</i>	106	10.72
19		<i>Boops boops</i>	1	0.02
20	Mullidae	<i>Pseudopenus prayensis</i>	39	5.08
21	Uranoscopidae	<i>Uranoscopus polli</i>	2	0.52
22	Trichiuridae	<i>Trichiurus lepturus</i>	3	0.17
23	Psettodidae	<i>Psettodes belcheri</i>	1	0.72
24	Bothidae	<i>Bothus podas</i>	16	0.42
25		<i>Arnoglossus capensis</i>	18	1.62
26	Cynoglossidae	<i>Cynoglossus monodi</i>	1	0.39
27	Tetraodontidae	<i>Lagocephalus laevigatus</i>	1	0.66
Mollusca				
28	Sepiidae	<i>Sepia officinalis</i>	10	5.90
Total			737	80.66

St.39	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Rhinobatidae	<i>Rhinobatos albomaculatus</i>	1	1.42
2	Rajidae	<i>Raja miraletus</i>	11	2.97
3	Zeidae	<i>Zeus feber</i>	2	1.31
4	Fistulariidae	<i>Fistularia petimba</i>	3	0.22
5	Platycephalidae	<i>Grammoplites gruvelli</i>	3	0.08
6	Triglidae	<i>Trigla lyra</i>	21	0.38
7		<i>Lepidotrigla cadmani</i>	16	1.11
8	Dactylopteridae	<i>Cephalacanthus volitans</i>	46	7.05
9	Serranidae	<i>Epinephelus aeneus</i>	1	0.66
10	Priacanthidae	<i>Priacanthus arenatus</i>	55	2.50
11	Carangidae	<i>Decapterus rhonchus</i>	184	1.59
12		<i>Chloroscomburus chrysurus</i>	1	0.04
13	Polynemidae	<i>Galeoides decadactylus</i>	1	0.11
14	Pomadasyidae	<i>Brachydeuterus auritus</i>	48	2.80
15	Sparidae	<i>Sparus caeruleostictus</i>	4	0.12
16		<i>Pagellus bellottii</i>	555	19.70
17		<i>Boops boops</i>	6	0.13
18	Mullidae	<i>Pseudopenus prayensis</i>	14	1.10
19	Sphyraenidae	<i>Sphyraena guachancho</i>	1	9.95
20	Nemipteridae	<i>Serranus accraensis</i>	20	0.88
21	Acanthuridae	<i>Acanthurus monroviae</i>	1	0.26
22	Citharidae	<i>Citharus macrolepidotus</i>	3	0.19
23	Bothidae	<i>Syacium micrurum</i>	32	1.43
24		<i>Bothus podas</i>	1	0.02
25	Soleidae	<i>Dicologlossa hexaphthalma</i>	1	0.04
26	Cynoglossidae	<i>Cynoglossus monodi</i>	22	4.12
27	Balistidae	<i>Balistes capriscus</i>	8	1.56
Mollusca				
28	Octopodidae	<i>Octopus vulgaris</i>	5	6.46
29	Sepiidae	<i>Sepia officinalis</i>	104	21.98
Total			1,170	90.19

Table 1-7-1 (13) Catch record

The 2nd survey (4 Oct - 18 Oct. 2000)

St.40	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Rajidae	<i>Raja miraletus</i>	4	2.22
2	Clupeidae	<i>Sardinella aurita</i>	1	0.05
3	Ophididae	<i>Brotula barbata</i>	1	0.69
4	Zeidae	<i>Zeus feber</i>	3	3.01
5	Fisturidae	<i>Fisturaria petimba</i>	5	2.54
6	Scorpaenidae	<i>Scorpaena stephanica</i>	1	0.58
7	Triglidae	<i>Trigla lyra</i>	640	18.84
8		<i>Lepidotrigla cadmani</i>	92	6.18
9	Dactylopteridae	<i>Cephalacanthus volitans</i>	14	2.58
10	Branchiostegidae	<i>Branchiostegus semifasciatus</i>	3	1.31
11	Priacanthidae	<i>Priacanthus arenatus</i>	61	3.94
12	Carangidae	<i>Decapterus rhonchus</i>	626	17.40
13	Pomadasyidae	<i>Pomadasy incisus</i>	30	2.40
14	Sparidae	<i>Dentex angolensis</i>	428	31.70
15		<i>Dentex congoensis</i>	29	1.07
16		<i>Dentex gibbosus</i>	6	0.70
17		<i>Dentex canariensis</i>	10	1.67
18		<i>Sparus caeruleostictus</i>	11	1.18
19		<i>Pagellus bellottii</i>	302	16.78
20		<i>Boops boops</i>	172	11.57
21	Mullidae	<i>Pseudopenopus prayensis</i>	7	0.73
22	Scombridae	<i>Scomber japonicus</i>	2	0.06
23	Cynoglossidae	<i>Cynoglossus monodi</i>	18	3.48
24	Diodontidae	<i>Chilomycterus antennatus</i>	1	0.47
Mollusca				
25	Loliginidae	<i>Alloteuthis africana</i>	2	0.20
26	Sepiidae	<i>Sepia officinalis</i>	28	5.64
Total			2,497	136.99

St.41	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Squatinae	<i>Squatina aculeata</i>	5	6.99
2	Zeidae	<i>Zeus feber</i>	1	0.97
3	Scorpaenidae	<i>Scorpaena stephanica</i>	1	0.50
4	Triglidae	<i>Lepidotrigla cadmani</i>	15	0.81
5	Serranidae	<i>Epinephelus aeneus</i>	1	7.64
6	Priacanthidae	<i>Priacanthus arenatus</i>	9	0.76
7	Ariomidae	<i>Ariomma bondi</i>	19	0.73
8	Sparidae	<i>Dentex angolensis</i>	224	9.25
9		<i>Dentex congoensis</i>	177	4.71
10		<i>Sparus caeruleostictus</i>	4	1.16
11		<i>Pagellus bellottii</i>	5	0.28
12		<i>Boops boops</i>	7	0.32
13	Scombridae	<i>Katsuwonus pelamis</i>	1	1.71
14	Diodontidae	<i>Chilomycterus antennatus</i>	9	2.57
Mollusca				
15	Sepiidae	<i>Sepia officinalis</i>	35	2.22
Total			513	40.62

St.44	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Squatinae	<i>Squatina aculeata</i>	6	15.66
2	Torpedinidae	<i>Torpedo torpedo</i>	1	0.51
3	Rajidae	<i>Raja miraletus</i>	6	2.54
4	Clupeidae	<i>Sardinella aurita</i>	2	0.42
5	Zeidae	<i>Zeus feber</i>	4	3.44
6	Fisturidae	<i>Fisturaria petimba</i>	11	3.50
7	Triglidae	<i>Lepidotrigla cadmani</i>	711	34.25
8	Priacanthidae	<i>Priacanthus arenatus</i>	8	0.52
9	Carangidae	<i>Decapterus punctatus</i>	23	0.91
10		<i>Decapterus rhonchus</i>	10	0.40
11	Pomadasyidae	<i>Brachydeuterus auritus</i>	3,040	165.50
12	Sparidae	<i>Dentex angolensis</i>	649	66.66
13		<i>Dentex congoensis</i>	102	5.23
14		<i>Dentex canariensis</i>	5	1.37
15		<i>Dentex gibbosus</i>	9	0.98
16		<i>Sparus caeruleostictus</i>	3	0.43
17		<i>Pagellus bellottii</i>	38	2.75
18		<i>Boops boops</i>	1,152	31.31
19	Citharidae	<i>Citharus macrolepidotus</i>	1	0.13
20	Tetraodontidae	<i>Sphoeroides cutaneus</i>	6	0.79
Mollusca				
21		<i>Cymbium cymbium</i>	1	0.46
22	Sepiidae	<i>Sepia officinalis</i>	52	1.92
Total			5,840	338.67

St.45	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Squatinae	<i>Squatina aculeata</i>	5	11.93
2	Torpedinidae	<i>Torpedo torpedo</i>	1	0.63
3	Rajidae	<i>Raja miraletus</i>	11	5.58
4	Zeidae	<i>Zeus feber</i>	1	0.70
5	Fisturidae	<i>Fisturaria petimba</i>	1	0.24
6	Triglidae	<i>Lepidotrigla cadmani</i>	130	9.73
7	Sparidae	<i>Dentex congoensis</i>	144	13.56
8		<i>Dentex canariensis</i>	27	13.90
9		<i>Dentex gibbosus</i>	67	32.52
10		<i>Pagellus bellottii</i>	121	9.00
11	Mullidae	<i>Pseudopenopus prayensis</i>	18	2.96
12	Chaetodontidae	<i>Bauchotia marcellae</i>	1	0.04
13	Pomacentridae	<i>Chromis chromis</i>	9	0.75
14	Citharidae	<i>Citharus macrolepidotus</i>	3	0.26
15	Bothidae	<i>Syacium micrurum</i>	1	0.23
16	Tetraodontidae	<i>Sphoeroides cutaneus</i>	6	1.97
Mollusca				
17	Sepiidae	<i>Sepia officinalis</i>	17	1.41
Total			563	105.41

Table 1-7-1 (14) Catch record

The 2nd survey (4 Oct. - 18 Oct. 2000)

St. 46	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Torpedinidae	<i>Torpedo torpedo</i>	1	0.09
2	Rajidae	<i>Raja miraletus</i>	10	4.65
3	Holocentridae	<i>Holocentrus hastatus</i>	2	0.33
4	Zeidae	<i>Zeus feber</i>	1	0.43
5	Fistulariidae	<i>Fistularia petimba</i>	5	1.96
6	Platycephalidae	<i>Grammoplates gruveli</i>	1	0.05
7	Triglidae	<i>Lepidotrigla cadmani</i>	62	6.50
8	Dactylopteridae	<i>Cephalacanthus volitans</i>	68	20.32
9	Serranidae	<i>Anthias anthias</i>	1	0.04
10	Priacanthidae	<i>Priacanthus arenatus</i>	1	0.02
11	Lutjanidae	<i>Lutjanus fulgens</i>	5	3.01
12	Sparidae	<i>Dentex canariensis</i>	38	16.78
13		<i>Dentex gibbosus</i>	19	4.02
14		<i>Sparus caeruleostictus</i>	27	9.49
15		<i>Pagellus bellottii</i>	162	10.88
16	Mullidae	<i>Pseudopeneus prayensis</i>	24	2.58
17	Bothidae	<i>Syacium micrurum</i>	9	0.89
18	Monacanthidae	<i>Stephanolepis hispidus</i>	1	0.10
19	Tetraodontidae	<i>Sphoeroides cutaneus</i>	6	2.19
20	Diodontidae	<i>Chilomycterus antennatus</i>	1	0.50
Mollusca				
21	Loliginidae	<i>Alloteuthis africana</i>	5	0.03
22	Sepiidae	<i>Sepia officinalis</i>	48	2.76
Total			497	87.62

St. 47	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Triakidae	<i>Mustelus mustelus</i>	1	6.11
2	Rajidae	<i>Raja miraletus</i>	6	3.15
3	Platycephalidae	<i>Grammoplates gruveli</i>	1	0.04
4	Triglidae	<i>Lepidotrigla cadmani</i>	11	1.29
5	Dactylopteridae	<i>Cephalacanthus volitans</i>	13	3.98
6	Sparidae	<i>Dentex canariensis</i>	24	10.49
7		<i>Dentex gibbosus</i>	12	5.15
8		<i>Sparus caeruleostictus</i>	18	7.56
9		<i>Pagellus bellottii</i>	17	1.37
10	Mullidae	<i>Pseudopeneus prayensis</i>	12	1.42
11	Chaetodontidae	<i>Chaetodon hoefleri</i>	1	0.17
12	Pomacentridae	<i>Chromis chromis</i>	162	4.92
13	Uranoscopidae	<i>Uranoscopus polli</i>	1	0.01
14	Bothidae	<i>Syacium micrurum</i>	3	0.43
15	Tetraodontidae	<i>Sphoeroides cutaneus</i>	3	0.31
Mollusca				
16	Ommastrephidae	<i>Illex coindetii</i>	1	0.03
17	Sepiidae	<i>Sepia officinalis</i>	6	0.28
Total			292	46.71

St. 48	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Triakidae	<i>Mustelus mustelus</i>	1	2.16
2	Rajidae	<i>Raja miraletus</i>	4	1.77
3	Zeidae	<i>Zeus feber</i>	5	3.68
4	Scorpaenidae	<i>Helicolenus dactylopterus</i>	1	0.85
5	Platycephalidae	<i>Grammoplates gruveli</i>	2	0.10
6	Triglidae	<i>Lepidotrigla cadmani</i>	104	7.08
7	Dactylopteridae	<i>Cephalacanthus volitans</i>	3	0.73
8	Serranidae	<i>Epinephelus aeneus</i>	1	11.13
9	Branchiostegidae	<i>Branchiostegus semifasciatus</i>	4	1.43
10	Carangidae	<i>Decapterus rhonchus</i>	210	11.23
11	Sciaenidae	<i>Umbrina canariensis</i>	2	0.62
12	Sparidae	<i>Dentex angolensis</i>	80	12.01
13		<i>Dentex congoensis</i>	92	5.68
14		<i>Dentex canariensis</i>	18	9.30
15		<i>Dentex gibbosus</i>	20	5.06
16		<i>Sparus caeruleostictus</i>	1	0.30
17		<i>Pagellus bellottii</i>	46	3.22
18	Mullidae	<i>Pseudopeneus prayensis</i>	5	0.84
19	Chaetodontidae	<i>Bauchotia marcellae</i>	1	0.04
20	Scombridae	<i>Scomber japonicus</i>	2	0.10
21	Tetraodontidae	<i>Sphoeroides cutaneus</i>	4	1.81
Mollusca				
22	Octopodidae	<i>Octopus vulgaris</i>	4	4.68
23	Ommastrephidae	<i>Illex coindetii</i>	1	0.06
Total			611	83.88

St. 49	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Squatinae	<i>Squatina aculeata</i>	1	2.38
2	Rajidae	<i>Raja miraletus</i>	6	1.96
3	Ophiidae	<i>Brotula barbata</i>	3	0.85
4	Zeidae	<i>Zeus feber</i>	2	0.69
5	Fistulariidae	<i>Fistularia petimba</i>	3	1.52
6	Scorpaenidae	<i>Helicolenus dactylopterus</i>	3	2.32
7	Triglidae	<i>Trigla lyra</i>	672	19.50
8	Dactylopteridae	<i>Cephalacanthus volitans</i>	2	0.30
9	Serranidae	<i>Epinephelus aeneus</i>	1	15.98
10	Branchiostegidae	<i>Branchiostegus semifasciatus</i>	12	3.82
11	Priacanthidae	<i>Priacanthus arenatus</i>	21	1.28
12	Ariommidae	<i>Ariomma bondi</i>	1	0.08
13	Carangidae	<i>Decapterus rhonchus</i>	61	2.06
14	Sciaenidae	<i>Umbrina canariensis</i>	68	8.10
15	Sparidae	<i>Dentex angolensis</i>	781	39.94
16		<i>Dentex congoensis</i>	1,101	15.90
17		<i>Dentex canariensis</i>	24	10.45
18		<i>Dentex gibbosus</i>	18	25.35
19		<i>Pagellus bellottii</i>	334	11.74
20		<i>Boops boops</i>	14	0.43
21	Chaetodontidae	<i>Bauchotia marcellae</i>	7	0.33
22	Scombridae	<i>Scomber japonicus</i>	1	0.08
23	Citharidae	<i>Citharus macrolepidotus</i>	1	0.11
24	Tetraodontidae	<i>Sphoeroides cutaneus</i>	7	1.84
Mollusca				
25	Octopodidae	<i>Octopus vulgaris</i>	1	0.99
26	Sepiidae	<i>Sepia officinalis</i>	11	3.96
Total			3,156	171.96

Table 1-7-1 (15) Catch record

The 2nd survey (4 Oct. - 18 Oct. 2000)

St.50	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Triakidae	<i>Mustelus mustelus</i>	4	6.51
2	Squatinaidae	<i>Squatina aculeata</i>	1	2.99
3	Rajidae	<i>Raja miraletus</i>	4	1.66
4	Ophididae	<i>Brotula barbata</i>	1	0.79
5	Holocentridae	<i>Holocentrus hastatus</i>	1	0.16
6	Zeidae	<i>Zeus feber</i>	3	3.18
7	Fistulariidae	<i>Fisturaria petimba</i>	4	1.64
8	Triglidae	<i>Trigla lyra</i>	25	1.45
9		<i>Lepidotrigla cadmani</i>	131	7.99
10	Dactylopteridae	<i>Cephalacanthus volitans</i>	3	0.35
11	Serranidae	<i>Epinephelus seneus</i>	1	4.98
12	Branchiostegidae	<i>Branchiostegus semifasciatus</i>	2	0.67
13	Priacanthidae	<i>Priacanthus armatus</i>	35	8.98
14	Ariommidae	<i>Ariomma bondi</i>	5	0.42
15	Carangidae	<i>Decapterus rhonchus</i>	122	10.87
16	Sciaenidae	<i>Umbrina canariensis</i>	124	33.86
17	Sparidae	<i>Dentex angolensis</i>	208	27.24
18		<i>Dentex congoensis</i>	528	39.64
19		<i>Dentex canariensis</i>	23	11.92
20		<i>Dentex gibbosus</i>	2	0.57
21		<i>Sparus caeruleostictus</i>	2	0.67
22		<i>Pagellus bellottii</i>	220	17.02
23		<i>Boops boops</i>	492	36.40
24	Mullidae	<i>Pseudupeneus prayensis</i>	14	2.86
25	Chaetodontidae	<i>Bauchotia marcellae</i>	3	0.14
26		<i>Chaetodon hoefleri</i>	1	0.06
27	Uranoscopidae	<i>Uranoscopus polli</i>	1	0.30
28	Scombridae	<i>Scomber japonicus</i>	2	0.15
29	Citharidae	<i>Citharus macrolepidotus</i>	1	0.05
30	Diodontidae	<i>Chilomycterus antennatus</i>	1	0.23
Mollusca				
31	Loliginidae	<i>Alloteuthis africana</i>	3	0.21
32	Sepiidae	<i>Sepia officinalis</i>	5	0.27
Total			1,972	217.74

Table 1-7-1 (16) Catch record

The 3rd survey (25 Jul. - 13 Aug. 2001)

St. 1	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Torpedinidae	<i>Torpedo torpedo</i>	17	4.78
2	Rajidae	<i>Raja miraletus</i>	1	0.37
3	Muraenoesocidae	<i>Cynoponticus ferox</i>	1	1.86
4	Ophichthidae	<i>Echelus myrus</i>	1	0.76
5	Triglidae	<i>Trigla lyra</i>	2	0.26
6		<i>Lepidotrigla cadmani</i>	1	0.19
7	Grammatidae	<i>Rypticus saponaceus</i>	1	0.31
8	Priacanthidae	<i>Priacanthus arenatus</i>	2	0.18
9	Carangidae	<i>Chloroscomburus chrysurus</i>	33	0.59
10	Lutjanidae	<i>Lutjanus fulgens</i>	1	0.46
11		<i>Lutjanus dendatus</i>	1	3.09
12	Gerreidae	<i>Eucinostomus melanopterus</i>	1	0.04
13	Pomadasyidae	<i>Pomadasys incisus</i>	1	0.07
14	Sparidae	<i>Sparus caeruleostictus</i>	118	7.05
15		<i>Pagellus bellottii</i>	44	3.99
16	Lethrinidae	<i>Lethrinus atlanticus</i>	1	0.49
17	Sciaenidae	<i>Pseudotolithus senegalensis</i>	3	0.62
18		<i>Pteroscion pelti</i>	1	0.06
19	Mullidae	<i>Pseudopeneus prayensis</i>	17	1.03
20	Ephippidae	<i>Chaetodipterus lippei</i>	2	0.09
21	Sphyracidae	<i>Sphyracna guachancho</i>	3	0.39
22	Psettodidae	<i>Psettodes belcheri</i>	1	0.11
23	Bothidae	<i>Syacium micurum</i>	1	0.17
24	Cynoglossidae	<i>Cynoglossus monodi</i>	8	2.19
25	Balistidae	<i>Balistes capriscus</i>	12	9.91
26	Tetraodontidae	<i>Ephippion guttiferum</i>	4	4.83
Mollusca				
27	Sepiidae	<i>Sepia officinalis</i>	37	17.41
Reptilia				
28	Cheloniidae	<i>Chelonia mydas</i>	1	47.03
Total			316	108.23

St. 2	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Torpedinidae	<i>Torpedo torpedo</i>	2	0.71
2	Rajidae	<i>Raja miraletus</i>	5	1.93
3	Dasyatidae	<i>Dasyatis marmorata</i>	1	2.47
4	Ophichthidae	<i>Echelus myrus</i>	1	0.94
5	Serranidae	<i>Serranus accraensis</i>	3	0.06
6	Carangidae	<i>Decapterus rhonchus</i>	1	0.10
7		<i>Trachurus trachurus</i>	2	0.12
8	Sparidae	<i>Dentex canariensis</i>	1	0.33
9		<i>Sparus caeruleostictus</i>	41	2.22
10		<i>Pagellus bellottii</i>	43	4.53
11	Sciaenidae	<i>Umbrija canariensis</i>	1	0.27
12	Mullidae	<i>Pseudopeneus prayensis</i>	2	0.11
13	Trichiuridae	<i>Trichiurus lepturus</i>	11	1.69
14	Bothidae	<i>Syacium micurum</i>	2	0.14
15	Balistidae	<i>Balistes capriscus</i>	2	1.14
16	Diodontidae	<i>Chilomycterus antennatus</i>	2	0.44
Crustacea				
17	Penaeidae	<i>Penaeus notialis</i>	4	0.11
Mollusca				
18	Sepiidae	<i>Sepia officinalis</i>	14	7.05
Total			138	24.36

