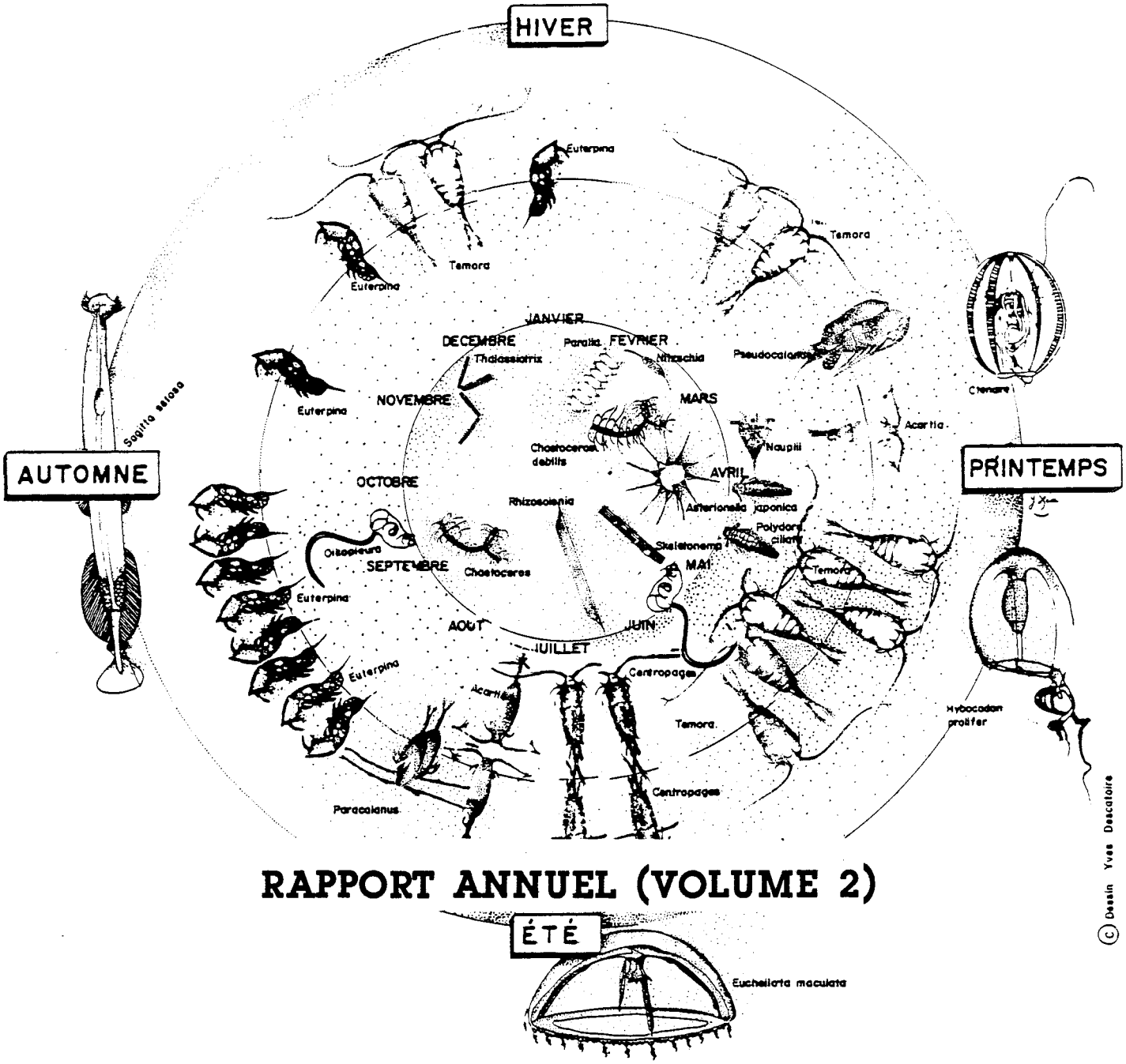
Surveillance écologique et halieutique

SITE DE GRAVELINES

Novembre 1984 Octobre 1985



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RAPPORT ANNUEL (VOLUME 2)

IFREMER-BREST-NANTES-OUISTREHAM

Station marine de Wimereux

Institut Pasteur de Lille

-Avril 1986-

S O M M A I R E - V O L U M E 2

ANNEXES CHAPITRE HALIEUTIQUE

ANNEXE 1

RESULTATS BRUTS

- Caractéristiques techniques des chalutages

- Tableaux des densités des espéces principales
  - . Par trait de chalut (zone subtidale)
  - . Pour chaque radiale (zone intertidale)

    91 = E-REJET
    92 = W-REJET
    93 = OYES
    94 = HEMMES
    95 = TOTAL

- Histogrammes de tailles des captures en poissons plats et en gadidés.

TRAICT	DATE	HEURE(TU) FILAGE	DUREE (mn)	chaine	FILAGE latitude	FILAGE longitude	VIRAGE latitude	VIRAGE longitude	SURFACE balayee
1	4. 7.85	3.17	15	non	5101.33N	205.34E	5101.40N	206.49E	3921
2	4. 7.85	3.40	15	non	5101.45N	206.47E	5101.67N	207.60E	3974
3	4. 7.85	4.00	15	non	5101.62N	207.49E	5102.02N	208.37E	3652
4	4. 7.85	4.25	15	non	5102.09N	208.22E	5101.90N	206.80E	4887
5	4. 7.85	4.50	15	non	5101.93N	206.43E	5101.58N	205.23E	4458
6	4. 7.85	5.23	15	non	5102.62N	206.69E	5102.08N	205.75E	4297
7	4. 7.85	6.00	15	non	5102.10N	205.70E	5101.94N	204.10E	5478
8	4. 7.85	6.22	15	non	5101.96