St. 3	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Squatinae	<i>Squatina aculeata</i>	4	9.78
2	Rajidae	<i>Raja miraletus</i>	2	1.02
3	Lophiidae	<i>Lophiodes kempi</i>	1	0.05
4	Fistulariidae	<i>Fistularia petimba</i>	7	2.49
5	Dactylopteridae	<i>Cephalacanthus volitans</i>	4	1.19
6	Scorpaenidae	<i>Helicolenus dactylopterus</i>	1	1.02
7	Triglidae	<i>Trigla lyra</i>	44	0.74
8	Priacanthidae	<i>Priacanthus arenatus</i>	4	0.29
9	Carangidae	<i>Decapterus punctatus</i>	1	0.03
10	Carangidae	<i>Trachurus trachurus</i>	4	0.16
11	Sparidae	<i>Dentex angolensis</i>	105	3.97
12		<i>Dentex congolensis</i>	26	0.51
13		<i>Dentex canariensis</i>	13	4.84
14		<i>Sparus caeruleostictus</i>	57	8.51
15		<i>Pagellus bellottii</i>	2	0.12
16		<i>Boops boops</i>	1	0.04
17	Uranoscopidae	<i>Uranoscopus albesca</i>	1	0.16
18	Ariommatidae	<i>Ariomma bondi</i>	2	0.09
19	Bothidae	<i>Syacium micurum</i>	1	0.05
20	Soleidae	<i>Solea senegalensis</i>	2	0.27
21	Diodontidae	<i>Chilomycterus antennatus</i>	3	0.71
Mollusca				
22	Sepiidae	<i>Sepia officinalis</i>	20	8.66
Total			305	44.70

St. 4	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Squatinae	<i>Squatina aculeata</i>	1	1.07
2	Platyrrhinidae	<i>Zanobatus schoenlenii</i>	1	0.05
3	Dasyatidae	<i>Himantura margarita</i>	5	1.88
4	Albulidae	<i>Albulula vulpes</i>	1	0.45
5	Batrachoididae	<i>Halobatrachus didactylus</i>	1	0.07
6	Dactylopteridae	<i>Cephalacanthus volitans</i>	1	0.62
7	Scorpaenidae	<i>Scorpaena stephanica</i>	1	0.45
8	Grammatidae	<i>Rypticus saponaceus</i>	3	0.29
9	Carangidae	<i>Decapterus rhonchus</i>	1	0.63
10		<i>Chloroscomburus chrysurus</i>	1	0.03
11		<i>Caranx crysos</i>	2	0.44
12		<i>Selene dorsalis</i>	3	0.14
13		<i>Alectis alexandrinus</i>	5	0.92
14	Gerreidae	<i>Eucinostomus melanopterus</i>	3	0.18
15	Pomadasyidae	<i>Brachydeuterus auritus</i>	3	0.11
16		<i>Pomadasys incisus</i>	14	1.09
17	Sparidae	<i>Dentex canariensis</i>	15	2.38
18		<i>Sparus caeruleostictus</i>	28	8.13
19		<i>Pagellus bellottii</i>	2	0.13
20	Lethrinidae	<i>Lethrinus atlanticus</i>	13	4.33
21	Polynemidae	<i>Galeoides decadactylus</i>	29	2.99
22	Sciaenidae	<i>Pseudotolithus senegalensis</i>	4	0.74
23	Mullidae	<i>Pseudopeneus prayensis</i>	9	0.55
24	Sphyracidae	<i>Sphyracna guachancho</i>	1	0.24
25	Trichiuridae	<i>Trichiurus lepturus</i>	1	0.11
26	Bothidae	<i>Syacium micurum</i>	1	0.16
27	Monacanthidae	<i>Alutera schoepfii</i>	1	0.43
28	Diodontidae	<i>Chilomycterus antennatus</i>	2	0.27
Crustacea				
29	Penaeidae	<i>Penaeus notialis</i>	7	0.22
30		<i>Penaeus kerathurus</i>	5	0.22
31	Palinuridae	<i>Panulirus argus</i>	1	0.12
Mollusca				
32	Sepiidae	<i>Sepia officinalis</i>	4	1.31
Total			169	30.76

Table 1-7-1 (17) Catch record

The 3rd survey (25 Jul. - 13 Aug. 2001)

St.5	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Triakidae	<i>Mustelus mustelus</i>	1	1.33
2	Torpedinidae	<i>Torpedo torpedo</i>	2	1.29
3	Rajidae	<i>Raja miraletus</i>	6	3.18
4	Triglidae	<i>Trigla lyra</i>	32	0.96
5	Platycephalidae	<i>Grammophilites gruveli</i>	1	0.01
6	Grammatidae	<i>Rypticus saponaceus</i>	1	0.03
7	Priacanthidae	<i>Priacanthus arenatus</i>	1	0.06
8	Carangidae	<i>Chloroscomburus chrysurus</i>	1	0.05
9		<i>Selene dorsalis</i>	2	0.13
10	Pomadasyidae	<i>Brachydeuterus auritus</i>	24	1.25
11		<i>Pomadasys incisus</i>	29	2.20
12	Sparidae	<i>Dentex gibbosus</i>	1	0.36
13		<i>Sparus caeruleostictus</i>	10	0.82
14		<i>Pagellus bellottii</i>	22	1.46
15		<i>Boops boops</i>	1	0.03
16	Polynemidae	<i>Galeoides decadactylus</i>	2	0.25
17	Sciaenidae	<i>Umbrina canariensis</i>	4	0.85
18	Trichiuridae	<i>Trichiurus lepturus</i>	3	0.22
19	Citharidae	<i>Citharus macrolepidotus</i>	2	0.06
20	Bothidae	<i>Syacium micrurum</i>	5	0.28
21	Soleidae	<i>Solea senegalensis</i>	1	0.18
22	Diodontidae	<i>Chilomycterus antennatus</i>	1	0.17
Crustacea				
23	Penaeidae	<i>Penaeus notialis</i>	19	0.63
24	Palinuridae	<i>Panulirus argus</i>	1	0.20
25	Calappidae	<i>Calappa pelii</i>	3	0.28
Mollusca				
26	Volutidae	<i>Cymbium cymbium</i>	6	4.12
27	Sepiidae	<i>Sepia officinalis</i>	3	0.68
Total			184	21.09

St.6	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Squatinae	<i>Squatina aculeata</i>	4	5.77
2	Rajidae	<i>Raja miraletus</i>	2	0.94
3	Zeidae	<i>Zeus feber</i>	3	2.23
4		<i>Fisturaria petimba</i>	8	1.51
5	Dactylopteridae	<i>Cephalacanthus volitans</i>	4	1.15
6	Triglidae	<i>Trigla lyra</i>	134	6.61
7	Platycephalidae	<i>Grammophilites gruveli</i>	1	0.04
8	Serranidae	<i>Epinephelus aeneus</i>	1	4.71
9	Priacanthidae	<i>Priacanthus arenatus</i>	6	0.67
10	Carangidae	<i>Trachurus trachurus</i>	54	4.72
11	Pomadasyidae	<i>Brachydeuterus auritus</i>	1	0.06
12	Sparidae	<i>Dentex angolensis</i>	57	5.17
13		<i>Dentex congoensis</i>	103	3.51
14		<i>Dentex canariensis</i>	5	2.03
15		<i>Dentex gibbosus</i>	1	0.11
16		<i>Sparus caeruleostictus</i>	151	22.91
17		<i>Pagellus bellottii</i>	165	8.75
18		<i>Boops boops</i>	109	6.89
19	Mullidae	<i>Pseudupeneus prayvensis</i>	3	0.25
20	Chaetodontidae	<i>Bauchotia marcellae</i>	1	0.01
21		<i>Chaetodon hoefleri</i>	1	0.07
22	Uranoscopidae	<i>Uranoscopus albesca</i>	2	0.76
23	Ariommatidae	<i>Ariomma bondi</i>	2	0.28
24	Diodontidae	<i>Chilomycterus antennatus</i>	2	0.41
Mollusca				
25	Sepiidae	<i>Sepia officinalis</i>	12	9.68
Total			832	89.23

St.7	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Squatinae	<i>Squatina aculeata</i>	1	0.11
2	Rajidae	<i>Raja miraletus</i>	4	1.54
3	Dasyatidae	<i>Himantura margarita</i>	6	4.09
4	Alburidae	<i>Albura vulpes</i>	1	0.67
5	Muraenidae	<i>Muraena melanotis</i>	1	0.02
6	Holocentridae	<i>Holocentrus hastatus</i>	2	0.18
7	Fisturariidae	<i>Fisturaria tabacaria</i>	2	1.65
8		<i>Fisturaria petimba</i>	14	3.50
9	Dactylopteridae	<i>Cephalacanthus volitans</i>	1	0.13
10	Scorpaenidae	<i>Scorpaena stephanica</i>	9	2.20
11	Serranidae	<i>Epinephelus aeneus</i>	1	2.26
12	Grammatidae	<i>Rypticus saponaceus</i>	1	0.15
13	Priacanthidae	<i>Priacanthus arenatus</i>	12	1.78
14	Carangidae	<i>Decapterus rhonchus</i>	8	1.77
15		<i>Chloroscomburus chrysurus</i>	6	0.24
16		<i>Selene dorsalis</i>	3	0.17
17		<i>Alectis alexandrinus</i>	1	0.32
18	Lutjanidae	<i>Lutjanus fulgens</i>	56	26.51
19		<i>Lutjanus dendatus</i>	1	1.94
20	Gerreidae	<i>Eucinostomus melanopterus</i>	7	0.60
21	Pomadasyidae	<i>Brachydeuterus auritus</i>	17	0.97
22		<i>Pomadasys incisus</i>	111	18.09
23		<i>Plectorhynchus mediterraneus</i>	13	6.20
24	Sparidae	<i>Dentex canariensis</i>	103	38.02
25		<i>Sparus caeruleostictus</i>	194	36.94
26		<i>Pagellus bellottii</i>	260	14.89
27		<i>Boops boops</i>	60	3.56
28	Lethrinidae	<i>Lethrinus atlanticus</i>	101	12.53
29	Sciaenidae	<i>Umbrina steindachneri</i>	3	2.28
30	Mullidae	<i>Pseudupeneus prayvensis</i>	204	17.21
31	Chaetodontidae	<i>Bauchotia marcellae</i>	33	1.80
32	Labridae	<i>Bodianus speciosus</i>	2	2.95
33	Scaridae	<i>Scarus hoefleri</i>	3	3.70
34	Uranoscopidae	<i>Uranoscopus polli</i>	1	0.10
35	Acanthuridae	<i>Acanthurus monroviae</i>	13	2.57
36	Sphyrnidae	<i>Sphyrna gusachancho</i>	10	4.38
37	Psettodidae	<i>Psettodes belcheri</i>	1	0.26
38	Bothidae	<i>Syacium micrurum</i>	13	1.57
39	Soleidae	<i>Solea senegalensis</i>	3	0.36
40	Balistidae	<i>Balistes punctatus</i>	4	0.83
41	Monacanthidae	<i>Stephanolepis hispidus</i>	5	0.52
42	Ostraciontidae	<i>Acanthostracion guineensis</i>	82	14.59
43	Diodontidae	<i>Chilomycterus antennatus</i>	1	0.26
Crustacea				
44	Palinuridae	<i>Panulirus regius</i>	3	2.50
45	Scyllaridae	<i>Scyllarides herklotsii</i>	1	0.74
Mollusca				
46	Sepiidae	<i>Sepia officinalis</i>	4	3.82
Total			1382	241.47

Table 1-7-1 (18) Catch record

The 3rd survey (25 Jul. - 13 Aug. 2001)

St.8	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Torpedinidae	<i>Torpedo torpedo</i>	2	1.42
2	Rajidae	<i>Raja miraletus</i>	2	0.97
3	Ophichthidae	<i>Echelus myrus</i>	2	0.84
4	Clupeidae	<i>Sardinella rouxi</i>	5	0.21
5	Fistulariidae	<i>Fistularia petimba</i>	27	6.80
6	Dactylopteridae	<i>Cephalacanthus volitans</i>	2	0.65
7	Triglidae	<i>Trigla lyra</i>	9	0.90
8	Priacanthidae	<i>Priacanthus arenatus</i>	33	2.10
9	Carangidae	<i>Decapterus rhonchus</i>	2	0.41
10		<i>Trachurus trachurus</i>	1	0.08
11		<i>Chloroscombus chrysurus</i>	650	27.16
12		<i>Selar macrophthalmus</i>	5	1.46
13		<i>Caranx crysos</i>	2	0.48
14		<i>Selene dorsalis</i>	7	0.42
15	Pomadasyidae	<i>Brachydeuterus auritus</i>	328	16.04
16		<i>Pomadasys incisus</i>	508	41.98
17	Sparidae	<i>Dentex canariensis</i>	3	0.62
18		<i>Sparus caeruleostictus</i>	9	0.75
19		<i>Pagellus bollottii</i>	357	22.34
20		<i>Boops boops</i>	166	5.43
21	Sciaenidae	<i>Pseudotolithus senegalensis</i>	1	0.75
22	Mullidae	<i>Pseudoupeneus prayensis</i>	168	15.78
23	Uranoscopidae	<i>Uranoscopus polli</i>	1	0.11
24	Acanthuridae	<i>Acanthurus monroviae</i>	1	0.05
25	Sphyrnidae	<i>Sphyrna guachancho</i>	26	3.04
26	Stromateidae	<i>Stromateus fiatola</i>	1	0.31
27	Psettodidae	<i>Psettodes belcheri</i>	2	0.80
28	Bothidae	<i>Syacium micrurum</i>	5	0.42
29	Soleidae	<i>Solea senegalensis</i>	1	0.14
30	Monacanthidae	<i>Alutera monoceros</i>	2	1.11
31		<i>Stephanolepis hispidus</i>	5	0.41
32	Ostracodontidae	<i>Acanthostracion guineensis</i>	1	0.17
33	Tetraodontidae	<i>Lagocephalus laevigatus</i>	5	1.15
34		<i>Ephippion guttiferum</i>	1	1.21
35	Diodontidae	<i>Chilomycterus antennatus</i>	1	0.34
Mollusca				
36	Sepiidae	<i>Sepia officinalis</i>	3	2.73
Total			2344	159.59

St.9	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Triakidae	<i>Mustelus mustelus</i>	3	5.39
2	Rajidae	<i>Raja miraletus</i>	1	0.32
3	Holocentridae	<i>Holocentrus hastatus</i>	1	0.12
4	Zeidae	<i>Zeus feber</i>	2	0.87
5	Fistulariidae	<i>Fistularia petimba</i>	10	2.48
6	Dactylopteridae	<i>Cephalacanthus volitans</i>	22	5.04
7	Triglidae	<i>Chelidonichthys lastoviza</i>	4	0.20
8		<i>Trigla lyra</i>	26	1.16
9	Serranidae	<i>Epinephelus aeneus</i>	1	1.22
10	Priacanthidae	<i>Priacanthus arenatus</i>	16	2.70
11	Lutjanidae	<i>Lutjanus fulgens</i>	2	1.07
12	Pomadasyidae	<i>Pomadasys incisus</i>	31	2.00
13	Sparidae	<i>Dentex canariensis</i>	34	9.22
14		<i>Dentex gibbosus</i>	13	1.01
15		<i>Sparus caeruleostictus</i>	126	27.42
16		<i>Pagellus bollottii</i>	14	0.85
17	Sciaenidae	<i>Umbrina canariensis</i>	23	5.90
18	Mullidae	<i>Pseudoupeneus prayensis</i>	66	6.82
19	Chaetodontidae	<i>Bauchotia marcellae</i>	1	0.04
20		<i>Chaetodon hoefleri</i>	12	1.01
21	Bothidae	<i>Syacium micrurum</i>	4	0.28
22	Balistidae	<i>Balistes capricornis</i>	1	0.57
23	Monacanthidae	<i>Alutera schoepfii</i>	2	1.13
24		<i>Stephanolepis hispidus</i>	5	0.76
25	Tetraodontidae	<i>Sphoeroides cutaneus</i>	1	0.56
26		<i>Sphoeroides marmoratus</i>	1	0.09
27	Diodontidae	<i>Chilomycterus antennatus</i>	4	1.61
Mollusca				
28	Octopodidae	<i>Octopus vulgaris</i>	2	2.31
Total			428	82.14

Table 1-7-1 (19) Catch record

The 3rd survey (25 Jul. - 13 Aug. 2001)

St.10	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Torpedinidae	<i>Torpedo torpedo</i>	1	0.08
2	Rhinobatidae	<i>Rhinobatos albomaculatus</i>	1	0.56
3	Rajidae	<i>Raja miraletus</i>	2	0.95
4	Congridae	<i>Conger conger</i>	2	1.08
5	Clupeidae	<i>Sardinella maderensis</i>	1	0.09
6	Batrachoididae	<i>Halobatrachus didactylus</i>	2	0.36
7	Platycephalidae	<i>Grammophiles gruveli</i>	1	0.01
8	Serranidae	<i>Serranus accraensis</i>	1	0.12
9	Carangidae	<i>Decapterus rhonchus</i>	5	0.67
10		<i>Chloroscomburus chrysurus</i>	245	6.66
11		<i>Selene dorsalis</i>	21	0.87
12		<i>Alectis alexandrinus</i>	2	0.22
13	Gerreidae	<i>Eucinostomus melanopterus</i>	1	0.05
14	Pomadasyidae	<i>Brachydeuterus auritus</i>	47	2.56
15		<i>Pomadasys incisus</i>	159	20.38
16	Sparidae	<i>Dentex canariensis</i>	6	0.56
17		<i>Sparus caeruleostictus</i>	106	14.74
18		<i>Pagellus bellottii</i>	70	7.51
19	Polynemidae	<i>Galeoides decadactylus</i>	1	0.10
20	Sciaenidae	<i>Pseudotolithus senegalensis</i>	5	1.23
21	Mullidae	<i>Pseudoupeneus prayensis</i>	12	1.02
22	Sphyraenidae	<i>Sphyraena guachancho</i>	19	2.08
23	Trichiuridae	<i>Trichiurus lepturus</i>	1	0.04
24	Psettodidae	<i>Psettodes belcheri</i>	4	0.63
25	Bothidae	<i>Syacium micrurum</i>	5	0.27
26	Cynoglossidae	<i>Cynoglossus monodi</i>	5	1.28
27	Balistidae	<i>Balistes capricus</i>	1	0.11
28	Monacanthidae	<i>Stephanolepis hispidus</i>	2	0.12
29	Diodontidae	<i>Chilomycterus antennatus</i>	1	1.48
Crustacea				
30	Penaeidae	<i>Penaeus notialis</i>	2	0.08
31	Calappidae	<i>Calappa pelii</i>	1	0.18
32	Squillidae	<i>Squilla cadenati</i>	1	0.02
Mollusca				
33	Sepiidae	<i>Sepia officinalis</i>	7	3.52
Total			740	69.60

St.11	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Rajidae	<i>Raja miraletus</i>	2	0.66
2	Clupeidae	<i>Sardinella aurita</i>	1	0.06
3	Batrachoididae	<i>Halobatrachus didactylus</i>	1	0.32
4	Fistulariidae	<i>Fistularia petimba</i>	6	1.27
5	Dactylopteridae	<i>Cephalacanthus volitans</i>	1	0.18
6	Scorpaenidae	<i>Scorpaena stephanica</i>	1	0.07
7	Triglidae	<i>Trigla lyra</i>	10	0.47
8	Serranidae	<i>Epinephelus aeneus</i>	7	2.94
9		<i>Serranus accraensis</i>	1	0.03
10	Priacanthidae	<i>Priacanthus arenatus</i>	9	0.47
11	Carangidae	<i>Trachurus trachurus</i>	80	4.51
12		<i>Chloroscomburus chrysurus</i>	197	7.86
13		<i>Solar macropthalmus</i>	1	0.10
14	Pomadasyidae	<i>Brachydeuterus auritus</i>	79	4.12
15		<i>Pomadasys incisus</i>	400	33.90
16	Sparidae	<i>Dentex canariensis</i>	20	6.13
17		<i>Sparus caeruleostictus</i>	66	13.33
18		<i>Pagellus bellottii</i>	282	14.59
19		<i>Boops boops</i>	48	2.07
20	Mullidae	<i>Pseudoupeneus prayensis</i>	140	8.63
21	Chaetodontidae	<i>Bauchotia marcellae</i>	1	0.03
22	Sphyraenidae	<i>Sphyraena guachancho</i>	1	0.13
23	Bothidae	<i>Syacium micrurum</i>	3	0.21
24	Balistidae	<i>Balistes capricus</i>	2	0.24
25	Monacanthidae	<i>Alutera monoceros</i>	2	0.60
26		<i>Stephanolepis hispidus</i>	3	0.26
Mollusca				
27	Volutidae	<i>Cymbium cymbium</i>	4	9.58
28	Sepiidae	<i>Sepia officinalis</i>	8	6.50
29	Octopodidae	<i>Octopus vulgaris</i>	2	5.48
Total			1,377	124.71

St.12	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Torpedinidae	<i>Torpedo torpedo</i>	3	2.25
2	Rajidae	<i>Raja miraletus</i>	1	0.35
3	Clupeidae	<i>Sardinella aurita</i>	1	0.10
4	Zeidae	<i>Zeus feber</i>	2	0.71
5	Fistulariidae	<i>Fistularia petimba</i>	2	0.30
6	Dactylopteridae	<i>Cephalacanthus volitans</i>	1	0.20
7	Triglidae	<i>Trigla lyra</i>	2	0.04
8	Serranidae	<i>Serranus accraensis</i>	3	0.10
9	Priacanthidae	<i>Priacanthus arenatus</i>	236	15.27
10	Carangidae	<i>Trachurus trachurus</i>	144	4.53
11	Pomadasyidae	<i>Pomadasys incisus</i>	12	0.87
12	Sparidae	<i>Dentex congoensis</i>	188	6.50
13		<i>Dentex canariensis</i>	7	0.74
14		<i>Sparus caeruleostictus</i>	5	0.34
15		<i>Pagellus bellottii</i>	26	1.65
16		<i>Boops boops</i>	117	5.24
17	Sciaenidae	<i>Umbrina canariensis</i>	20	4.20
18	Mullidae	<i>Pseudoupeneus prayensis</i>	1	0.07
19	Soleidae	<i>Dicologlossa hexaphthalma</i>	1	0.04
20	Monacanthidae	<i>Stephanolepis hispidus</i>	1	0.05
21	Tetraodontidae	<i>Sphoeroides cutaneus</i>	1	0.19
Mollusca				
22	Octopodidae	<i>Octopus vulgaris</i>	1	1.32
Total			775	45.08

Table 1-7-1 (20) Catch record

The 3rd survey (25 Jul. - 13 Aug. 2001)

St. 13	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Torpedinidae	<i>Torpedo torpedo</i>	1	1.37
2	Rajidae	<i>Raja miraletus</i>	7	2.09
3	Ophidiidae	<i>Brotula barbata</i>	1	0.23
4	Lophiidae	<i>Lophiodes kempi</i>	1	0.20
5	Zeidae	<i>Zeus feber</i>	10	4.77
6	Trigidae	<i>Trigla lyra</i>	171	5.27
7	Serranidae	<i>Serranus accraensis</i>	12	0.39
8	Priacanthidae	<i>Priacanthus arenatus</i>	15	0.81
9	Carangidae	<i>Trachurus trachurus</i>	29	1.13
10	Pomadasyidae	<i>Pomadasys incisus</i>	1	0.08
11	Sparidae	<i>Dentex angolensis</i>	78	2.16
12		<i>Dentex congolensis</i>	180	6.13
13		<i>Dentex gibbosus</i>	2	0.40
14		<i>Boops boops</i>	12	0.89
15	Tetraodontidae	<i>Sphoeroides cutaneus</i>	1	0.25
Mollusca				
16	Sepiidae	<i>Sepia officinalis</i>	8	0.17
17	Octopodidae	<i>Octopus vulgaris</i>	1	1.50
Total			530	27.50

St. 14	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Torpedinidae	<i>Torpedo torpedo</i>	6	3.38
2	Dasyatidae	<i>Himantura margarita</i>	6	5.05
3	Clupeidae	<i>Sardinella maderensis</i>	1	0.15
4	Fistulariidae	<i>Fistularia tabacaria</i>	4	2.83
5		<i>Fistularia petimba</i>	20	5.41
6	Dactylopteridae	<i>Cephalacanthus volitans</i>	1	0.67
7	Scorpaenidae	<i>Scorpaena laevis</i>	7	1.76
8	Grammatidae	<i>Rypiticus saponaceus</i>	3	0.55
9	Priacanthidae	<i>Priacanthus arenatus</i>	4	0.86
10	Carangidae	<i>Decapterus rhonchus</i>	25	3.69
11		<i>Decapterus punctatus</i>	51	1.28
12		<i>Chloroscomburus chrysurus</i>	2,483	149.89
13		<i>Selar macrophthalmus</i>	11	3.41
14		<i>Caranx crysos</i>	2	0.60
15		<i>Selene dorsalis</i>	7	0.93
16	Lutjanidae	<i>Lutjanus fulgens</i>	45	6.43
17	Pomadasyidae	<i>Brachydeuterus auritus</i>	17	1.10
18		<i>Pomadasys incisus</i>	141	13.21
19		<i>Plectorhynchus mediterraneus</i>	1	0.65
20	Sparidae	<i>Dentex canariensis</i>	287	28.05
21		<i>Sparus caeruleostictus</i>	202	22.35
22		<i>Pagellus bellottii</i>	35	2.77
23	Lethrinidae	<i>Lethrinus atlanticus</i>	23	2.87
24	Polynemidae	<i>Galeoides decadactylus</i>	1	0.17
25	Sciaenidae	<i>Umbrina steindachneri</i>	8	3.66
26	Mullidae	<i>Pseudoupeneus prayensis</i>	181	16.28
27	Chaetodontidae	<i>Chaetodon hoefleri</i>	17	1.31
28	Pomacanthidae	<i>Holacanthus africanus</i>	1	0.24
29	Labridae	<i>Bodianus speciosus</i>	4	2.49
30	Ephippidae	<i>Chaetodipterus lippei</i>	12	3.05
31	Acanthuridae	<i>Acanthurus monroviae</i>	3	1.83
32	Sphyraenidae	<i>Sphyraena guachancho</i>	34	9.69
33	Cynoglossidae	<i>Cynoglossus monodi</i>	1	0.24
34	Balistidae	<i>Balistes punctatus</i>	17	6.13
35	Monacanthidae	<i>Alutera schoepfii</i>	7	3.60
36		<i>Alutera monoceros</i>	17	14.28
37		<i>Stephanolepis hispidus</i>	16	16.65
38	Ostraciontidae	<i>Acanthostracion guineensis</i>	31	5.93
39	Tetraodontidae	<i>Lagocephalus laevisgatus</i>	3	2.01
Mollusca				
40	Sepiidae	<i>Sepia officinalis</i>	5	10.63
Total			3,740	356.06

St. 15	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Torpedinidae	<i>Torpedo torpedo</i>	2	1.02
2		<i>Torpedo marmorata</i>	1	3.00
3	Rajidae	<i>Raja miraletus</i>	1	0.30
4	Antennariidae	<i>Antennarius senegalensis</i>	1	0.21
5	Fistulariidae	<i>Fistularia petimba</i>	11	2.29
6	Dactylopteridae	<i>Cephalacanthus volitans</i>	5	2.24
7	Scorpaenidae	<i>Scorpaena laevis</i>	8	2.23
8	Serranidae	<i>Epinephelus taeniops</i>	2	1.68
9	Priacanthidae	<i>Priacanthus arenatus</i>	5	0.53
10	Carangidae	<i>Decapterus punctatus</i>	61	1.48
11		<i>Decapterus rhonchus</i>	1	0.15
12		<i>Trachurus trachurus</i>	28	2.67
13		<i>Decapterus punctatus</i>	61	1.48
14		<i>Chloroscomburus chrysurus</i>	104	8.52
15		<i>Selar macrophthalmus</i>	141	34.96
16	Lutjanidae	<i>Lutjanus fulgens</i>	5	6.48
17	Pomadasyidae	<i>Pomadasys incisus</i>	26	3.95
18		<i>Plectorhynchus mediterraneus</i>	1	0.91
19	Sparidae	<i>Dentex canariensis</i>	61	14.45
20		<i>Sparus caeruleostictus</i>	287	28.25
21		<i>Pagellus bellottii</i>	94	6.53
22	Lethrinidae	<i>Lethrinus atlanticus</i>	30	2.88
23	Mullidae	<i>Pseudoupeneus prayensis</i>	179	17.71
24	Chaetodontidae	<i>Chaetodon hoefleri</i>	10	0.64
25	Pomacanthidae	<i>Holacanthus africanus</i>	1	0.17
26	Labridae	<i>Bodianus speciosus</i>	3	4.06
27	Scaridae	<i>Spariosoma rubripinno</i>	2	1.78
28	Bothidae	<i>Syacium micrurum</i>	25	1.71
29		<i>Bothus podas</i>	1	0.03
30	Balistidae	<i>Balistes capricus</i>	2	0.16
31		<i>Balistes punctatus</i>	23	8.14
32	Monacanthidae	<i>Alutera schoepfii</i>	2	1.10
33		<i>Alutera monoceros</i>	7	4.06
34		<i>Stephanolepis hispidus</i>	18	1.68
35	Ostraciontidae	<i>Acanthostracion guineensis</i>	11	2.02
36	Tetraodontidae	<i>Lagocephalus laevisgatus</i>	1	0.39
37		<i>Ephippion guttiferum</i>	2	1.34
38	Diodontidae	<i>Chilomycterus antennatus</i>	7	3.54
Mollusca				
39	Sepiidae	<i>Sepia officinalis</i>	4	3.99
40	Octopodidae	<i>Octopus vulgaris</i>	1	1.56
Total			1,235	180.27

Table 1-7-1 (21) Catch record

The 3rd survey (25 Jul. - 13 Aug. 2001)

St. 16	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Rajidae	<i>Raja miraletus</i>	1	0.62
2	Fistulariidae	<i>Fistularia petimba</i>	1	0.32
3	Dactylopteridae	<i>Cephalacanthus volitans</i>	8	1.63
4	Triglidae	<i>Trigla lyra</i>	1	0.10
5	Priacanthidae	<i>Priacanthus arenatus</i>	17	2.95
6	Carangidae	<i>Selar macrophthalmus</i>	7	1.97
7		<i>Caranx crysos</i>	4	1.27
8	Lutjanidae	<i>Lutjanus fulgens</i>	5	1.62
9		<i>Apsilus fuscus</i>	8	1.60
10	Pomadasyidae	<i>Pomadasyus incisus</i>	173	19.33
11	Sparidae	<i>Dentex canariensis</i>	25	5.14
12		<i>Sparus caeruleostictus</i>	41	7.62
13		<i>Pagellus bellottii</i>	10	0.89
14		<i>Boops boops</i>	1	0.02
15	Lethrinidae	<i>Lethrinus atlanticus</i>	18	3.63
16	Mullidae	<i>Pseudopeneus prayensis</i>	45	6.74
17	Chaetodontidae	<i>Chaetodon hoefleri</i>	1	0.10
18	Pomacanthidae	<i>Holocanthus africanus</i>	1	0.07
19	Labridae	<i>Bodianus speciosus</i>	3	3.36
20	Acanthuridae	<i>Acanthurus monroviae</i>	21	14.30
21	Scombridae	<i>Sarda sarda</i>	1	1.11
22	Psettodidae	<i>Psettodes belcheri</i>	1	0.73
23	Bothidae	<i>Syacium micrurum</i>	7	0.44
24	Tetraodontidae	<i>Lagocephalus laevigatus</i>	14	4.73
25	Diodontidae	<i>Chilomycterus antennatus</i>	2	0.97
Mollusca				
26	Sepiidae	<i>Sepia officinalis</i>	4	2.61
27	Octopodidae	<i>Octopus vulgaris</i>	3	6.52
Total			423	90.40

St. 17	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Torpedinidae	<i>Torpedo torpedo</i>	1	0.49
2	Rajidae	<i>Raja miraletus</i>	2	0.94
3	Fistulariidae	<i>Fistularia petimba</i>	3	0.10
4	Dactylopteridae	<i>Cephalacanthus volitans</i>	21	4.52
5	Triglidae	<i>Trigla lyra</i>	21	1.84
6	Serranidae	<i>Epinephelus aeneus</i>	2	2.24
7	Priacanthidae	<i>Priacanthus arenatus</i>	10	1.50
8	Pomadasyidae	<i>Pomadasyus incisus</i>	80	8.14
9	Sparidae	<i>Dentex canariensis</i>	12	2.14
10		<i>Dentex gibbosus</i>	1	0.15
11		<i>Sparus caeruleostictus</i>	8	0.84
12		<i>Pagellus bellottii</i>	39	1.79
13	Polynemidae	<i>Galeoides decadactylus</i>	1	0.05
14	Mullidae	<i>Pseudopeneus prayensis</i>	103	9.09
15	Psettodidae	<i>Psettodes belcheri</i>	1	0.55
16	Citharidae	<i>Citharus macrolepidotus</i>	1	0.08
17	Bothidae	<i>Syacium micrurum</i>	18	0.88
18	Monacanthidae	<i>Stephanolepis hispidus</i>	14	1.33
19	Tetraodontidae	<i>Lagocephalus laevigatus</i>	1	0.37
20		<i>Sphoeroides marmoratus</i>	1	0.07
21	Diodontidae	<i>Chilomycterus antennatus</i>	1	0.63
Mollusca				
22	Sepiidae	<i>Sepia officinalis</i>	2	0.99
23	Ommastrephidae	<i>Illex coindetii</i>	2	0.01
24	Octopodidae	<i>Octopus vulgaris</i>	4	5.44
Total			349	44.17

St. 18	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Rajidae	<i>Raja miraletus</i>	6	2.34
2	Clupeidae	<i>Sardinella aurita</i>	4	0.43
3	Zeidae	<i>Zeus feber</i>	1	0.68
4	Fistulariidae	<i>Fistularia petimba</i>	1	0.84
5	Dactylopteridae	<i>Cephalacanthus volitans</i>	7	1.96
6	Triglidae	<i>Trigla lyra</i>	22	1.69
7	Serranidae	<i>Epinephelus aeneus</i>	1	1.75
8	Carangidae	<i>Decapterus punctatus</i>	3	0.23
9	Sparidae	<i>Dentex canariensis</i>	3	1.15
10		<i>Dentex gibbosus</i>	4	0.93
11		<i>Sparus caeruleostictus</i>	19	2.72
12		<i>Pagellus bellottii</i>	1	0.05
13	Mullidae	<i>Pseudopeneus prayensis</i>	63	6.98
14	Pomacentridae	<i>Chromis chromis</i>	209	12.22
15	Citharidae	<i>Citharus macrolepidotus</i>	2	0.14
16	Bothidae	<i>Syacium micrurum</i>	15	1.26
Mollusca				
17	Sepiidae	<i>Sepia officinalis</i>	1	1.57
Total			362	36.92

St. 19	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Torpedinidae	<i>Torpedo marmorata</i>	1	1.62
2	Rajidae	<i>Raja miraletus</i>	6	2.35
3	Zeidae	<i>Zeus feber</i>	4	1.47
4	Dactylopteridae	<i>Cephalacanthus volitans</i>	13	3.28
5	Triglidae	<i>Trigla lyra</i>	5	0.50
6		<i>Lepidotrigla cadmani</i>	1	0.03
7	Carangidae	<i>Trachurus trachurus</i>	28	4.57
8		<i>Decapterus punctatus</i>	71	5.82
9	Lutjanidae	<i>Lutjanus fulgens</i>	4	2.92
10		<i>Apsilus fuscus</i>	1	0.26
11	Pomadasyidae	<i>Plectorhynchus mediterraneus</i>	1	5.48
12	Sparidae	<i>Dentex canariensis</i>	9	2.62
13		<i>Dentex gibbosus</i>	4	1.15
14		<i>Sparus caeruleostictus</i>	9	2.09
15		<i>Pagellus bellottii</i>	11	1.04
16	Mullidae	<i>Pseudopeneus prayensis</i>	174	15.08
17	Chaetodontidae	<i>Bauchotia marcellae</i>	8	0.17
18	Pomacentridae	<i>Chromis chromis</i>	1,811	101.40
19	Labridae	<i>Bodianus speciosus</i>	1	0.75
20		<i>Coris julis</i>	1	0.19
21	Scombridae	<i>Scomber japonicus</i>	4	0.95
22	Bothidae	<i>Syacium micrurum</i>	8	0.49
23	Tetraodontidae	<i>Sphoeroides cutaneus</i>	2	1.12
Mollusca				
24	Sepiidae	<i>Sepia officinalis</i>	4	2.67
25	Octopodidae	<i>Octopus vulgaris</i>	2	1.05
Total			2,183	159.06

Table 1-7-1 (22) Catch record

The 3rd survey (25 Jul. - 13 Aug. 2001)

St.20	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Torpedinidae	<i>Torpedo marmorata</i>	1	0.35
2	Carangidae	<i>Chloroscomburus chrysurus</i>	6	0.31
3		<i>Alectis alexandrinus</i>	2	2.58
4	Pomadasvidae	<i>Brachydeuterus auritus</i>	7	0.22
5	Sparidae	<i>Sparus caeruleostictus</i>	38	2.63
6	Polynemidae	<i>Galeoides decadactylus</i>	4	0.58
7	Sciaenidae	<i>Pseudotolithus senegalensis</i>	3	1.00
8	Mullidae	<i>Pseudopeneus prayensis</i>	3	0.11
9	Sphyraenidae	<i>Sphyraena guachancho</i>	4	0.05
10	Stromateidae	<i>Stromateus fiatola</i>	1	0.45
11	Cynoglossidae	<i>Cynoglossus monodi</i>	2	0.53
12	Monacanthidae	<i>Stephanolepis hispidus</i>	1	0.07
Crustacea				
13	Calappidae	<i>Calappa pelii</i>	2	0.59
14	Portunidae	<i>Cronius ruber</i>	1	0.10
Mollusca				
15	Sepiidae	<i>Sepia officinalis</i>	8	8.67
Total			83	18.23

St.21	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Torpedinidae	<i>Torpedo torpedo</i>	1	1.17
2	Synodontidae	<i>Trachinocephalus myops</i>	1	0.03
3	Carangidae	<i>Decapterus rhonchus</i>	7	0.61
4		<i>Decapterus punctatus</i>	1	0.05
5		<i>Chloroscomburus chrysurus</i>	56	2.26
6	Lutjanidae	<i>Lutjanus fulgens</i>	2	0.06
7		<i>Lutjanus dendatus</i>	1	0.94
8	Pomadasvidae	<i>Brachydeuterus auritus</i>	72	2.48
9	Sparidae	<i>Sparus caeruleostictus</i>	30	5.09
10		<i>Pagellus bellottii</i>	6	0.53
11	Lethrinidae	<i>Lethrinus atlanticus</i>	3	1.94
12	Polynemidae	<i>Galeoides decadactylus</i>	2	0.12
13	Sciaenidae	<i>Pseudotolithus senegalensis</i>	1	0.37
14	Mullidae	<i>Pseudopeneus prayensis</i>	3	0.15
15	Trachinidae	<i>Trachinus armatus</i>	2	0.08
16	Uranoscopidae	<i>Uranoscopus polli</i>	1	0.50
17	Sphyraenidae	<i>Sphyraena guachancho</i>	3	0.11
18	Bothidae	<i>Syacium micrurum</i>	1	0.17
19	Balistidae	<i>Balistes capricus</i>	1	0.05
20		<i>Balistes punctatus</i>	1	0.61
21	Diodontidae	<i>Chilomycterus antennatus</i>	1	0.10
Crustacea				
22	Calappidae	<i>Calappa pelii</i>	3	0.95
23		<i>Calappa gallus</i>	1	0.04
Mollusca				
24	Glycymerididae	<i>Chlamys purpuratus</i>	3	0.07
25	Sepiidae	<i>Sepia officinalis</i>	4	3.27
Total			207	21.75

St.22	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Rajidae	<i>Raja miraletus</i>	1	0.25
2	Clupeidae	<i>Sardinella aurita</i>	4	0.24
3	Platycephalidae	<i>Grammolites grueli</i>	1	0.03
4	Priacanthidae	<i>Priacanthus arenatus</i>	2	0.10
5	Carangidae	<i>Decapterus rhonchus</i>	4	0.31
6		<i>Decapterus punctatus</i>	40	0.84
7		<i>Chloroscomburus chrysurus</i>	1	0.03
8	Pomadasvidae	<i>Brachydeuterus auritus</i>	15	0.58
9	Sparidae	<i>Sparus caeruleostictus</i>	38	1.21
10		<i>Pagellus bellottii</i>	189	10.43
11	Mullidae	<i>Pseudopeneus prayensis</i>	1	0.04
12	Uranoscopidae	<i>Uranoscopus polli</i>	1	0.51
13	Bothidae	<i>Syacium micrurum</i>	2	0.38
14	Monacanthidae	<i>Alutera monoceros</i>	1	1.00
Crustacea				
15	Calappidae	<i>Calappa pelii</i>	2	0.54
Mollusca				
16	Sepiidae	<i>Sepia officinalis</i>	2	2.91
Total			304	19.38

St.23	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Synodontidae	<i>Trachinocephalus myops</i>	3	0.93
2	Dactylopteridae	<i>Cephalacanthus volitans</i>	4	0.83
3	Triglidae	<i>Trigla lyra</i>	7	0.95
4	Carangidae	<i>Decapterus punctatus</i>	1	0.11
5	Sparidae	<i>Sparus caeruleostictus</i>	1	0.09
6		<i>Pagellus bellottii</i>	3	0.22
7	Bothidae	<i>Syacium micrurum</i>	7	0.71
8		<i>Bothus podas</i>	5	0.16
9	Monacanthidae	<i>Stephanolepis hispidus</i>	6	0.57
Mollusca				
10	Sepiidae	<i>Sepia officinalis</i>	4	3.89
Total			41	8.45

St.24	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Torpedinidae	<i>Torpedo torpedo</i>	1	1.36
2	Rajidae	<i>Raja miraletus</i>	3	1.44
3	Ophichthidae	<i>Echelus myrus</i>	1	0.57
4	Dactylopteridae	<i>Cephalacanthus volitans</i>	5	1.22
5	Triglidae	<i>Chelidonichthys lastoviza</i>	1	0.07
6		<i>Trigla lyra</i>	15	1.69
7	Platycephalidae	<i>Grammolites grueli</i>	1	0.02
8	Priacanthidae	<i>Priacanthus arenatus</i>	3	0.71
9	Lutjanidae	<i>Lutjanus fulgens</i>	1	0.31
10	Sparidae	<i>Dentex canariensis</i>	6	2.45
11		<i>Sparus caeruleostictus</i>	7	1.93
12		<i>Pagellus bellottii</i>	4	0.35
13	Mullidae	<i>Pseudopeneus prayensis</i>	169	20.76
14	Chaetodontidae	<i>Bauchotia marcellae</i>	1	0.03
15		<i>Chaetodon hoefleri</i>	1	0.08
16	Pomacentridae	<i>Chromis chromis</i>	147	11.46
17	Trachinidae	<i>Trachinus radiatus</i>	2	0.13
18		<i>Trachinus armatus</i>	1	0.30
19	Bothidae	<i>Syacium micrurum</i>	18	1.83
20	Balistidae	<i>Balistes capricus</i>	1	0.42
21	Monacanthidae	<i>Alutera schoepfii</i>	1	0.43
22		<i>Stephanolepis hispidus</i>	3	0.44
23	Tetraodontidae	<i>Sphoeroides marmoratus</i>	1	0.08
24	Diodontidae	<i>Chilomycterus antennatus</i>	1	0.18
Mollusca				
25	Sepiidae	<i>Sepia officinalis</i>	7	8.42
Total			401	56.66

Table 1-7-1 (23) Catch record

The 3rd survey (25 Jul. - 13 Aug. 2001)

St. 25	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Squatinaidae	<i>Squatina aculeata</i>	4	3.81
2	Rajidae	<i>Raja trraletus</i>	10	3.96
3	Holocentridae	<i>Holocentrus hastatus</i>	5	0.86
4	Fistulariidae	<i>Fistularia petimba</i>	1	0.53
5	Dactylopteridae	<i>Cephalacanthus volitans</i>	10	2.32
6	Scorpaenidae	<i>Helicolenus dactylopterus</i>	2	2.14
7	Triglidae	<i>Trigla lyra</i>	9	0.89
8	Serranidae	<i>Epinephelus taeniops</i>	1	0.43
9	Lutjanidae	<i>Lutjanus fulgens</i>	8	4.64
10		<i>Apsilus fuscus</i>	28	7.70
11	Sparidae	<i>Dentex canariensis</i>	12	5.56
12		<i>Dentex gibbosus</i>	6	2.26
13		<i>Sparus caeruleostictus</i>	16	4.50
14		<i>Pagellus bellottii</i>	22	1.74
15	Mullidae	<i>Pseudopeneus prayensis</i>	50	5.73
16	Chaetodontidae	<i>Bauchotia marcellae</i>	1	0.04
17		<i>Chaetodon hoefleri</i>	1	0.21
18	Pomacentridae	<i>Chromis chromis</i>	1,527	122.84
19	Trachinidae	<i>Trachinus radiatus</i>	1	0.36
20	Bothidae	<i>Syacium micrurum</i>	5	0.42
21	Diodontidae	<i>Chilomycterus antennatus</i>	1	0.32
Total			1,719	170.92

St. 26	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Torpedinidae	<i>Torpedo torpedo</i>	1	0.30
2	Clupeidae	<i>Ilisha africana</i>	18	0.53
3	Batrachoididae	<i>Halobatrachus didactylus</i>	3	0.20
4	Dactylopteridae	<i>Cephalacanthus volitans</i>	1	0.28
5	Scorpaenidae	<i>Scorpaena stephanica</i>	1	0.01
6	Priacanthidae	<i>Priacanthus arenatus</i>	2	0.07
7	Carangidae	<i>Decapterus rhonchus</i>	15	1.13
8		<i>Chloroscomburus chrysurus</i>	129	9.40
9		<i>Caranx crysos</i>	4	0.93
10		<i>Alectis alexandrinus</i>	2	0.25
11	Pomadasyidae	<i>Brachydeuterus auritus</i>	527	16.87
12		<i>Pomadasys incisus</i>	16	2.25
13	Sparidae	<i>Sparus caeruleostictus</i>	104	5.67
14	Lethrinidae	<i>Lethrinus atlanticus</i>	1	0.08
15	Polynemidae	<i>Galeoides decadactylus</i>	21	1.77
16	Sciaenidae	<i>Pseudotolithus senegalensis</i>	25	8.94
17		<i>Pterascion peli</i>	9	0.34
18	Mullidae	<i>Pseudopeneus prayensis</i>	11	0.78
19	Drepanidae	<i>Drepane africana</i>	16	1.51
20	Pomacentridae	<i>Chromis chromis</i>	2	0.15
21	Trachinidae	<i>Trachinus armatus</i>	1	0.04
22	Uranoscopidae	<i>Uranoscopus polli</i>	3	0.62
23	Ephippidae	<i>Chaetodipterus lippei</i>	1	0.13
24	Sphyrnidae	<i>Sphyrna guachancho</i>	11	2.00
25	Trichiuridae	<i>Trichiurus lepturus</i>	15	2.26
26	Stromateidae	<i>Stromateus fiatola</i>	1	0.25
27	Bothidae	<i>Syacium micrurum</i>	1	0.11
28	Balistidae	<i>Balistes capricus</i>	1	0.07
Crustacea				
29	Calappidae	<i>Calappa pelii</i>	3	0.84
30	Portunidae	<i>Cronius ruber</i>	3	0.29
Mollusca				
31	Sepiidae	<i>Sepia officinalis</i>	5	1.94
Total			953	60.02

St. 27	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Triakidae	<i>Mustelus mustelus</i>	1	0.18
2	Clupeidae	<i>Sardinella rouxi</i>	6	0.19
3	Batrachoididae	<i>Halobatrachus didactylus</i>	1	0.07
4	Priacanthidae	<i>Priacanthus arenatus</i>	21	1.01
5	Carangidae	<i>Decapterus rhonchus</i>	284	10.46
6		<i>Decapterus punctatus</i>	4	0.13
7		<i>Chloroscomburus chrysurus</i>	439	24.27
8		<i>Selar macrophthalmus</i>	28	5.05
9		<i>Caranx crysos</i>	2	0.28
10	Pomadasyidae	<i>Brachydeuterus auritus</i>	2,373	91.25
11		<i>Pomadasys incisus</i>	38	6.00
12	Sparidae	<i>Sparus caeruleostictus</i>	52	2.95
13		<i>Pagellus bellottii</i>	116	7.22
14	Polynemidae	<i>Galeoides decadactylus</i>	8	0.63
15	Sciaenidae	<i>Pseudotolithus senegalensis</i>	3	1.02
16	Mullidae	<i>Pseudopeneus prayensis</i>	51	3.27
17	Trachinidae	<i>Trachinus armatus</i>	1	0.04
18	Uranoscopidae	<i>Uranoscopus polli</i>	1	0.26
19	Sphyrnidae	<i>Sphyrna guachancho</i>	164	13.27
20	Psettodidae	<i>Psettodes belcheri</i>	1	0.41
21	Bothidae	<i>Syacium micrurum</i>	2	0.22
22	Cynoglossidae	<i>Cynoglossus monodi</i>	1	0.26
23	Balistidae	<i>Balistes capricus</i>	1	0.07
24	Monacanthidae	<i>Stephanolepis hispidus</i>	3	0.18
25	Tetraodontidae	<i>Lagocephalus laevisgatus</i>	5	1.33
Crustacea				
26	Calappidae	<i>Calappa pelii</i>	5	1.46
27	Portunidae	<i>Fortunus hastatus</i>	1	0.02
Mollusca				
28	Glycymerididae	<i>Chalamys purpuratus</i>	4	0.04
29	Sepiidae	<i>Sepia officinalis</i>	3	5.72
Total			3,619	177.24

Table 1-7-1 (24) Catch record

The 3rd survey (25 Jul. - 13 Aug. 2001)

St.28	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Torpedinidae	<i>Torpedo torpedo</i>	2	0.71
2	Rajidae	<i>Raja miraletus</i>	1	0.41
3	Synodontidae	<i>Trachinocephalus myops</i>	2	0.28
4	Batrachoididae	<i>Halobatrachus didactylus</i>	2	0.22
5	Antennariidae	<i>Antennarius commersoni</i>	1	0.42
6	Fisturariidae	<i>Fisturaria petimba</i>	1	0.24
7	Platycephalidae	<i>Grammoplites gruveli</i>	1	0.07
8	Priacanthidae	<i>Priacanthus arenatus</i>	1	0.05
9	Rachycentridae	<i>Rachycentrum canadum</i>	1	8.60
10	Carangidae	<i>Decapterus rhonchus</i>	90	3.52
11		<i>Chloroscomburus chrysurus</i>	3	0.22
12		<i>Caranx crysos</i>	1	0.11
13	Pomadasyidae	<i>Brachydeuterus auritus</i>	92	4.31
14		<i>Pomadasye incisus</i>	2	0.39
15	Sparidae	<i>Dentex canariensis</i>	5	0.39
16		<i>Sparus caeruleostictus</i>	10	0.74
17		<i>Pagellus bellottii</i>	447	33.16
18	Polynemidae	<i>Galeoides decadactylus</i>	1	0.07
19	Mullidae	<i>Pseudopeneus prayensis</i>	80	5.50
20	Uranoscopidae	<i>Uranoscopus polli</i>	3	1.06
21	Sphyraenidae	<i>Sphyraena guachancho</i>	2	0.15
22	Bothidae	<i>Syacium micrurum</i>	4	0.51
23		<i>Bothus podas</i>	1	0.03
24	Soleidae	<i>Dicologlossa hexaphthalma</i>	1	0.10
25		<i>Solea senegalensis</i>	1	0.12
26	Cynoglossidae	<i>Cynoglossus monodi</i>	1	0.15
27	Balistidae	<i>Balistes capriscus</i>	1	0.20
28	Monacanthidae	<i>Stephanolepis hispidus</i>	2	0.13
Crustacea				
29	Calappidae	<i>Calappa pelii</i>	2	0.52
Mollusca				
30	Glycymerididae	<i>Chlamys purpuratus</i>	5	0.16
31	Volutidae	<i>Cymbium cymbium</i>	1	0.89
32	Sepiidae	<i>Sepia officinalis</i>	5	3.04
33	Octopodidae	<i>Octopus vulgaris</i>	2	4.96
Total			774	71.42

St.29	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Triakidae	<i>Mustelus mustelus</i>	1	1.60
2	Torpedinidae	<i>Torpedo torpedo</i>	2	1.24
3	Rajidae	<i>Raja miraletus</i>	5	1.30
4	Clupeidae	<i>Sardinella aurita</i>	4	0.23
5	Fisturariidae	<i>Fisturaria tabacaria</i>	3	0.83
6	Dactylopteridae	<i>Cephalacanthus volitans</i>	11	4.51
7	Triglidae	<i>Trigla lyra</i>	5	0.36
8	Platycephalidae	<i>Grammoplites gruveli</i>	2	0.08
9	Priacanthidae	<i>Priacanthus arenatus</i>	2	0.11
10	Carangidae	<i>Decapterus rhonchus</i>	65	5.52
11		<i>Decapterus punctatus</i>	2	0.03
12	Sparidae	<i>Dentex canariensis</i>	4	2.72
13		<i>Sparus caeruleostictus</i>	3	0.13
14		<i>Pagellus bellottii</i>	131	5.91
15		<i>Boops boops</i>	1	0.06
16	Mullidae	<i>Pseudopeneus prayensis</i>	16	1.56
17	Sphyraenidae	<i>Sphyraena guachancho</i>	1	0.25
18	Scombridae	<i>Scomber japonicus</i>	1	0.16
19	Bothidae	<i>Syacium micrurum</i>	8	1.13
20		<i>Bothus podas</i>	1	0.06
21	Balistidae	<i>Balistes capriscus</i>	32	12.91
22	Monacanthidae	<i>Stephanolepis hispidus</i>	2	0.59
Mollusca				
23	Octopodidae	<i>Octopus vulgaris</i>	1	1.82
Total			303	43.10

St.30	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Triakidae	<i>Mustelus mustelus</i>	2	0.37
2	Torpedinidae	<i>Torpedo torpedo</i>	1	0.81
3	Dactylopteridae	<i>Cephalacanthus volitans</i>	9	2.29
4	Triglidae	<i>Trigla lyra</i>	16	1.53
5	Platycephalidae	<i>Grammoplites gruveli</i>	1	0.02
6	Carangidae	<i>Decapterus rhonchus</i>	2	0.16
7	Carangidae	<i>Trachurus trachurus</i>	1	0.08
8	Sparidae	<i>Dentex canariensis</i>	1	0.13
9		<i>Pagellus bellottii</i>	13	0.93
10	Bothidae	<i>Syacium micrurum</i>	13	1.61
11		<i>Bothus podas</i>	1	0.02
12	Balistidae	<i>Balistes capriscus</i>	8	3.61
13	Monacanthidae	<i>Stephanolepis hispidus</i>	13	0.92
Mollusca				
14	Sepiidae	<i>Sepia officinalis</i>	9	12.21
15	Octopodidae	<i>Octopus vulgaris</i>	1	1.35
Total			91	26.03

St.31	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Triakidae	<i>Mustelus mustelus</i>	4	2.17
2	Rajidae	<i>Raja miraletus</i>	8	3.20
3	Holocentridae	<i>Holocentrus hastatus</i>	2	0.27
4	Zeidae	<i>Zeus feber</i>	5	1.64
5	Fisturariidae	<i>Fisturaria petimba</i>	7	2.85
6	Dactylopteridae	<i>Cephalacanthus volitans</i>	52	11.97
7	Triglidae	<i>Trigla lyra</i>	55	1.90
8	Platycephalidae	<i>Grammoplites gruveli</i>	1	0.04
9	Sparidae	<i>Dentex canariensis</i>	4	1.98
10		<i>Dentex gibbosus</i>	9	3.81
11		<i>Sparus caeruleostictus</i>	9	2.53
12		<i>Pagellus bellottii</i>	57	2.81
13		<i>Boops boops</i>	1	0.05
14	Mullidae	<i>Pseudopeneus prayensis</i>	25	2.86
15	Chaetodontidae	<i>Bauchotia marcellae</i>	3	0.14
16	Pomacentridae	<i>Chromis chromis</i>	1,001	106.86
17	Bothidae	<i>Syacium micrurum</i>	2	0.18
18	Tetraodontidae	<i>Sphoeroides cutaneus</i>	2	0.85
19	Diodontidae	<i>Chilomycterus antennatus</i>	5	2.18
Mollusca				
20	Sepiidae	<i>Sepia officinalis</i>	8	2.70
Total			1,260	151.00

Table 1-7-1 (25) Catch record

The 3rd survey (25 Jul. - 13 Aug. 2001)

St.32	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Torpedinidae	<i>Torpedo marmorata</i>	1	0.16
2	Rajidae	<i>Raja miraletus</i>	5	1.91
3	Dasyatidae	<i>Himantura margarita</i>	3	0.48
4	Muraenoesocida	<i>Cynoponticus ferox</i>	1	1.25
5	Elopidae	<i>Elops lacerta</i>	1	0.25
6	Clupeidae	<i>Ilisha africana</i>	15	0.29
7	Ariidae	<i>Arius heudelotii</i>	1	0.13
8	Batrachoididae	<i>Halobatrachus didactylus</i>	2	0.36
9	Carangidae	<i>Chloroscomburus chrysurus</i>	4	0.60
10	Pomadasyidae	<i>Brachydeuterus auritus</i>	3	0.19
11		<i>Pomadasyys jubelini</i>	17	6.40
12	Polynemidae	<i>Galeoides decadactylus</i>	15	4.34
13	Sciaenidae	<i>Pseudolithus senegalensis</i>	36	6.81
14		<i>Pteroscion peli</i>	28	1.05
15	Drepanidae	<i>Drepane africana</i>	6	0.28
16	Ephippidae	<i>Chaetodipterus lippei</i>	2	1.20
17	Trichiuridae	<i>Trichiurus lepturus</i>	7	1.10
18	Cynoglossidae	<i>Cynoglossus monodi</i>	2	0.38
Crustacea				
19	Penaeidae	<i>Penaeus notialis</i>	86	1.15
20	Palinuridae	<i>Panulirus argus</i>	1	0.08
Mollusca				
21	Volutidae	<i>Cymbium cymbium</i>	1	1.74
Total			237	30.13

St.33	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Triakidae	<i>Mustelus mustelus</i>	1	2.40
2	Torpedinidae	<i>Torpedo torpedo</i>	9	2.52
3	Rajidae	<i>Raja miraletus</i>	58	11.69
4	Clupeidae	<i>Sardinella aurita</i>	2	0.07
5	Fistulariidae	<i>Fistularia petimba</i>	3	1.08
6	Dactylopteridae	<i>Cephalacanthus volitans</i>	21	6.88
7	Triglidae	<i>Trigla lyra</i>	1	0.08
8		<i>Lepidotrigla cadmani</i>	11	0.47
9	Platycephalidae	<i>Grammophilites gruvelli</i>	1	0.04
10	Serranidae	<i>Epinephelus aeneus</i>	1	0.44
11	Priacanthidae	<i>Priacanthus arenatus</i>	38	1.07
12	Carangidae	<i>Decapterus rhonchus</i>	1,311	24.95
13	Pomadasyidae	<i>Pomadasyys jubelini</i>	2	0.77
14	Sparidae	<i>Dentex canariensis</i>	1	0.72
15		<i>Sparus caeruleostictus</i>	6	2.29
16		<i>Pagellus bellottii</i>	129	8.96
17		<i>Boops boops</i>	5	0.11
18	Mullidae	<i>Pseudupeneus prayvensis</i>	1	0.03
19	Sphyrnidae	<i>Sphyrna guachancho</i>	1	0.71
20	Citharidae	<i>Citharus macrolepidotus</i>	4	0.18
21	Bothidae	<i>Syacium micrurum</i>	4	0.20
22	Cynoglossidae	<i>Cynoglossus monodi</i>	32	5.37
23	Monacanthidae	<i>Stephanolepis hispidus</i>	1	0.04
Crustacea				
24	Palinuridae	<i>Panulirus argus</i>	1	0.09
25	Majidae	<i>Maja squinado</i>	1	0.05
Mollusca				
26	Sepiidae	<i>Sepia officinalis</i>	19	9.08
27	Octopodidae	<i>Octopus vulgaris</i>	9	7.81
Total			1,673	88.09

St.34	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Triakidae	<i>Mustelus mustelus</i>	6	0.91
2	Torpedinidae	<i>Torpedo torpedo</i>	2	1.44
3	Rajidae	<i>Raja miraletus</i>	9	3.18
4	Batrachoididae	<i>Halobatrachus didactylus</i>	1	0.24
5	Lophiidae	<i>Lophiodes kempi</i>	1	0.14
6	Zeidae	<i>Zeus feber</i>	3	0.86
7	Fistulariidae	<i>Fistularia petimba</i>	4	1.49
8	Dactylopteridae	<i>Cephalacanthus volitans</i>	1	0.30
9	Triglidae	<i>Trigla lyra</i>	1,199	28.68
10	Serranidae	<i>Epinephelus aeneus</i>	1	4.81
11	Priacanthidae	<i>Priacanthus arenatus</i>	82	4.57
12	Carangidae	<i>Trachurus trachurus</i>	17	0.30
13	Lutjanidae	<i>Lutjanus fulgens</i>	25	10.20
14	Pomadasyidae	<i>Plectorhynchus macrolepis</i>	1	0.93
15	Sparidae	<i>Dentex canariensis</i>	6	2.95
16		<i>Dentex gibbosus</i>	9	5.11
17		<i>Sparus caeruleostictus</i>	2	0.76
18		<i>Pagellus bellottii</i>	352	18.70
19		<i>Boops boops</i>	1	0.11
20	Mullidae	<i>Pseudupeneus prayvensis</i>	32	2.72
21	Chaetodontidae	<i>Bauchotia marcellae</i>	4	0.13
22	Pomacentridae	<i>Chromis chromis</i>	161	19.69
23	Citharidae	<i>Citharus macrolepidotus</i>	1	0.04
24	Bothidae	<i>Syacium micrurum</i>	4	0.71
25	Tetraodontidae	<i>Sphoeroides cutaneus</i>	3	1.90
Mollusca				
26	Sepiidae	<i>Sepia officinalis</i>	14	9.91
27	Octopodidae	<i>Octopus vulgaris</i>	1	0.52
Total			1,942	121.27

St.35	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Torpedinidae	<i>Torpedo torpedo</i>	1	0.26
2		<i>Torpedo marmorata</i>	1	0.14
3	Rajidae	<i>Raja miraletus</i>	1	0.55
4	Dasyatidae	<i>Himantura margarita</i>	5	2.79
5	Muraenoesocida	<i>Cynoponticus ferox</i>	10	2.14
6	Priacanthidae	<i>Priacanthus arenatus</i>	10	1.09
7	Carangidae	<i>Selene dorsalis</i>	1	0.17
8	Pomadasyidae	<i>Brachydeuterus auritus</i>	23	2.05
9		<i>Pomadasyys jubelini</i>	8	9.22
10	Polynemidae	<i>Galeoides decadactylus</i>	2	0.84
11	Sciaenidae	<i>Pseudolithus senegalensis</i>	95	20.02
12		<i>Pteroscion peli</i>	50	1.80
13	Drepanidae	<i>Drepane africana</i>	2	0.08
14	Trachinidae	<i>Trachinus armatus</i>	3	1.20
15	Soleidae	<i>Solea senegalensis</i>	1	0.09
16	Cynoglossidae	<i>Cynoglossus monodi</i>	1	0.32
Crustacea				
17	Penaeidae	<i>Penaeus notialis</i>	60	0.41
18	Calappidae	<i>Calappa pelii</i>	2	0.38
Mollusca				
19	Volutidae	<i>Cymbium cymbium</i>	1	1.41
20	Sepiidae	<i>Sepia officinalis</i>	4	2.82
Total			281	47.75

Table 1-7-1 (26) Catch record

The 3rd survey (25 Jul. - 13 Aug. 2001)

St.36	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Triakidae	<i>Mustelus mustelus</i>	1	1.19
2	Torpedinidae	<i>Torpedo torpedo</i>	12	3.78
3	Rajidae	<i>Raja miraletus</i>	10	1.89
4	Clupeidae	<i>Sardinella rouxi</i>	8	0.20
5	Ophidiidae	<i>Brotula barbata</i>	1	0.48
6	Batrachoididae	<i>Halobatrachus didactylus</i>	4	0.88
7	Triglidae	<i>Trigla lyra</i>	130	5.49
8	Platycephalidae	<i>Grammoplites gruveli</i>	1	0.04
9	Priacanthidae	<i>Priacanthus arenatus</i>	7	0.34
10	Carangidae	<i>Decapterus rhonchus</i>	1	0.04
11		<i>Trachurus trachurus</i>	14	0.74
12		<i>Chloroscomburus chrysurus</i>	105	4.92
13		<i>Selene dorsalis</i>	7	1.57
14	Pomadasyidae	<i>Brachydeuterus auritus</i>	4,177	189.28
15		<i>Pomadasys incisus</i>	205	13.74
16	Sparidae	<i>Pagellus bellottii</i>	429	31.54
17		<i>Boops boops</i>	16	0.69
18	Polynemidae	<i>Galeoides decadactylus</i>	5	0.28
19	Sciaenidae	<i>Umbrina canariensis</i>	9	0.87
20		<i>Pentheroscion mbizi</i>	9	1.24
21	Mullidae	<i>Pseudopeneus prayensis</i>	1	0.04
22	Trichiuridae	<i>Trichiurus lepturus</i>	14	2.20
23	Stromateidae	<i>Stromateus fiatola</i>	21	5.31
24	Citharidae	<i>Citharus macrolepidotus</i>	2	0.03
25	Cynoglossidae	<i>Cynoglossus monodi</i>	2	0.35
Crustacea				
26	Penaeidae	<i>Penaeus notialis</i>	8	0.16
Mollusca				
27	Volutidae	<i>Cymbium cymbium</i>	1	0.59
28	Sepiidae	<i>Sepia officinalis</i>	8	4.96
29	Octopodidae	<i>Octopus vulgaris</i>	1	0.63
Total			5,209	273.45

St.38	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Triakidae	<i>Mustelus mustelus</i>	1	1.45
2	Torpedinidae	<i>Torpedo torpedo</i>	2	0.40
3	Rajidae	<i>Raja miraletus</i>	6	1.34
4	Dactylopteridae	<i>Cephalacanthus volitans</i>	1	0.34
5	Triglidae	<i>Trigla lyra</i>	2	0.20
6	Priacanthidae	<i>Priacanthus arenatus</i>	11	0.41
7	Carangidae	<i>Decapterus rhonchus</i>	85	4.65
8		<i>Trachurus trachurus</i>	22	1.31
9		<i>Chloroscomburus chrysurus</i>	1,782	87.56
10		<i>Selene dorsalis</i>	7	1.24
11		<i>Alectis alexandrinus</i>	2	0.37
12	Gerreidae	<i>Eucinostomus melanopterus</i>	10	0.65
13	Pomadasyidae	<i>Brachydeuterus auritus</i>	2,858	127.14
14	Sparidae	<i>Dentex canariensis</i>	24	2.53
15		<i>Pagellus bellottii</i>	126	14.68
16	Sciaenidae	<i>Pentheroscion mbizi</i>	15	1.68
17	Trachinidae	<i>Trachinus armatus</i>	3	0.80
18	Sphyrnidae	<i>Sphyrna guachancho</i>	8	1.66
19	Stromateidae	<i>Stromateus fiatola</i>	1	0.35
20	Bothidae	<i>Syacium micrurum</i>	9	0.65
21		<i>Bothus podas</i>	15	0.41
22	Soleidae	<i>Solea senegalensis</i>	2	0.35
23	Balistidae	<i>Balistes capricus</i>	10	1.08
24	Monacanthidae	<i>Stephanolepis hispidus</i>	2	0.18
25	Tetraodonidae	<i>Lagocephalus laevis</i>	1	0.26
Crustacea				
26	Calappidae	<i>Calappa pelii</i>	4	0.86
Mollusca				
27	Cassidae	<i>Cassis tessellata</i>	1	0.47
28	Volutidae	<i>Cymbium cymbium</i>	1	1.80
29	Sepiidae	<i>Sepia officinalis</i>	9	8.71
30	Octopodidae	<i>Octopus vulgaris</i>	1	2.12
Total			5,021	265.63

St.37	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Ophidiidae	<i>Brotula barbata</i>	11	2.78
2	Antennariidae	<i>Antennarius senegalensis</i>	2	0.26
3	Zeidae	<i>Zeus feber</i>	10	3.53
4	Fistulariidae	<i>Fistularia petimba</i>	3	1.13
5	Dactylopteridae	<i>Cephalacanthus volitans</i>	2	0.46
6	Triglidae	<i>Trigla lyra</i>	821	28.78
7	Platycephalidae	<i>Grammoplites gruveli</i>	2	0.10
8	Priacanthidae	<i>Priacanthus arenatus</i>	310	8.03
9	Branchiostegida	<i>Branchiostegus semifasciatus</i>	6	2.40
10	Carangidae	<i>Trachurus trachurus</i>	81	2.71
11		<i>Chloroscomburus chrysurus</i>	3	0.28
12	Pomadasyidae	<i>Brachydeuterus auritus</i>	22	1.12
13	Sparidae	<i>Dentex angolensis</i>	246	20.54
14		<i>Dentex canariensis</i>	12	4.63
15		<i>Dentex gibbosus</i>	1	1.89
16		<i>Sparus caeruleostictus</i>	7	0.89
17		<i>Pagellus bellottii</i>	94	2.75
18	Mullidae	<i>Pseudopeneus prayensis</i>	2	0.16
19	Drepanidae	<i>Drepane africana</i>	247	19.92
20	Uranoscopidae	<i>Uranoscopus polli</i>	1	0.25
21	Citharidae	<i>Citharus macrolepidotus</i>	2	0.08
22	Cynoglossidae	<i>Cynoglossus monodi</i>	2	0.35
Mollusca				
23	Sepiidae	<i>Sepia officinalis</i>	12	8.66
Total			1,899	111.70

Table 1-7-1 (27) Catch record

The 3rd survey (25 Jul. - 13 Aug. 2001)

St.39	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Triakidae	<i>Mustelus mustelus</i>	2	2.35
2	Torpedinidae	<i>Torpedo torpedo</i>	1	0.64
3	Rajidae	<i>Raja miraletus</i>	7	1.36
4	Fistulariidae	<i>Fistularia petimba</i>	1	0.16
5	Dactylopteridae	<i>Cephalacanthus volitans</i>	11	3.07
6	Triglidae	<i>Trigla lyra</i>	38	1.93
7	Serranidae	<i>Epinephelus aeneus</i>	1	0.34
8	Priacanthidae	<i>Priacanthus arenatus</i>	830	24.68
9	Carangidae	<i>Decapterus rhonchus</i>	800	6.69
10		<i>Chloroscomburus chrysurus</i>	26	1.44
11	Gerreidae	<i>Eucinostomus melanopterus</i>	1	0.08
12	Pomadasyidae	<i>Brachydeuterus auritus</i>	1,319	52.16
13	Sparidae	<i>Dentex canariensis</i>	6	0.43
14		<i>Pagellus bellottii</i>	242	14.74
15		<i>Boops boops</i>	1	0.06
16	Mullidae	<i>Pseudopeneus prayvensis</i>	17	0.77
17	Sphyracidae	<i>Sphyracna guachancho</i>	8	2.03
18	Citharidae	<i>Citharus macrolepidotus</i>	3	0.20
19	Bothidae	<i>Syacium micrurum</i>	3	0.12
20	Soleidae	<i>Solea senegalensis</i>	1	0.11
21	Cynoglossidae	<i>Cynoglossus monodi</i>	11	2.25
22	Balistidae	<i>Balistes capriscus</i>	6	1.19
23	Monacanthidae	<i>Stephanolepis hispidus</i>	1	0.07
24	Diodontidae	<i>Chilomycterus antennatus</i>	1	0.21
Mollusca				
25	Volutidae	<i>Cymbium cymbium</i>	1	0.75
26	Sepiidae	<i>Sepia officinalis</i>	18	12.37
27	Octopodidae	<i>Octopus vulgaris</i>	3	2.98
Total			3,359	133.17

St.40	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Triakidae	<i>Mustelus mustelus</i>	1	3.32
2	Squatinae	<i>Squatina aculeata</i>	1	29.34
3	Torpedinidae	<i>Torpedo torpedo</i>	1	0.47
4	Rajidae	<i>Raja miraletus</i>	1	0.53
5	Ophidiidae	<i>Brotula barbata</i>	1	0.47
6	Zeidae	<i>Zeus feber</i>	1	0.45
7	Fistulariidae	<i>Fistularia petimba</i>	1	0.62
8	Dactylopteridae	<i>Cephalacanthus volitans</i>	1	0.20
9	Scorpaenidae	<i>Helicolenus dactylopterus</i>	2	0.75
10	Triglidae	<i>Trigla lyra</i>	231	10.34
11	Priacanthidae	<i>Priacanthus arenatus</i>	18	0.49
12	Branchiostegidae	<i>Branchiostegus semifasciatus</i>	4	1.50
13	Carangidae	<i>Trachurus trachurus</i>	3	0.12
14		<i>Alectis alexandrinus</i>	1	0.21
15	Gerreidae	<i>Eucinostomus melanopterus</i>	1	0.09
16	Pomadasyidae	<i>Brachydeuterus auritus</i>	19	0.77
17		<i>Pomadasy incisus</i>	40	5.11
18	Sparidae	<i>Dentex angolensis</i>	154	12.05
19		<i>Dentex canariensis</i>	32	19.41
20		<i>Dentex gibbosus</i>	46	40.38
21		<i>Pagellus bellottii</i>	24	1.98
22	Sciaenidae	<i>Umbrina canariensis</i>	37	6.00
23	Mullidae	<i>Pseudopeneus prayvensis</i>	4	0.55
24	Chaetodontidae	<i>Bauchotis marcellae</i>	7	0.26
25		<i>Chaetodon hoefleri</i>	1	0.09
26	Scomberidae	<i>Scomber japonicus</i>	1	0.14
27	Cynoglossidae	<i>Cynoglossus monodi</i>	8	1.37
28	Diodontidae	<i>Chilomycterus antennatus</i>	1	0.17
Total			642	137.18

St.41	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Squatinae	<i>Squatina aculeata</i>	15	27.32
2	Rajidae	<i>Raja miraletus</i>	3	1.79
3	Lophidae	<i>Lophiodes kempii</i>	1	0.22
4	Zeidae	<i>Zeus feber</i>	1	1.97
5	Fistulariidae	<i>Fistularia petimba</i>	3	1.14
6	Scorpaenidae	<i>Helicolenus dactylopterus</i>	4	2.37
7	Triglidae	<i>Trigla lyra</i>	3	0.21
8	Serranidae	<i>Epinephelus aeneus</i>	3	28.25
9	Carangidae	<i>Trachurus trachurus</i>	2	0.10
10	Sparidae	<i>Dentex angolensis</i>	338	15.61
11		<i>Dentex congoensis</i>	140	7.50
12		<i>Dentex canariensis</i>	2	0.84
13		<i>Sparus caeruleostictus</i>	1	0.15
14		<i>Pagellus bellottii</i>	2	0.23
15		<i>Boops boops</i>	13	0.68
16	Uranoscopidae	<i>Uranoscopus albesca</i>	6	2.63
17	Ariommatidae	<i>Ariomma bondi</i>	10	0.80
18	Tetraodontidae	<i>Sphoeroides cutaneus</i>	1	0.07
19	Diodontidae	<i>Chilomycterus antennatus</i>	2	0.71
Mollusca				
20	Sepiidae	<i>Sepia officinalis</i>	1	0.86
Total			551	93.44

St.42	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Squatinae	<i>Squatina aculeata</i>	3	5.65
2	Ophidiidae	<i>Brotula barbata</i>	1	1.19
3	Fistulariidae	<i>Fistularia petimba</i>	2	0.59
4	Triglidae	<i>Trigla lyra</i>	31	2.12
5	Sparidae	<i>Dentex angolensis</i>	80	7.91
6		<i>Dentex congoensis</i>	172	7.36
7		<i>Dentex canariensis</i>	1	0.19
8		<i>Dentex gibbosus</i>	1	0.11
9		<i>Sparus caeruleostictus</i>	5	0.97
10		<i>Boops boops</i>	8	0.53
11	Chaetodontidae	<i>Chaetodon hoefleri</i>	1	0.21
12	Uranoscopidae	<i>Uranoscopus albesca</i>	1	0.21
13	Tetraodontidae	<i>Sphoeroides cutaneus</i>	1	0.28
Mollusca				
14	Sepiidae	<i>Sepia officinalis</i>	1	0.02
Total			308	27.31

St.43	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Squatinae	<i>Squatina aculeata</i>	8	20.43
2	Zeidae	<i>Zeus feber</i>	10	5.43
3	Fistulariidae	<i>Fistularia petimba</i>	1	0.56
4	Scorpaenidae	<i>Scorpaena normani</i>	1	0.06
5	Triglidae	<i>Trigla lyra</i>	325	16.12
6	Platycephalidae	<i>Grammophiles gruvelli</i>	1	0.04
7	Pomadasyidae	<i>Pomadasy incisus</i>	3	0.19
8	Sparidae	<i>Dentex angolensis</i>	92	7.52
9		<i>Dentex congoensis</i>	640	23.66
10		<i>Dentex gibbosus</i>	2	0.24
11		<i>Sparus caeruleostictus</i>	1	0.18
12	Mullidae	<i>Pseudopeneus prayvensis</i>	1	0.08
13	Citharidae	<i>Citharus macrolepidotus</i>	1	0.03
14	Monacanthidae	<i>Stephanolepis hispidus</i>	1	0.11
15	Diodontidae	<i>Chilomycterus antennatus</i>	2	0.58
Mollusca				
16	Octopodidae	<i>Octopus vulgaris</i>	1	0.59
Total			1,090	75.80

Table 1-7-1 (28) Catch record

The 3rd survey (25 Jul. - 13 Aug. 2001)

St.44	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Rajidae	<i>Raja miraletus</i>	2	0.80
2		<i>Raja straeleni</i>	2	2.76
3	Lophiidae	<i>Lophiodes kempii</i>	6	1.50
4	Zeidae	<i>Zeus feber</i>	7	4.59
5	Scorpaenidae	<i>Helicolenus dactylopterus</i>	1	0.37
6		<i>Trigla lyra</i>	85	6.09
7	Sparidae	<i>Dentex angolensis</i>	104	9.95
8		<i>Dentex congoensis</i>	40	0.81
9	Uranoscopidae	<i>Uranoscopus albesca</i>	2	0.29
10	Soleidae	<i>Dicologlossa hexaphthalma</i>	1	0.08
11	Tetraodontidae	<i>Sphoeroides cutaneus</i>	1	0.08
Mollusca				
12	Sepiidae	<i>Sepia officinalis</i>	2	1.77
Total			253	29.09

St.45	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Rajidae	<i>Raja miraletus</i>	2	0.82
2		<i>Raja straeleni</i>	1	0.70
3	Zeidae	<i>Zeus feber</i>	4	1.08
4	Fistulariidae	<i>Fistularia petimba</i>	1	0.30
5	Triglidae	<i>Trigla lyra</i>	66	3.64
6	Carangidae	<i>Decapterus punctatus</i>	1	0.09
7	Sparidae	<i>Dentex gibbosus</i>	1	0.06
8		<i>Pagellus bellottii</i>	1	0.04
9	Mullidae	<i>Pseudopeneus prayensis</i>	1	0.05
10	Chaetodontidae	<i>Bauchotia marcellae</i>	1	0.03
11	Pomacentridae	<i>Chromis chromis</i>	1	0.06
12	Citharidae	<i>Citharus macrolepidotus</i>	3	0.18
13	Tetraodontidae	<i>Sphoeroides cutaneus</i>	1	0.43
Mollusca				
14	Sepiidae	<i>Sepia officinalis</i>	3	0.10
15	Ommastrephidae	<i>Illex coindetii</i>	2	0.19
Total			89	7.77

St.46	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Triakidae	<i>Mustelus mustelus</i>	1	1.78
2	Squatinae	<i>Squatina aculeata</i>	6	9.53
3	Torpedinidae	<i>Torpedo torpedo</i>	2	1.21
4	Rajidae	<i>Raja miraletus</i>	2	1.10
5	Zeidae	<i>Zeus feber</i>	7	2.05
6	Fistulariidae	<i>Fistularia petimba</i>	3	1.32
7	Triglidae	<i>Trigla lyra</i>	592	17.93
8	Carangidae	<i>Trachurus trachurus</i>	1	0.07
9	Sparidae	<i>Dentex angolensis</i>	3	0.17
10		<i>Dentex congoensis</i>	450	23.43
11		<i>Dentex canariensis</i>	2	0.43
12		<i>Dentex gibbosus</i>	7	2.40
13		<i>Pagellus bellottii</i>	11	0.21
14		<i>Boops boops</i>	1	0.05
15	Mullidae	<i>Pseudopeneus prayensis</i>	1	0.08
16	Citharidae	<i>Citharus macrolepidotus</i>	1	0.08
Mollusca				
17	Sepiidae	<i>Sepia officinalis</i>	1	0.56
18	Octopodidae	<i>Octopus vulgaris</i>	1	0.54
Total			1,092	62.93

St.47	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Triakidae	<i>Mustelus mustelus</i>	2	12.46
2	Rajidae	<i>Raja miraletus</i>	9	4.23
3	Zeidae	<i>Zeus feber</i>	1	0.30
4	Fistulariidae	<i>Fistularia petimba</i>	7	1.44
5	Dactylopteridae	<i>Cephalacanthus volitans</i>	12	2.71
6	Triglidae	<i>Trigla lyra</i>	11	1.32
7	Serranidae	<i>Epinephelus aeneus</i>	1	10.78
8	Sparidae	<i>Dentex canariensis</i>	4	1.53
9		<i>Dentex gibbosus</i>	1	0.34
10		<i>Sparus caeruleostictus</i>	3	0.79
11		<i>Pagellus bellottii</i>	11	0.73
12	Mullidae	<i>Pseudopeneus prayensis</i>	15	1.60
13	Chaetodontidae	<i>Chaetodon hoefleri</i>	1	0.15
14	Pomacentridae	<i>Chromis chromis</i>	19	1.32
15	Trachinidae	<i>Trachinus pellegrini</i>	2	0.08
16	Bothidae	<i>Syacium micrurum</i>	1	0.11
17	Tetraodontidae	<i>Sphoeroides cutaneus</i>	9	1.22
Mollusca				
18	Sepiidae	<i>Sepia officinalis</i>	6	1.19
Total			115	42.28

St.48	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Triakidae	<i>Mustelus mustelus</i>	1	2.56
2	Squatinae	<i>Squatina aculeata</i>	1	2.18
3	Rajidae	<i>Raja doutrei</i>	1	0.66
4		<i>Raja straeleni</i>	2	2.63
5	Ophidiidae	<i>Brotila barbata</i>	5	5.66
6	Zeidae	<i>Zeus feber</i>	12	3.91
7	Fistulariidae	<i>Fistularia petimba</i>	1	0.82
8	Triglidae	<i>Trigla lyra</i>	570	25.15
9	Platycephalidae	<i>Grammophilites gruvelli</i>	2	0.11
10	Priacanthidae	<i>Priacanthus arenatus</i>	12	0.74
11	Branchiostegida	<i>Branchiostegus semifasciatus</i>	4	1.60
12	Carangidae	<i>Trachurus trachurus</i>	10	0.24
13	Sparidae	<i>Dentex angolensis</i>	336	29.92
14		<i>Dentex congoensis</i>	1,311	72.52
15		<i>Dentex canariensis</i>	7	3.73
16		<i>Dentex gibbosus</i>	29	16.13
17		<i>Pagellus bellottii</i>	17	0.76
18		<i>Boops boops</i>	187	3.99
19	Sciaenidae	<i>Umbrina canariensis</i>	2	0.57
20	Chaetodontidae	<i>Bauchotia marcellae</i>	1	0.04
21		<i>Chaetodon hoefleri</i>	1	0.17
22	Uranoscopidae	<i>Uranoscopus polli</i>	1	0.21
23	Citharidae	<i>Citharus macrolepidotus</i>	10	0.71
24	Tetraodontidae	<i>Sphoeroides cutaneus</i>	6	1.82
Mollusca				
25	Sepiidae	<i>Sepia officinalis</i>	4	3.11
26	Ommastrephidae	<i>Illex coindetii</i>	2	0.42
Total			2,535	180.34

Table 1-7-1 (29) Catch record

The 3rd survey (25 Jul. - 13 Aug. 2001)

St.49	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Squatinaidae	<i>Squatina aculeata</i>	1	5.50
2	Rajidae	<i>Raja miraletus</i>	4	1.77
3	Ophidiidae	<i>Brotula barbata</i>	1	0.69
4	Lophiidae	<i>Lophiodes kempii</i>	1	0.66
5	Holocetridae	<i>Holocentrus hastatus</i>	1	0.14
6	Zeidae	<i>Zeus feber</i>	1	0.31
7	Fistulariidae	<i>Fistularia petimba</i>	1	0.39
8	Dactylopteridae	<i>Cephalacanthus volitans</i>	1	0.35
9	Triglidae	<i>Trigla lyra</i>	537	17.46
10	Platycephalidae	<i>Grammophilites gruvelli</i>	1	0.06
11	Serranidae	<i>Epinephelus aeneus</i>	1	9.14
12	Priacanthidae	<i>Priacanthus arenatus</i>	47	1.65
13	Branchiostegida	<i>Branchiostegus semifasciatus</i>	6	2.20
14	Sparidae	<i>Dentex angolensis</i>	397	29.00
15		<i>Dentex canariensis</i>	13	8.01
16		<i>Dentex gibbosus</i>	9	3.18
17		<i>Sparus caeruleostictus</i>	1	1.58
18		<i>Pagellus bellottii</i>	98	3.89
19		<i>Boops boops</i>	40	1.53
20	Sciaenidae	<i>Umbrina canariensis</i>	6	0.91
21	Mullidae	<i>Pseudupeneus pragensis</i>	9	1.00
22	Chaetodontidae	<i>Bauchotia marcellae</i>	11	0.46
23	Tetraodontidae	<i>Sphaeroides cutaneus</i>	1	0.38
Mollusca				
24	Sepiidae	<i>Sepia officinalis</i>	4	2.29
25	Octopodidae	<i>Octopus vulgaris</i>	1	0.29
Total			1,193	92.81

Table 1-7-1 (30) Catch record

The 4th survey (29 Oct - 16 Nov, 2001)

St.1	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces	1 Torpedinidae	<i>Torpedo torpedo</i>	19	2.20
	2 Albulidae	<i>Albulula vulpes</i>	1	1.01
	3 Fistularidae	<i>Fistularia petimba</i>	1	0.07
	4 Grammatidae	<i>Rypticus saponaceus</i>	1	0.07
	5 Echeidae	<i>Echeneis naucrates</i>	1	0.03
	6 Carangidae	<i>Selene dorsalis</i>	18	1.71
	7	<i>Chloroscomburus chrysurus</i>	4	0.15
	8	<i>Trachinotus maxillosus</i>	1	0.81
	9	<i>Alectis alexandrinus</i>	18	19.47
	10 Lutjanidae	<i>Lutjanus dendatus</i>	1	1.94
	11 Pomadasyidae	<i>Brachydeuterus auritus</i>	24	0.95
	12 Sparidae	<i>Dentex canariensis</i>	22	1.15
	13	<i>Sparus caeruleostictus</i>	92	14.35
	14	<i>Pagellus bellottii</i>	10	1.07
	15 Drepanidae	<i>Drepane africana</i>	1	0.22
	16 Sphyraenidae	<i>Sphyraena guachancho</i>	2	2.87
	17 Scomberidae	<i>Scomberomorus tritor</i>	12	7.06
	18 Balistidae	<i>Balistes capriscus</i>	4	4.25
	19	<i>Balistes punctatus</i>	1	0.79
	20 Tetraodontidae	<i>Spherooides marmoratus</i>	1	0.03
	21	<i>Ephippion guttiferum</i>	3	2.61
	22 Diodontidae	<i>Diodon hystrix</i>	9	5.83
	23	<i>Chilomycterus antennatus</i>	2	0.45
Mollusca				
24 Sepiidae	<i>Sepia officinalis</i>	5	3.74	
Crustacea				
25 Penaeidae	<i>Penaeus notialis</i>	1	0.01	
Total			254	72.82

St.2	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces	1 Torpedinidae	<i>Torpedo torpedo</i>	2	0.12
	2 Fistularidae	<i>Fistularia petimba</i>	31	1.36
	3 Platycephalidae	<i>Grammolites grueli</i>	2	0.04
	4 Serranidae	<i>Epinephelus aeneus</i>	11	11.33
	5	<i>Serranus accraensis</i>	23	0.39
	6 Priacanthidae	<i>Priacanthus arenatus</i>	2	0.18
	7 Carangidae	<i>Selene dorsalis</i>	1	0.11
	8	<i>Chloroscomburus chrysurus</i>	3	0.11
	9 Sparidae	<i>Dentex canariensis</i>	25	3.41
	10	<i>Sparus caeruleostictus</i>	262	27.69
	11	<i>Pagellus bellottii</i>	16	1.63
	12 Bothidae	<i>Syacium micurum</i>	2	0.06
	13 Balistidae	<i>Balistes capriscus</i>	1	0.96
	14 Diodontidae	<i>Diodon hystrix</i>	1	0.45
	15	<i>Chilomycterus antennatus</i>	6	1.17
Mollusca				
16 Sepiidae	<i>Sepia officinalis</i>	32	8.39	
Total			420	57.38

St.3	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces	1 Squatinidae	<i>Squatina aculeata</i>	1	0.14
	2 Torpedinidae	<i>Torpedo torpedo</i>	6	2.71
	3 Rajidae	<i>Raja miraletus</i>	7	2.84
	4 Zeidae	<i>Zeus leber</i>	1	0.02
	5 Fistularidae	<i>Fistularia petimba</i>	49	6.04
	6 Triglidae	<i>Lepidotrigla cadmani</i>	2	0.10
	7 Serranidae	<i>Epinephelus aeneus</i>	1	2.23
	8 Priacanthidae	<i>Priacanthus arenatus</i>	1	0.08
	9 Carangidae	<i>Alectis alexandrinus</i>	1	0.61
	10 Sparidae	<i>Dentex angolensis</i>	2	0.09
	11	<i>Dentex canariensis</i>	6	1.14
	12	<i>Sparus caeruleostictus</i>	93	9.30
	13	<i>Pagellus bellottii</i>	5	0.58
	14 Uranoscopidae	<i>Uranoscopus albesca</i>	5	1.70
	15 Psettodidae	<i>Psettodes belcheri</i>	1	0.28
	16 Balistidae	<i>Balistes capriscus</i>	1	1.26
	17 Diodontidae	<i>Diodon hystrix</i>	1	0.35
	18	<i>Chilomycterus antennatus</i>	1	0.30
Mollusca				
19 Sepiidae	<i>Sepia officinalis</i>	78	41.29	
Total			262	70.95

St.4	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces	1 Ophichthidae	<i>Echelus myrus</i>	1	0.57
	2 Serranidae	<i>Epinephelus aeneus</i>	2	1.92
	3 Carangidae	<i>Selene dorsalis</i>	5	0.28
	4	<i>Chloroscomburus chrysurus</i>	104	4.08
	5	<i>Alectis alexandrinus</i>	3	3.67
	6	<i>Trachurus trachurus</i>	1	0.01
	7 Gerreidae	<i>Eucinostomus melanopterus</i>	2	0.10
	8 Pomadasyidae	<i>Brachydeuterus auritus</i>	66	0.68
	9 Sparidae	<i>Dentex canariensis</i>	132	4.94
	10	<i>Sparus caeruleostictus</i>	81	7.78
	11	<i>Pagellus bellottii</i>	1	0.01
	12 Mullidae	<i>Pseudopeneus prayensis</i>	4	0.17
	13 Drepanidae	<i>Drepane africana</i>	1	0.23
	14 Ephippidae	<i>Chaetodipterus lippei</i>	1	0.09
	15 Sphyraenidae	<i>Sphyraena guachancho</i>	2	1.79
	16 Psettodidae	<i>Psettodes belcheri</i>	1	0.38
	17 Balistidae	<i>Balistes punctatus</i>	4	3.48
	18 Ostraciontidae	<i>Acanthostracion guineensis</i>	1	0.30
	19 Tetraodontidae	<i>Ephippion guttiferum</i>	1	0.65
Mollusca				
20 Sepiidae	<i>Sepia officinalis</i>	7	6.51	
Total			420	37.63

Table 1-7-1 (31) Catch record

The 4th survey (29 Oct - 18 Nov. 2001)

St. 5	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Synodontidae	<i>Synodus saurus</i>	1	0.02
2	Fistulariidae	<i>Fistularia petimba</i>	7	0.22
3	Dactylopteridae	<i>Cephalacanthus volitans</i>	1	0.49
4	Platycephalidae	<i>Grammoplites gruveli</i>	4	0.10
5	Serranidae	<i>Epinephelus aeneus</i>	4	7.62
6		<i>Serranus accraensis</i>	14	0.38
7	Priacanthidae	<i>Priacanthus arenatus</i>	25	1.31
8	Carangidae	<i>Chloroscomburus chrysurus</i>	8	0.33
9		<i>Alectis alexandrinus</i>	6	4.19
10	Gerreidae	<i>Eucinostomus melanopterus</i>	1	0.04
11	Sparidae	<i>Dentex canariensis</i>	57	2.37
12		<i>Sparus caeruleostictus</i>	270	12.16
13		<i>Pagellus bellottii</i>	52	3.83
14	Mullidae	<i>Pseudupeneus prayensis</i>	6	0.36
15	Psettodidae	<i>Psettodes belcheri</i>	1	0.52
16	Bothidae	<i>Syacium micrurum</i>	4	0.48
17	Soleidae	<i>Solea senegalensis</i>	1	0.11
18	Balistidae	<i>Balistes capricus</i>	1	0.31
19	Diodontidae	<i>Diodon hystrix</i>	2	0.91
20		<i>Chilomycterus antennatus</i>	6	0.95
Mollusca				
21	Sepiidae	<i>Sepia officinalis</i>	5	2.92
Crustacea				
22	Palinuridae	<i>Panulirus argus</i>	1	0.74
Total			477	40.34

St. 6	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Torpedinidae	<i>Torpedo torpedo</i>	4	2.22
2	Rajidae	<i>Raja miraletus</i>	16	8.38
3	Fistulariidae	<i>Fistularia petimba</i>	4	0.20
4	Dactylopteridae	<i>Cephalacanthus volitans</i>	3	1.53
5	Scorpaenidae	<i>Helicolenus dactylopterus</i>	2	1.25
6		<i>Scorpaena stephanica</i>	1	0.19
7	Triglidae	<i>Lepidotrigla cadmani</i>	6	0.29
8	Serranidae	<i>Epinephelus aeneus</i>	1	0.35
9	Priacanthidae	<i>Priacanthus arenatus</i>	3	0.19
10	Carangidae	<i>Chloroscomburus chrysurus</i>	18	1.21
11		<i>Alectis alexandrinus</i>	3	2.23
12	Pomadasyidae	<i>Brachydeuterus auritus</i>	1	0.10
13	Sparidae	<i>Dentex canariensis</i>	8	1.64
14		<i>Sparus caeruleostictus</i>	70	10.27
15		<i>Pagellus bellottii</i>	118	10.40
16	Mullidae	<i>Pseudupeneus prayensis</i>	2	0.30
17	Psettodidae	<i>Psettodes belcheri</i>	5	3.05
18	Bothidae	<i>Syacium micrurum</i>	2	0.09
19	Balistidae	<i>Balistes capricus</i>	2	0.82
20	Tetraodontidae	<i>Lagocephalus laevigatus</i>	8	1.89
21	Diodontidae	<i>Chilomycterus antennatus</i>	2	0.38
Mollusca				
22	Sepiidae	<i>Sepia officinalis</i>	31	16.58
Crustacea				
23	Palinuridae	<i>Panulirus argus</i>	1	1.63
Total			311	65.19

St. 7	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Fistulariidae	<i>Fistularia tabacaria</i>	2	0.91
2	Scorpaenidae	<i>Scorpaena stephanica</i>	1	0.17
3	Lutjanidae	<i>Lutjanus fulgens</i>	9	12.44
4		<i>Lutjanus endecacanthus</i>	1	0.77
5	Sparidae	<i>Dentex canariensis</i>	5	0.60
6	Lethrinidae	<i>Lethrinus atlanticus</i>	7	0.28
7	Mullidae	<i>Pseudupeneus prayensis</i>	2	0.09
8	Scaridae	<i>Scarus hoefleri</i>	1	0.03
9	Monacanthidae	<i>Alutera schoepfii</i>	1	0.41
10	Ostraciontidae	<i>Acanthostracion guineensis</i>	6	0.97
11	Diodontidae	<i>Diodon hystrix</i>	2	1.69
Mollusca				
12	Sepiidae	<i>Sepia officinalis</i>	3	3.39
Crustacea				
13	Palinuridae	<i>Panulirus argus</i>	1	0.73
Total			41	22.49

St. 8	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Clupeidae	<i>Sardinella aurita</i>	10	0.16
2	Synodontidae	<i>Saurida brasiliensis</i>	1	0.01
3	Fistulariidae	<i>Fistularia petimba</i>	78	4.43
4	Dactylopteridae	<i>Cephalacanthus volitans</i>	9	2.61
5	Triglidae	<i>Lepidotrigla cadmani</i>	25	0.31
6	Platycephalidae	<i>Grammoplites gruveli</i>	3	0.05
7	Serranidae	<i>Epinephelus aeneus</i>	1	0.73
8		<i>Serranus accraensis</i>	97	2.41
9	Priacanthidae	<i>Priacanthus arenatus</i>	1818	40.20
10	Carangidae	<i>Decapterus punctatus</i>	1	0.02
11		<i>Chloroscomburus chrysurus</i>	1	0.03
12	Pomadasyidae	<i>Brachydeuterus auritus</i>	3	0.18
13	Sparidae	<i>Sparus caeruleostictus</i>	144	5.13
14		<i>Pagellus bellottii</i>	1592	16.18
15	Mullidae	<i>Pseudupeneus prayensis</i>	18	0.77
16	Uranoscopidae	<i>Uranoscopus polli</i>	1	0.08
17	Bothidae	<i>Syacium micrurum</i>	54	1.58
18	Balistidae	<i>Balistes punctatus</i>	2	0.54
19	Monacanthidae	<i>Alutera schoepfii</i>	3	0.88
20		<i>Stephanolepis hispidus</i>	4	0.43
21	Ostraciontidae	<i>Acanthostracion guineensis</i>	2	0.38
22	Tetraodontidae	<i>Sphoeroides marmoratus</i>	1	0.01
23	Diodontidae	<i>Diodon hystrix</i>	1	0.36
24		<i>Chilomycterus antennatus</i>	2	0.29
25	Cepolidae	<i>Cepola pauciradiata</i>	1	0.01
Mollusca				
26	Sepiidae	<i>Sepia officinalis</i>	37	10.60
27	Loliginidae	<i>Alloteuthis africana</i>	12	0.03
28	Octopodidae	<i>Octopus vulgaris</i>	3	5.30
Total			3924	93.72

Table 1-7-1 (32) Catch record

The 4th survey (29 Oct. - 16 Nov. 2001)

St. 9	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Trakidae	<i>Mustelus mustelus</i>	1	0.63
2	Rajidae	<i>Raja miraletus</i>	6	2.75
3	Clupeidae	<i>Sardinella aurita</i>	4	0.08
4	Synodontidae	<i>Saurida brasiliensis</i>	2	0.03
5	Lophiidae	<i>Lophiodes kempfi</i>	1	0.06
6	Zeidae	<i>Zeus feber</i>	2	0.63
7	Fistulariidae	<i>Fistularia petimba</i>	116	7.76
8	Dactylopteridae	<i>Cephalacanthus volitans</i>	1	0.24
9	Triglidae	<i>Lepidotrigla cadmani</i>	495	16.37
10	Platycephalidae	<i>Grammophiles gruvelli</i>	7	0.25
11	Priacanthidae	<i>Priacanthus arenatus</i>	59	1.75
12	Carangidae	<i>Decapterus punctatus</i>	14	0.58
13		<i>Trachurus trachurus</i>	117	1.31
14	Pomadasyidae	<i>Brachydeuterus auritus</i>	822	45.28
15	Sparidae	<i>Dentex gibbosus</i>	13	1.57
16		<i>Dentex angolensis</i>	53	4.10
17		<i>Dentex congoensis</i>	965	14.94
18		<i>Dentex canariensis</i>	2	0.38
19		<i>Sparus caeruleostictus</i>	23	2.64
20		<i>Pagellus bellottii</i>	116	2.77
21	Mullidae	<i>Pseudopeneus prayensis</i>	5	0.52
22	Citharidae	<i>Citharus macrolepidotus</i>	5	0.14
23	Bothidae	<i>Syacium micrurum</i>	3	0.04
24	Soleidae	<i>Dicologlossa hexaphthalma</i>	1	0.06
Mollusca				
25	Sepiidae	<i>Sepia officinalis</i>	34	10.42
Total			2867	115.31

St. 10	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Rajidae	<i>Raja miraletus</i>	4	1.69
2	Dasyatidae	<i>Himantura margarita</i>	11	5.10
3	Fistulariidae	<i>Fistularia petimba</i>	4	0.53
4	Scorpaenidae	<i>Scorpaena stephanica</i>	11	2.88
5	Grammatidae	<i>Rypticus sponaceus</i>	5	0.74
6	Priacanthidae	<i>Priacanthus arenatus</i>	50	3.67
7	Carangidae	<i>Decapterus punctatus</i>	71	1.87
8		<i>Caranx crysos</i>	1	0.05
9	Lutjanidae	<i>Lutjanus fulgens</i>	79	5.13
10		<i>Lutjanus dendatus</i>	1	2.71
11	Pomadasyidae	<i>Plectorhynchus mediterraneus</i>	6	4.19
12		<i>Pomadasyis incisus</i>	137	2.76
13		<i>Plectorhynchus macrolepis</i>	3	4.18
14	Sparidae	<i>Dentex canariensis</i>	48	20.09
15		<i>Sparus caeruleostictus</i>	188	10.97
16		<i>Pagellus bellottii</i>	1	0.15
17	Lethrinidae	<i>Lethrinus atlanticus</i>	50	4.15
18	Mullidae	<i>Pseudopeneus prayensis</i>	122	9.77
19	Drepanidae	<i>Drepane africana</i>	4	2.13
20	Chaetodontidae	<i>Chaetodon hoeffleri</i>	144	8.15
21	Pomacanthidae	<i>Holacanthus africanus</i>	12	2.41
22	Pomacentridae	<i>Abudefduf saxifasciatus</i>	2	0.16
23	Labridae	<i>Bodianus speciosus</i>	17	17.13
24	Scaridae	<i>Spariosoma rubripinno</i>	15	12.06
25	Ephippidae	<i>Chaetodipterus lippei</i>	11	2.33
26	Acanthuridae	<i>Acanthurus monroviae</i>	33	6.13
27	Psettodidae	<i>Psettodes belcheri</i>	1	0.39
28	Bothidae	<i>Syacium micrurum</i>	2	0.12
29	Soleidae	<i>Solea senegalensis</i>	1	0.11
30	Cynoglossidae	<i>Cynoglossa monodi</i>	1	0.20
31	Balistidae	<i>Balistes punctatus</i>	17	4.65
32	Monacanthidae	<i>Alutera schoepfii</i>	9	3.80
33		<i>Stephanolepis hispidus</i>	11	1.41
34	Ostraciontidae	<i>Acanthostracion guineensis</i>	75	15.86
35	Tetraodontidae	<i>Lagocephalus laevigatus</i>	4	1.70
36	Diodontidae	<i>Diodon hystrix</i>	28	15.17
Mollusca				
37	Sepiidae	<i>Sepia officinalis</i>	1	1.07
Crustacea				
38	Palinuridae	<i>Panulirus argus</i>	4	1.31
Total			1184	176.91

St. 11	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Torpedinidae	<i>Torpedo marmorata</i>	1	0.80
2	Fistulariidae	<i>Fistularia petimba</i>	4	0.98
3	Dactylopteridae	<i>Cephalacanthus volitans</i>	1	0.52
4	Serranidae	<i>Epinephelus aeneus</i>	5	1.99
5	Priacanthidae	<i>Priacanthus arenatus</i>	4	0.25
6	Carangidae	<i>Alectis alexandrinus</i>	21	6.99
7	Sparidae	<i>Dentex canariensis</i>	1	0.08
8		<i>Sparus caeruleostictus</i>	7	1.14
9		<i>Pagellus bellottii</i>	1	0.27
10	Mullidae	<i>Pseudopeneus prayensis</i>	6	0.47
11	Labridae	<i>Bodianus speciosus</i>	1	0.35
12	Scaridae	<i>Spariosoma rubripinno</i>	1	0.58
13	Bothidae	<i>Syacium micrurum</i>	2	0.13
Mollusca				
14	Sepiidae	<i>Sepia officinalis</i>	5	2.67
Crustacea				
15	Calappidae	<i>Calappa pelii</i>	1	0.15
Total			61	17.37

Table 1-7-1 (33) Catch record

The 4th survey (29 Oct. - 16 Nov. 2001)

St. 12	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Torpedinidae	<i>Torpedo torpedo</i>	2	0.43
2	Albulidae	<i>Albulula vulpes</i>	1	0.68
3	Fistulariidae	<i>Fistularia petimba</i>	63	2.48
4	Syngnathidae	<i>Hippocampus kelloggi</i>	1	0.00
5	Dactylopteridae	<i>Cephalacanthus volitans</i>	3	0.81
6	Serranidae	<i>Epinephelus aeneus</i>	1	0.34
7	Priacanthidae	<i>Priacanthus arenatus</i>	198	8.60
8	Carangidae	<i>Alectis alexandrinus</i>	3	1.56
9	Sparidae	<i>Dentex canariensis</i>	9	0.49
10		<i>Sparus caeruleostictus</i>	44	2.67
11	Lethrinidae	<i>Lethrinus atlanticus</i>	1	0.14
12	Mullidae	<i>Pseudopeneus prayensis</i>	3	0.21
13	Bothidae	<i>Bothus podas</i>	2	0.05
14		<i>Syacium micurum</i>	5	0.23
15	Balistidae	<i>Balistes capricus</i>	6	2.20
16		<i>Balistes punctatus</i>	1	0.20
17	Tetraodontidae	<i>Ephippion guttiferum</i>	1	0.59
Mollusca				
18	Volutidae	<i>Cymbium cymbium</i>	3	2.95
19	Sepiidae	<i>Sepia officinalis</i>	8	5.54
Total			355	30.18
St. 13				
Pisces				
1	Trakidae	<i>Mustelus mustelus</i>	1	1.57
2	Torpedinidae	<i>Torpedo torpedo</i>	1	0.43
3	Rajidae	<i>Raja miraletus</i>	6	3.12
4	Lophiidae	<i>Lophiodes kempii</i>	1	0.22
5	Zeidae	<i>Zeus feber</i>	3	1.39
6	Fistulariidae	<i>Fistularia petimba</i>	179	17.85
7	Dactylopteridae	<i>Cephalacanthus volitans</i>	3	1.27
8	Triglidae	<i>Chelidonichthys lastoviza</i>	1	0.11
9		<i>Trigla lyra</i>	13	0.19
10	Platycephalidae	<i>Grammolites grueli</i>	11	0.21
11	Priacanthidae	<i>Priacanthus arenatus</i>	27	1.73
12	Carangidae	<i>Trachurus trachurus</i>	94	0.54
13	Lutjanidae	<i>Lutjanus fulgens</i>	5	2.06
14	Sparidae	<i>Dentex gibbosus</i>	2	0.29
15		<i>Dentex canariensis</i>	12	5.32
16		<i>Boops boops</i>	423	2.69
17		<i>Sparus caeruleostictus</i>	164	8.51
18		<i>Pagellus bellottii</i>	107	1.39
19	Mullidae	<i>Pseudopeneus prayensis</i>	24	1.77
20	Chaetodontidae	<i>Bauchotia marcellae</i>	6	0.19
21	Pomacentridae	<i>Chromis chromis</i>	67	1.71
22	Citharidae	<i>Citharus macrolepidotus</i>	6	0.10
23	Bothidae	<i>Syacium micurum</i>	4	0.15
24	Cynoglossidae	<i>Cynoglossa monodi</i>	2	0.37
25	Tetraodontidae	<i>Sphoeroides cutaneus</i>	1	0.16
26	Diodontidae	<i>Chilomycterus antennatus</i>	3	0.66
Mollusca				
27	Sepiidae	<i>Sepia officinalis</i>	45	16.97
Total			1211	70.97

St. 14	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Synodontidae	<i>Synodus saurus</i>	10	0.90
2	Platycephalidae	<i>Grammolites grueli</i>	1	0.01
3	Priacanthidae	<i>Priacanthus arenatus</i>	1	0.07
4	Carangidae	<i>Selene dorsalis</i>	54	1.16
5		<i>Decapterus punctatus</i>	4	0.14
6		<i>Decapterus rhonchus</i>	296	1.59
7		<i>Trachurus trachurus</i>	1	0.02
8	Pomadasyidae	<i>Brachydeuterus auritus</i>	1	0.03
9	Sparidae	<i>Dentex canariensis</i>	30	0.94
10		<i>Sparus caeruleostictus</i>	27	1.60
11		<i>Pagellus bellottii</i>	620	7.96
12	Mullidae	<i>Pseudopeneus prayensis</i>	27	1.85
13	Labridae	<i>Xyrichthys novacula</i>	3	0.23
14	Scariidae	<i>Scarus hoefleri</i>	1	0.51
15	Bothidae	<i>Bothus podas</i>	11	0.27
16		<i>Syacium micurum</i>	25	0.89
17	Cynoglossidae	<i>Cynoglossa monodi</i>	1	0.21
18	Monacanthidae	<i>Stephanolepis hispidus</i>	4	0.53
19	Tetraodontidae	<i>Lagocephalus laevigatus</i>	1	0.13
20		<i>Sphoeroides marmoratus</i>	1	0.02
21		<i>Ephippion guttiferum</i>	1	0.37
Mollusca				
22	Volutidae	<i>Cymbium cymbium</i>	1	0.09
23	Sepiidae	<i>Sepia officinalis</i>	16	16.31
Total			1137	35.82
St. 15				
Pisces				
1	Synodontidae	<i>Synodus saurus</i>	3	0.35
2	Antennariidae	<i>Antennarius senegalensis</i>	1	0.07
3	Fistulariidae	<i>Fistularia petimba</i>	5	0.25
4	Scorpaenidae	<i>Scorpaena stephanica</i>	1	0.05
5	Priacanthidae	<i>Priacanthus arenatus</i>	1	0.06
6	Carangidae	<i>Chloroscomburus chrysurus</i>	1	0.06
7	Sparidae	<i>Dentex canariensis</i>	3	0.21
8		<i>Sparus caeruleostictus</i>	8	0.75
9	Lethrinidae	<i>Lethrinus atlanticus</i>	2	0.21
10	Mullidae	<i>Pseudopeneus prayensis</i>	44	4.87
11	Labridae	<i>Xyrichthys novacula</i>	8	0.65
12	Bothidae	<i>Bothus podas</i>	3	0.09
13		<i>Syacium micurum</i>	11	0.51
14	Monacanthidae	<i>Stephanolepis hispidus</i>	11	1.32
Mollusca				
15	Volutidae	<i>Cymbium cymbium</i>	1	1.51
16	Sepiidae	<i>Sepia officinalis</i>	20	12.75
Total			123	23.69

Table 1-7-1 (34) Catch record

The 4th survey (29 Oct - 16 Nov. 2001)

St. 16	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Fistulariidae	<i>Fistularia petimba</i>	22	1.76
2	Dactylopteridae	<i>Cephalacanthus volitans</i>	5	0.62
3	Platycephalidae	<i>Grammophilites gruveli</i>	1	0.03
4	Priacanthidae	<i>Priacanthus arenatus</i>	38	7.33
5	Lutjanidae	<i>Lutjanus fulgens</i>	1	0.47
6	Pomadasyidae	<i>Pomadasyus incisus</i>	32	6.38
7	Sparidae	<i>Dentex canariensis</i>	4	0.77
8		<i>Sparus caeruleostictus</i>	69	4.97
9		<i>Pagellus bellottii</i>	17	1.58
10	Lethrinidae	<i>Lethrinus atlanticus</i>	16	4.76
11	Mullidae	<i>Pseudupeneus prayensis</i>	46	5.10
12	Labridae	<i>Xyrichtys novacula</i>	5	0.39
13		<i>Coris julis</i>	1	0.03
14	Acanthuridae	<i>Acanthurus monroviae</i>	3	1.40
15	Bothidae	<i>Bothus podas</i>	1	0.04
16		<i>Syacium micrurum</i>	21	2.16
17	Soleidae	<i>Solea senegalensis</i>	1	0.13
18	Balistidae	<i>Balistes capricus</i>	10	4.48
19		<i>Balistes punctatus</i>	16	12.97
20	Monacanthidae	<i>Stephanolepis hispidus</i>	15	2.84
21	Ostraciontidae	<i>Acanthostracion guineensis</i>	1	0.22
Mollusca				
22	Volutidae	<i>Cymbium cymbium</i>	5	7.78
23	Sepiidae	<i>Sepia officinalis</i>	41	10.19
Total			371	76.40

St. 17	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Muraenidae	<i>Lycodontis afer</i>	1	2.10
2	Fistulariidae	<i>Fistularia petimba</i>	33	1.75
3	Dactylopteridae	<i>Cephalacanthus volitans</i>	12	3.46
4	Serranidae	<i>Epinephelus aeneus</i>	1	3.60
5	Grammatidae	<i>Rypticus saponaceus</i>	2	0.18
6	Priacanthidae	<i>Priacanthus arenatus</i>	10	1.55
7	Lutjanidae	<i>Lutjanus agennes</i>	1	0.30
8		<i>Lutjanus fulgens</i>	1	0.35
9		<i>Lutjanus dendatus</i>	1	2.21
10		<i>Apsilus fuscus</i>	2	0.07
11	Gerreidae	<i>Eucinostomus melanopterus</i>	2	0.54
12	Pomadasyidae	<i>Pomadasyus incisus</i>	4	0.75
13	Sparidae	<i>Dentex canariensis</i>	7	1.70
14		<i>Sparus caeruleostictus</i>	46	4.01
15	Lethrinidae	<i>Lethrinus atlanticus</i>	6	2.14
16	Mullidae	<i>Pseudupeneus prayensis</i>	21	2.70
17	Acanthuridae	<i>Acanthurus monroviae</i>	6	3.39
18	Bothidae	<i>Syacium micrurum</i>	12	1.03
19	Balistidae	<i>Balistes punctatus</i>	19	10.13
20	Monacanthidae	<i>Stephanolepis hispidus</i>	17	2.42
21	Diodontidae	<i>Diodon hystrix</i>	3	2.89
22		<i>Chilomycterus antennatus</i>	1	0.26
Mollusca				
23	Sepiidae	<i>Sepia officinalis</i>	12	2.47
24	Octopodidae	<i>Octopus vulgaris</i>	2	6.11
Total			222	56.11

St. 18	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Trakidae	<i>Mustelus mustelus</i>	1	0.52
2	Torpedinidae	<i>Torpedo torpedo</i>	2	1.02
3	Rajidae	<i>Raja miraletus</i>	16	9.52
4	Belonidae	<i>Strongylura senegalensis</i>	1	0.25
5	Fistulariidae	<i>Fistularia petimba</i>	48	3.16
6	Dactylopteridae	<i>Cephalacanthus volitans</i>	19	5.65
7	Triglidae	<i>Lepidotrigla cadmani</i>	4	0.37
8	Priacanthidae	<i>Priacanthus arenatus</i>	19	1.84
9	Carangidae	<i>Seiur macropthalmus</i>	8	1.89
10	Lutjanidae	<i>Lutjanus fulgens</i>	1	0.39
11		<i>Apsilus fuscus</i>	1	0.03
12	Sparidae	<i>Dentex gibbosus</i>	9	4.88
13		<i>Dentex canariensis</i>	14	6.06
14		<i>Boops boops</i>	1	0.00
15		<i>Sparus caeruleostictus</i>	90	9.90
16		<i>Pagellus bellottii</i>	49	3.22
17	Mullidae	<i>Pseudupeneus prayensis</i>	80	8.11
18	Pomacentridae	<i>Chromis chromis</i>	102	3.85
19	Bothidae	<i>Syacium micrurum</i>	21	1.90
20	Balistidae	<i>Balistes capricus</i>	3	2.44
21	Monacanthidae	<i>Stephanolepis hispidus</i>	3	0.41
22	Tetraodontidae	<i>Lagocephalus laevigatus</i>	4	2.21
Mollusca				
23	Sepiidae	<i>Sepia officinalis</i>	118	42.07
Total			614	109.67

St. 19	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Trakidae	<i>Mustelus mustelus</i>	1	0.63
2	Rajidae	<i>Raja miraletus</i>	29	13.00
3	Zeidae	<i>Zeus feber</i>	10	5.25
4	Fistulariidae	<i>Fistularia petimba</i>	118	5.82
5	Dactylopteridae	<i>Cephalacanthus volitans</i>	17	4.21
6	Triglidae	<i>Lepidotrigla cadmani</i>	5	0.44
7		<i>Chelidonichthys lastoviza</i>	6	0.47
8		<i>Trigla lyra</i>	2	0.04
9	Platycephalidae	<i>Grammophilites gruveli</i>	1	0.04
10	Lutjanidae	<i>Apsilus fuscus</i>	2	0.05
11	Pomadasyidae	<i>Brachydeuterus auritus</i>	1	0.05
12	Sparidae	<i>Dentex gibbosus</i>	113	27.51
13		<i>Dentex canariensis</i>	22	12.72
14		<i>Sparus caeruleostictus</i>	43	12.64
15		<i>Pagellus bellottii</i>	567	32.30
16	Mullidae	<i>Pseudupeneus prayensis</i>	82	6.47
17	Chaetodontidae	<i>Bauchotia marcellae</i>	5	0.20
18	Pomacentridae	<i>Chromis chromis</i>	543	25.86
19	Labridae	<i>Bodianus speciosus</i>	1	0.20
20	Bothidae	<i>Syacium micrurum</i>	3	0.19
21	Tetraodontidae	<i>Sphoeroides cutaneus</i>	8	2.32
Mollusca				
22	Sepiidae	<i>Sepia officinalis</i>	31	15.59
Total			1610	166.01

Table 1-7-1 (35) Catch record

The 4th survey (29 Oct. - 16 Nov. 2001)

St.20	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Rhinobatidae	<i>Rhinobatos irvinei</i>	1	0.31
2	Platyrrhinidae	<i>Zanobatus schoenlenii</i>	1	0.10
3	Dasyatidae	<i>Himantura margarita</i>	6	2.70
4	Elopidae	<i>Elops lacerta</i>	7	1.42
5	Clupeidae	<i>Ethmalosa fimbriata</i>	7	0.64
6		<i>Ilisha africana</i>	4	0.07
7	Synodontidae	<i>Trachinocephalus myops</i>	3	0.37
8	Batrachoididae	<i>Halobatrachus didactylus</i>	7	0.47
9	Carangidae	<i>Selene dorsalis</i>	94	1.69
10		<i>Decapterus punctatus</i>	2	0.03
11		<i>Decapterus rhonchus</i>	5	0.39
12		<i>Chloroscomburus chrysurus</i>	210	4.75
13		<i>Alectis alexandrinus</i>	4	0.36
14	Pomadasyidae	<i>Pomadasy incisus</i>	210	5.53
15		<i>Brachydeuterus auritus</i>	8607	387.14
16	Sparidae	<i>Sparus caeruleostictus</i>	186	8.71
17		<i>Pagellus bellottii</i>	31	0.39
18	Lethrinidae	<i>Lethrinus atlanticus</i>	2	0.08
19	Polynemidae	<i>Galeoides decadactylus</i>	393	29.00
20	Sciaenidae	<i>Pteroscion peli</i>	228	7.47
21		<i>Pseudotolithus senegalensis</i>	2087	617.71
22		<i>Umbrina canariensis</i>	1	0.03
23	Mullidae	<i>Pseudopeneus prayensis</i>	99	4.92
24	Trachinidae	<i>Trachinus pellegrini</i>	1	0.06
25	Ephippidae	<i>Chaetodipterus lippei</i>	11	1.29
26	Sphyracnidae	<i>Sphyracna guachancho</i>	77	2.42
27	Trichiuridae	<i>Trichiurus lepturus</i>	47	2.00
28	Scombridae	<i>Scomber japonicus</i>	2	0.04
29	Psettididae	<i>Psetodes belcheri</i>	1	0.29
30	Bothidae	<i>Syacium micrurum</i>	12	0.80
31	Cynoglossidae	<i>Cynoglossa monodi</i>	19	3.38
32	Monacanthidae	<i>Stephanolepis hispidus</i>	6	0.69
33	Tetraodontidae	<i>Lagocephalus laevigatus</i>	1	0.25
34		<i>Sphoeroides marmoratus</i>	2	0.03
35		<i>Ephippion guttiferum</i>	2	0.79
Mollusca				
36	Sepiidae	<i>Sepia officinalis</i>	11	4.83
Crustacea				
37	Palinuridae	<i>Panulirus argus</i>	1	0.35
38	Calappidae	<i>Calappa pelii</i>	1	0.33
39		<i>Calappa gallus</i>	1	0.11
40	Portunidae	<i>Cronius ruber</i>	4	0.23
Total			12394	1092.13

St.21	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Synodontidae	<i>Synodus saurus</i>	4	0.20
2	Scorpaenidae	<i>Scorpaena stephanica</i>	1	0.09
3	Platycephalidae	<i>Grammoplates gruvelli</i>	1	0.04
4	Serranidae	<i>Epinephelus senesus</i>	1	0.61
5	Priacanthidae	<i>Priacanthus arenatus</i>	28	1.45
6	Carangidae	<i>Decapterus rhonchus</i>	68	0.18
7		<i>Chloroscomburus chrysurus</i>	2	0.87
8	Pomadasyidae	<i>Pomadasy incisus</i>	1	0.00
9		<i>Brachydeuterus auritus</i>	1	0.01
10	Sparidae	<i>Dentex canariensis</i>	35	0.08
11		<i>Boops boops</i>	1	0.02
12		<i>Sparus caeruleostictus</i>	15	0.34
13		<i>Pagellus bellottii</i>	1467	6.26
14	Lethrinidae	<i>Lethrinus atlanticus</i>	2	0.02
15	Sciaenidae	<i>Pteroscion peli</i>	1	0.00
16	Mullidae	<i>Pseudopeneus prayensis</i>	13	0.65
17	Labridae	<i>Xyrichthys novacula</i>	4	0.28
18		<i>Coris julis</i>	1	0.02
19	Scaridae	<i>Scarus hoefleri</i>	1	0.13
20	Acanthuridae	<i>Acanthurus monroviae</i>	6	0.79
21	Bothidae	<i>Bothus podas</i>	3	0.06
22		<i>Syacium micrurum</i>	13	0.68
23	Balistidae	<i>Balistes punctatus</i>	2	1.34
24	Monacanthidae	<i>Stephanolepis hispidus</i>	4	0.38
Mollusca				
25	Volutidae	<i>Cymbium cymbium</i>	1	0.13
26	Sepiidae	<i>Sepia officinalis</i>	10	4.88
Crustacea				
27	Calappidae	<i>Calappa pelii</i>	3	0.70
28	Portunidae	<i>Cronius ruber</i>	1	0.13
Total			1690	20.31

St.22	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Synodontidae	<i>Synodus saurus</i>	2	0.13
2	Antennariidae	<i>Antennarius senegalensis</i>	1	0.02
3	Fistulariidae	<i>Fistularia petimba</i>	4	0.08
4	Platycephalidae	<i>Grammoplates gruvelli</i>	3	0.08
5	Priacanthidae	<i>Priacanthus arenatus</i>	13	0.68
6	Sparidae	<i>Sparus caeruleostictus</i>	16	0.40
7	Labridae	<i>Xyrichthys novacula</i>	4	0.19
8	Acanthuridae	<i>Acanthurus monroviae</i>	3	0.53
9	Bothidae	<i>Bothus podas</i>	76	1.69
10		<i>Syacium micrurum</i>	80	2.83
11	Monacanthidae	<i>Alutera schoepfii</i>	1	0.76
12		<i>Stephanolepis hispidus</i>	1	0.18
Mollusca				
13	Sepiidae	<i>Sepia officinalis</i>	32	11.24
Crustacea				
14	Calappidae	<i>Calappa pelii</i>	16	2.54
Total			252	21.34

Table 1-7-1 (36) Catch record

The 4th survey (29 Oct. - 18 Nov. 2001)

St.23	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Torpedinidae	<i>Torpedo torpedo</i>	2	0.18
2	Fistulariidae	<i>Fistularia petimba</i>	11	0.25
3	Dactylopteridae	<i>Cephalacanthus volitans</i>	6	1.40
4	Triglidae	<i>Chelidonichthys lastoviza</i>	1	0.15
5	Platycephalidae	<i>Grammoplites gruvelli</i>	1	0.06
6	Priacanthidae	<i>Priacanthus arenatus</i>	1	0.14
7	Sparidae	<i>Sparus caeruleostictus</i>	35	4.05
8	Mullidae	<i>Pseudopeneus prayensis</i>	10	1.48
9	Uranoscopidae	<i>Uranoscopus albesca</i>	1	0.58
10	Acanthuridae	<i>Acanthurus monroviae</i>	2	1.31
11	Bothidae	<i>Bothus podas</i>	41	1.20
12		<i>Syacium micrurum</i>	108	9.55
13	Soleidae	<i>Solea senegalensis</i>	1	0.23
14	Monacanthidae	<i>Stephanolepis hispidus</i>	3	0.51
15	Tetraodontidae	<i>Lagocephalus laevigatus</i>	2	0.78
16		<i>Sphoeroides marmoratus</i>	2	0.10
17	Diodontidae	<i>Chilomycterus antonnetus</i>	2	0.88
Mollusca				
18	Sepiidae	<i>Sepia officinalis</i>	20	8.67
Crustacea				
19	Calappidae	<i>Calappa pelii</i>	1	0.15
Total			250	31.65

St.24	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Rajidae	<i>Raja miraletus</i>	6	3.57
2	Zeidae	<i>Zeus feber</i>	1	0.36
3	Fistulariidae	<i>Fistularia petimba</i>	39	2.96
4	Dactylopteridae	<i>Cephalacanthus volitans</i>	11	2.47
5	Triglidae	<i>Lepidotrigla cadmani</i>	13	1.26
6		<i>Chelidonichthys lastoviza</i>	14	1.59
7	Serranidae	<i>Epinephelus taeniops</i>	1	0.08
8	Priacanthidae	<i>Priacanthus arenatus</i>	30	4.55
9	Lutjanidae	<i>Lutjanus fulgens</i>	10	4.14
10		<i>Apsilus fuscus</i>	29	6.02
11	Pomadasyidae	<i>Plectorhynchus mediterraneus</i>	2	1.17
12	Sparidae	<i>Dentex gibbosus</i>	9	1.96
13		<i>Dentex canariensis</i>	10	3.89
14		<i>Sparus caeruleostictus</i>	73	9.66
15		<i>Fagellus bellottii</i>	2	0.11
16	Mullidae	<i>Pseudopeneus prayensis</i>	196	18.36
17	Chaetodontidae	<i>Bauchotia marcellae</i>	30	1.06
18		<i>Chaetodon hoefleri</i>	3	0.34
19	Pomacanthidae	<i>Holacanthus africanus</i>	1	0.13
20		<i>Chromis chromis</i>	408	24.14
21	Labridae	<i>Coris julis</i>	1	0.13
22		<i>Bodianus speciosus</i>	5	2.81
23	Acanthuridae	<i>Acanthurus monroviae</i>	2	1.21
24	Citharidae	<i>Citharus macrolepidotus</i>	1	0.04
25	Bothidae	<i>Syacium micrurum</i>	39	3.37
26	Monacanthidae	<i>Stephanolepis hispidus</i>	5	0.55
27	Tetraodontidae	<i>Lagocephalus laevigatus</i>	1	0.92
Mollusca				
28	Sepiidae	<i>Sepia officinalis</i>	24	6.06
29	Octopodidae	<i>Octopus vulgaris</i>	1	2.03
Total			967	104.85

St.25	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Trakidae	<i>Mustelus mustelus</i>	1	1.01
2	Rajidae	<i>Raja miraletus</i>	23	9.85
3	Zeidae	<i>Zeus feber</i>	3	1.54
4	Fistulariidae	<i>Fistularia petimba</i>	18	4.35
5	Dactylopteridae	<i>Cephalacanthus volitans</i>	21	5.98
6	Scorpaenidae	<i>Scorpaena scrofa</i>	1	1.03
7		<i>Scorpaena stephanica</i>	1	0.10
8	Triglidae	<i>Lepidotrigla cadmani</i>	396	10.45
9		<i>Chelidonichthys lastoviza</i>	1	0.09
10	Platycephalidae	<i>Grammoplites gruvelli</i>	1	0.03
11	Priacanthidae	<i>Priacanthus arenatus</i>	18	1.69
12	Carangidae	<i>Decapterus rhonchus</i>	1	0.15
13	Lutjanidae	<i>Apsilus fuscus</i>	1	0.20
14	Pomadasyidae	<i>Brachydeuterus auritus</i>	1	0.05
15	Sparidae	<i>Dentex gibbosus</i>	93	24.77
16		<i>Dentex canariensis</i>	42	21.34
17		<i>Sparus caeruleostictus</i>	65	20.29
18		<i>Fagellus bellottii</i>	752	48.89
19	Mullidae	<i>Pseudopeneus prayensis</i>	41	4.17
20	Chaetodontidae	<i>Bauchotia marcellae</i>	4	0.11
21	Pomacentridae	<i>Chromis chromis</i>	1632	127.85
22	Labridae	<i>Bodianus speciosus</i>	1	0.73
23	Citharidae	<i>Citharus macrolepidotus</i>	2	0.08
24	Bothidae	<i>Syacium micrurum</i>	10	0.88
25	Tetraodontidae	<i>Sphoeroides cutaneus</i>	3	1.57
Mollusca				
26	Sepiidae	<i>Sepia officinalis</i>	105	22.62
Total			3237	309.80

St.26	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Engraulidae	<i>Engraulis encrasicolus</i>	1	0.01
2	Clupeidae	<i>Sardinella maderensis</i>	3	0.03
3		<i>Ilisha africana</i>	1	0.03
4	Synodontidae	<i>Synodus saurus</i>	4	0.19
5	Fistulariidae	<i>Fistularia petimba</i>	1	0.01
6	Dactylopteridae	<i>Cephalacanthus volitans</i>	1	0.01
7	Serranidae	<i>Epinephelus aeneus</i>	1	0.13
8	Priacanthidae	<i>Priacanthus arenatus</i>	5	0.26
9	Carangidae	<i>Selene dorsalis</i>	6	0.10
10		<i>Decapterus rhonchus</i>	111	1.21
11		<i>Chloroscomburus chrysurus</i>	13	0.19
12		<i>Trachurus trachurus</i>	5	0.05
13	Pomadasyidae	<i>Brachydeuterus auritus</i>	57	1.14
14	Sparidae	<i>Dentex canariensis</i>	61	1.22
15		<i>Sparus caeruleostictus</i>	139	2.65
16		<i>Fagellus bellottii</i>	1909	15.57
17	Polynemidae	<i>Galeoides decadactylus</i>	1	0.01
18	Mullidae	<i>Pseudopeneus prayensis</i>	169	5.88
19	Trachinidae	<i>Trachinus armatus</i>	2	0.08
20	Sphyrnaeidae	<i>Sphyrna guachancho</i>	6	0.38
21	Scombridae	<i>Scomber japonicus</i>	3	0.04
22	Bothidae	<i>Syacium micrurum</i>	27	1.54
23	Cynoglossidae	<i>Cynoglossa monodi</i>	1	0.09
24	Balistidae	<i>Balistes capricus</i>	1	0.67
25	Tetraodontidae	<i>Sphoeroides marmoratus</i>	1	0.01
Mollusca				
26	Sepiidae	<i>Sepia officinalis</i>	30	10.07
Crustacea				
27	Calappidae	<i>Calappa pelii</i>	2	0.44
Total			2561	42.00

Table 1-7-1 (37) Catch record

The 4th survey (29 Oct. - 16 Nov. 2001)

St.27	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Rhinobatidae	<i>Rhinobatos irvinei</i>	1	0.60
2	Clupeidae	<i>Sardinella aurita</i>	5	0.08
3	Synodontidae	<i>Synodus saurus</i>	26	1.49
4	Dactylopteridae	<i>Cephalacanthus volitans</i>	2	0.23
5	Platycephalidae	<i>Grammoplites gruveli</i>	1	0.05
6	Priacanthidae	<i>Priacanthus arenatus</i>	38	1.76
7	Carangidae	<i>Decapterus rhonchus</i>	1	0.01
8		<i>Trachurus trachurus</i>	24	0.47
9	Pomadasyidae	<i>Brachydeuterus auritus</i>	12	0.27
10	Sparidae	<i>Dentex canariensis</i>	11	0.39
11		<i>Sparus caeruleostictus</i>	17	0.50
12		<i>Pagellus bellottii</i>	230	4.54
13	Mullidae	<i>Pseudopeneus prayensis</i>	68	2.43
14	Labridae	<i>Xyrichthys novacula</i>	7	0.38
15	Trachinidae	<i>Trachinus armatus</i>	1	0.04
16	Scombridae	<i>Scomber japonicus</i>	10	0.22
17	Bothidae	<i>Bothus podas</i>	13	0.30
18		<i>Syacium micurum</i>	24	0.95
19	Tetraodontidae	<i>Sphaeroides marmoratus</i>	1	0.02
Mollusca				
20	Sepiidae	<i>Sepia officinalis</i>	5	3.79
Crustacea				
21	Calappidae	<i>Calappa pelii</i>	3	0.66
Total			500	19.19

St.28	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Synodontidae	<i>Synodus saurus</i>	15	0.76
2		<i>Saurida brasiliensis</i>	1	0.01
3	Fistulariidae	<i>Fistularia petimba</i>	4	0.10
4	Dactylopteridae	<i>Cephalacanthus volitans</i>	2	0.04
5	Triglidae	<i>Lepidotrigla cadmani</i>	1	0.02
6	Platycephalidae	<i>Grammoplites gruveli</i>	8	0.19
7	Priacanthidae	<i>Priacanthus arenatus</i>	46	1.77
8	Carangidae	<i>Decapterus punctatus</i>	5	0.31
9		<i>Chloroscomburus chrysurus</i>	1	0.01
10	Pomadasyidae	<i>Brachydeuterus auritus</i>	2	0.08
11	Sparidae	<i>Dentex canariensis</i>	13	0.51
12		<i>Sparus caeruleostictus</i>	193	5.29
13		<i>Pagellus bellottii</i>	550	14.68
14	Mullidae	<i>Pseudopeneus prayensis</i>	38	1.88
15	Labridae	<i>Xyrichthys novacula</i>	6	0.34
16	Trachinidae	<i>Trachinus armatus</i>	11	0.29
17	Sphyracnidae	<i>Sphyracna guachancho</i>	1	2.10
18	Scombridae	<i>Scomber japonicus</i>	1	0.03
19	Bothidae	<i>Bothus podas</i>	114	2.25
20		<i>Syacium micurum</i>	16	0.41
21	Monacanthidae	<i>Stephanolepis hispidus</i>	4	0.53
Mollusca				
22	Volutidae	<i>Cymbium cymbium</i>	1	2.26
23	Sepiidae	<i>Sepia officinalis</i>	51	12.97
Crustacea				
24	Calappidae	<i>Calappa pelii</i>	14	3.46
Total			1098	50.29

St.29	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Torpedinidae	<i>Torpedo torpedo</i>	1	0.10
2	Synodontidae	<i>Synodus saurus</i>	5	0.79
3	Fistulariidae	<i>Fistularia petimba</i>	15	0.61
4	Dactylopteridae	<i>Cephalacanthus volitans</i>	5	0.67
5	Triglidae	<i>Lepidotrigla cadmani</i>	2	0.03
6	Platycephalidae	<i>Grammoplites gruveli</i>	7	0.16
7	Priacanthidae	<i>Priacanthus arenatus</i>	6	0.24
8	Sparidae	<i>Sparus caeruleostictus</i>	2	0.09
9		<i>Pagellus bellottii</i>	64	1.30
10	Mullidae	<i>Pseudopeneus prayensis</i>	5	0.25
11	Labridae	<i>Xyrichthys novacula</i>	1	0.05
12	Citharidae	<i>Citharus macrolepidotus</i>	1	0.03
13	Bothidae	<i>Bothus podas</i>	114	2.90
14		<i>Syacium micurum</i>	137	6.82
15	Balistidae	<i>Balistes capricus</i>	1	0.38
16	Monacanthidae	<i>Stephanolepis hispidus</i>	1	0.22
17	Diodontidae	<i>Chilomycterus antennatus</i>	2	0.25
Mollusca				
18	Sepiidae	<i>Sepia officinalis</i>	73	20.73
Total			442	35.61

St.30	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Rajidae	<i>Raja miraletus</i>	2	1.41
2	Synodontidae	<i>Synodus saurus</i>	1	0.22
3	Fistulariidae	<i>Fistularia petimba</i>	37	2.52
4	Dactylopteridae	<i>Cephalacanthus volitans</i>	14	4.02
5	Triglidae	<i>Lepidotrigla cadmani</i>	1	0.10
6	Platycephalidae	<i>Grammoplites gruveli</i>	5	0.15
7	Priacanthidae	<i>Priacanthus arenatus</i>	19	0.86
8	Rachycentridae	<i>Rachycentrum canadum</i>	3	3.46
9	Carangidae	<i>Seriola dumerili</i>	4	1.54
10	Sparidae	<i>Sparus caeruleostictus</i>	1	0.06
11		<i>Pagellus bellottii</i>	31	2.52
12	Lethrinidae	<i>Lethrinus atlanticus</i>	2	0.30
13	Mullidae	<i>Pseudopeneus prayensis</i>	7	1.07
14	Trachinidae	<i>Trachinus radiatus</i>	1	0.54
15	Bothidae	<i>Bothus podas</i>	2	0.04
16		<i>Syacium micurum</i>	23	1.63
17	Balistidae	<i>Balistes capricus</i>	33	12.19
18	Monacanthidae	<i>Alutera schoepfii</i>	5	4.54
19		<i>Stephanolepis hispidus</i>	38	3.65
20	Diodontidae	<i>Chilomycterus antennatus</i>	2	0.46
Mollusca				
21	Sepiidae	<i>Sepia officinalis</i>	43	10.97
Total			274	52.26

Table 1-7-1 (38) Catch record

The 4th survey (29 Oct. - 18 Nov. 2001)

St.31	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Trakidae	<i>Mustelus mustelus</i>	4	2.60
2	Torpedinidae	<i>Torpedo torpedo</i>	1	0.34
3	Rajidae	<i>Raja miraletus</i>	23	10.56
4	Zeidae	<i>Zeus feber</i>	7	1.08
5	Fistulariidae	<i>Fistularia petimba</i>	22	4.95
6	Dactylopteridae	<i>Cephalacanthus volitans</i>	56	16.73
7	Triglidae	<i>Lepidotrigla cadmani</i>	127	2.98
8	Platycephalidae	<i>Grammoplites gruvelli</i>	1	0.02
9	Serranidae	<i>Anthias anthias</i>	1	0.04
10	Priacanthidae	<i>Priacanthus arenatus</i>	22	1.00
11	Carangidae	<i>Trachurus trachurus</i>	3	0.03
12	Lutjanidae	<i>Lutjanus fulgens</i>	2	0.77
13		<i>Apsilus fuscus</i>	2	0.05
14	Pomadasyidae	<i>Brachydeuterus auritus</i>	42	2.67
15	Sparidae	<i>Dentex gibbosus</i>	20	4.79
16		<i>Dentex canariensis</i>	4	2.19
17		<i>Sparus caeruleostictus</i>	22	4.78
18		<i>Pagellus bellottii</i>	305	11.23
19	Mullidae	<i>Pseudopeneus prayensis</i>	64	6.54
20	Pomacentridae	<i>Chromis chromis</i>	17	0.85
21	Trachinidae	<i>Trachinus armatus</i>	1	0.04
22	Citharidae	<i>Citharus macrolepidotus</i>	3	0.19
23	Bothidae	<i>Syacium micrurum</i>	24	2.45
24	Cynoglossidae	<i>Cynoglossa monodi</i>	1	0.19
25	Diodontidae	<i>Chilomycterus antennatus</i>	2	0.52
Mollusca				
26	Sepiidae	<i>Sepia officinalis</i>	110	24.98
Total			886	102.57

St.32	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Elopidae	<i>Elops lacerta</i>	6	2.43
2	Clupeidae	<i>Sardinella maderensis</i>	1	0.01
3		<i>Sardinella aurita</i>	1	0.01
4		<i>Ethmalosa fimbriata</i>	3	0.48
5	Dactylopteridae	<i>Cephalacanthus volitans</i>	1	0.35
6	Serranidae	<i>Epinephelus aeneus</i>	2	0.15
7	Carangidae	<i>Selene dorsalis</i>	262	3.87
8		<i>Decapterus rhonchus</i>	1	0.11
9		<i>Caranx crysos</i>	1	0.08
10		<i>Chloroscomburus chrysurus</i>	398	5.73
11		<i>Trachinotus maxilloso</i>	1	1.05
12		<i>Trachurus trachurus</i>	1	0.01
13	Gerreidae	<i>Eucinostomus melanopterus</i>	2	0.05
14	Pomadasyidae	<i>Pomadasy incisus</i>	3	0.06
15		<i>Brachydeuterus auritus</i>	2442	87.66
16	Sparidae	<i>Dentex canariensis</i>	13	0.37
17		<i>Boops boops</i>	4	0.11
18		<i>Sparus caeruleostictus</i>	52	2.28
19		<i>Pagellus bellottii</i>	182	1.16
20	Polynemidae	<i>Galeoides decadactylus</i>	29	0.84
21	Sciaenidae	<i>Pteroscion peli</i>	1	0.01
22		<i>Pseudotolithus senegalensis</i>	1	0.29
23	Mullidae	<i>Pseudopeneus prayensis</i>	2	0.21
24	Chaetodontidae	<i>Chaetodon hoefleri</i>	5	0.58
25	Sphyraenidae	<i>Sphyraena guachancho</i>	51	4.79
26	Trichiuridae	<i>Trichiurus lepturus</i>	12	0.26
27	Stromateidae	<i>Stromateus fiatola</i>	1	0.10
28	Psettodidae	<i>Psettodes belcheri</i>	1	0.29
29	Bothidae	<i>Syacium micrurum</i>	1	0.04
30	Cynoglossidae	<i>Cynoglossa monodi</i>	3	0.38
31	Monacanthidae	<i>Stephanolepis hispidus</i>	1	0.12
32	Tetraodontidae	<i>Lagocephalus laevigatus</i>	5	0.14
33		<i>Ephippion guttiferum</i>	6	0.07
Mollusca				
34	Sepiidae	<i>Sepia officinalis</i>	126	10.37
Crustacea				
35	Penaeidae	<i>Penaeus notialis</i>	4	0.21
36	Palinuridae	<i>Panulirus argus</i>	1	0.28
37	Calappidae	<i>Calappa pelii</i>	3	0.55
38	Majidae	<i>Maja squinado</i>	1	0.04
39	Portunidae	<i>Portunus validus</i>	1	0.16
Total			3621	125.69

Table 1-7-1 (39) Catch record

The 4th survey (29 Oct - 16 Nov. 2001)

St.33	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Rajidae	<i>Raja miraletus</i>	1	0.61
2	Clupeidae	<i>Sardinella maderensis</i>	2	0.33
3	Synodontidae	<i>Synodus saurus</i>	7	0.61
4		<i>Saurida brasiliensis</i>	13	0.21
5	Fistulariidae	<i>Fistularia petimba</i>	2	0.02
6	Dactylopteridae	<i>Cephalacanthus volitans</i>	2	0.34
7	Platycephalidae	<i>Grammolites gruveli</i>	2	0.06
8	Priacanthidae	<i>Priacanthus arenatus</i>	30	1.46
9	Carangidae	<i>Chloroscomburus chrysurus</i>	65	3.12
10	Pomadasyidae	<i>Brachydeuterus auritus</i>	26	0.75
11	Sparidae	<i>Dentex canariensis</i>	23	1.29
12		<i>Sparus caeruleostictus</i>	81	2.68
13		<i>Pagellus bellottii</i>	684	12.26
14	Lethrinidae	<i>Lethrinus atlanticus</i>	8	1.64
15	Mullidae	<i>Pseudopeneus prayensis</i>	83	4.95
16	Chaetodontidae	<i>Chaetodon hoefleri</i>	4	0.05
17	Labridae	<i>Xyrichtys novacula</i>	1	0.08
18	Scaridae	<i>Scarus hoefleri</i>	3	0.08
19	Trachinidae	<i>Trachinus armatus</i>	1	0.11
20	Bothidae	<i>Bothus podas</i>	145	2.64
21		<i>Syacium micrurum</i>	49	3.16
22	Monacanthidae	<i>Stephanolepis hispidus</i>	5	0.22
23	Diodontidae	<i>Chilomycterus antennatus</i>	1	0.53
24	Cepolidae	<i>Cepola pauciradiata</i>	1	0.01
Mollusca				
25	Sepiidae	<i>Sepia officinalis</i>	82	21.23
Crustacea				
26	Penaeidae	<i>Penaeus notialis</i>	1	0.02
27	Palinuridae	<i>Panulirus argus</i>	1	0.21
28	Calappidae	<i>Calappa pelii</i>	2	0.20
Total			1325	58.89

St.34	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Rajidae	<i>Raja miraletus</i>	10	4.75
2	Fistulariidae	<i>Fistularia petimba</i>	72	3.65
3	Dactylopteridae	<i>Cephalacanthus volitans</i>	51	15.36
4	Triglidae	<i>Lepidotrigla cadmani</i>	12	0.79
5	Platycephalidae	<i>Grammolites gruveli</i>	4	0.13
6	Priacanthidae	<i>Priacanthus arenatus</i>	161	6.13
7	Carangidae	<i>Chloroscomburus chrysurus</i>	1	0.04
8	Sparidae	<i>Sparus caeruleostictus</i>	17	1.18
9		<i>Pagellus bellottii</i>	375	23.39
10	Mullidae	<i>Pseudopeneus prayensis</i>	17	2.03
11	Citharidae	<i>Citharus macrolepidotus</i>	9	0.44
12	Bothidae	<i>Bothus podas</i>	1	0.01
13		<i>Syacium micrurum</i>	32	2.77
14	Balistidae	<i>Balistes capricus</i>	13	8.06
15	Monacanthidae	<i>Stephanolepis hispidus</i>	13	2.03
16	Diodontidae	<i>Chilomycterus antennatus</i>	9	2.16
Mollusca				
17	Sepiidae	<i>Sepia officinalis</i>	58	13.91
18	Octopodidae	<i>Octopus vulgaris</i>	1	1.84
Total			856	88.66

St.35	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Dasyatidae	<i>Himantura margarita</i>	16	3.34
2	Elopidae	<i>Elops incerta</i>	24	7.25
3	Ophichthidae	<i>Echelus myrus</i>	1	0.35
4	Clupeidae	<i>Sardinella aurita</i>	3	0.06
5		<i>Ilisha africana</i>	3	0.02
6	Platycephalidae	<i>Grammolites gruveli</i>	39	1.21
7	Carangidae	<i>Selene dorsalis</i>	1275	18.25
8		<i>Chloroscomburus chrysurus</i>	564	9.80
9		<i>Alectis alexandrinus</i>	7	0.84
10	Gerreidae	<i>Eucinostomus melanopterus</i>	2	0.10
11	Pomadasyidae	<i>Pomadasy jubelini</i>	1	0.46
12		<i>Pomadasy incisus</i>	12	0.22
13		<i>Brachydeuterus auritus</i>	8736	278.24
14	Sparidae	<i>Sparus caeruleostictus</i>	9	0.59
15	Polynemidae	<i>Galeoides decadactylus</i>	32	4.26
16	Sciaenidae	<i>Pteroscion peli</i>	9	0.07
17		<i>Pseudotolithus senegalensis</i>	5	0.97
18	Ephippidae	<i>Chaetodipterus lippei</i>	4	0.63
19	Sphyraenidae	<i>Sphyraena guachancho</i>	203	15.40
20	Trichiuridae	<i>Trichiurus lepturus</i>	5	0.70
21	Bothidae	<i>Syacium micrurum</i>	9	0.43
22	Cynoglossidae	<i>Cynoglossa monodi</i>	2	0.26
23	Tetraodontidae	<i>Lagocephalus laevigatus</i>	1	0.03
Mollusca				
24	Sepiidae	<i>Sepia officinalis</i>	18	2.65
Crustacea				
25	Penaeidae	<i>Penaeus notialis</i>	15	0.62
26	Calappidae	<i>Calappa pelii</i>	1	0.18
Total			10996	346.92

St.36	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Torpedinidae	<i>Torpedo torpedo</i>	4	0.49
2	Rajidae	<i>Raja miraletus</i>	2	1.25
3	Dasyatidae	<i>Himantura margarita</i>	1	0.19
4	Elopidae	<i>Elops incerta</i>	2	0.59
5	Dactylopteridae	<i>Cephalacanthus volitans</i>	13	4.59
6	Platycephalidae	<i>Grammolites gruveli</i>	5	0.15
7	Serranidae	<i>Serranus accraensis</i>	1	0.03
8	Priacanthidae	<i>Priacanthus arenatus</i>	6	0.26
9	Carangidae	<i>Selene dorsalis</i>	300	7.99
10		<i>Chloroscomburus chrysurus</i>	636	10.49
11		<i>Trachurus trachurus</i>	27	0.15
12	Pomadasyidae	<i>Brachydeuterus auritus</i>	8564	98.06
13	Sparidae	<i>Sparus caeruleostictus</i>	5	0.14
14		<i>Pagellus bellottii</i>	1013	17.86
15	Trichiuridae	<i>Trichiurus lepturus</i>	1	0.01
16	Scombridae	<i>Scomberomorus tritor</i>	2	0.88
17	Bothidae	<i>Syacium micrurum</i>	1	0.04
18	Tetraodontidae	<i>Lagocephalus laevigatus</i>	1	0.03
19	Diodontidae	<i>Chilomycterus antennatus</i>	1	0.09
Mollusca				
20	Sepiidae	<i>Sepia officinalis</i>	13	11.26
21	Loliginidae	<i>Alloteuthis africana</i>	15	0.06
Crustacea				
22	Calappidae	<i>Calappa rubrogutata</i>	1	0.14
Total			10614	154.74

Table 1-7-1 (40) Catch record

The 4th survey (28 Oct. - 16 Nov. 2001)

St.37	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Torpedinidae	<i>Torpedo torpedo</i>	2	0.90
2	Rajidae	<i>Raja miraletus</i>	9	3.94
3	Engraulidae	<i>Engraulis encrasicolus</i>	8	0.04
4	Clupeidae	<i>Sardinella aurita</i>	3	0.02
5	Synodontidae	<i>Saurida brasiliensis</i>	3	0.02
6	Fistulariidae	<i>Fistularia petimba</i>	39	4.47
7	Dactylopteridae	<i>Cephalacanthus volitans</i>	8	2.69
8	Triglidae	<i>Lepidotrigla cadmani</i>	60	2.21
9	Platycephalidae	<i>Grammophiltes gruveli</i>	19	0.70
10	Serranidae	<i>Epinephelus senesus</i>	1	7.67
11		<i>Serranus accraensis</i>	2	0.11
12	Priacanthidae	<i>Priacanthus arenatus</i>	37	1.36
13	Carangidae	<i>Alectis alexandrinus</i>	1	1.01
14		<i>Trachurus trachurus</i>	428	1.61
15	Pomadasyidae	<i>Pomadasy jubelini</i>	1	0.42
16		<i>Brachydeuterus auritus</i>	845	9.19
17	Sparidae	<i>Dentex gibbosus</i>	1	0.05
18		<i>Dentex angolensis</i>	55	2.13
19		<i>Dentex canariensis</i>	1	0.01
20		<i>Sparus caeruleostictus</i>	36	1.59
21		<i>Pagellus bellottii</i>	604	6.08
22	Sciaenidae	<i>Pteroscion peli</i>	1	0.01
23	Mullidae	<i>Pseudopeneus prayensis</i>	3	0.10
24	Scombridae	<i>Scomber japonicus</i>	2	0.04
25	Citharidae	<i>Citharus macrolepidotus</i>	3	0.24
26	Soleidae	<i>Solea senegalensis</i>	1	0.21
27	Cynoglossidae	<i>Cynoglossa monodi</i>	6	0.71
28	Tetraodontidae	<i>Sphoeroides marmoratus</i>	1	0.00
Mollusca				
29	Sepiidae	<i>Sepia officinalis</i>	16	7.94
30	Octopodidae	<i>Octopus vulgaris</i>	2	1.81
Total			2198	57.25

St.38	Family Name	Scientific Name	Quantity	Weight(kg)
Pisces				
1	Platyrrhinidae	<i>Zanobatus schoenlenii</i>	1	0.75
2	Dasyatidae	<i>Himantura margarita</i>	27	9.60
3	Elopidae	<i>Elops lacerta</i>	22	10.41
4	Clupeidae	<i>Ilisha africana</i>	1	0.06
5	Synodontidae	<i>Synodus saurus</i>	1	0.10
6	Dactylopteridae	<i>Cephalacanthus volitans</i>	1	0.11
7	Platycephalidae	<i>Grammophiltes gruveli</i>	1	0.01
8	Carangidae	<i>Selene dorsalis</i>	249	4.50
9		<i>Decapterus rhonchus</i>	1	0.02
10		<i>Caranx senegallus</i>	33	7.64
11		<i>Chloroscomburus chrysurus</i>	10	0.27
12		<i>Alectis alexandrinus</i>	1	0.18
13	Gerreidae	<i>Eucinostomus melanopterus</i>	3	0.26
14	Pomadasyidae	<i>Pomadasy jubelini</i>	10	2.32
15		<i>Pomadasy incisus</i>	2	0.04
16		<i>Brachydeuterus auritus</i>	633	29.86
17	Sparidae	<i>Dentex canariensis</i>	17	3.38
18		<i>Sparus caeruleostictus</i>	9	1.91
19		<i>Pagellus bellottii</i>	1	0.19
20	Lethrinidae	<i>Lethrinus atlanticus</i>	1	0.25
21	Polynemidae	<i>Galeoides decadactylus</i>	20	5.06
22	Sciaenidae	<i>Pteroscion peli</i>	4	0.19
23		<i>Pseudotolithus senegalensis</i>	17	9.52
24	Mullidae	<i>Pseudopeneus prayensis</i>	7	0.98
25	Drepanidae	<i>Drepane africana</i>	46	13.03
26	Ephippidae	<i>Chaetodipterus lippei</i>	4	1.07
27	Sphyraenidae	<i>Sphyraena guachancho</i>	37	2.05
28	Trichiuridae	<i>Trichiurus lepturus</i>	2	0.52
29	Psettididae	<i>Psettodes belcheri</i>	1	0.30
30	Bothidae	<i>Syacium micurum</i>	12	0.88
31	Cynoglossidae	<i>Cynoglossa monodi</i>	16	1.67
32	Monacanthidae	<i>Stephanolepis hispidus</i>	3	0.25
Mollusca				
33	Sepiidae	<i>Sepia officinalis</i>	1	0.81
Crustacea				
34	Scyllaridae	<i>Scyllarides herklotsii</i>	1	0.32
Total			1195	108.50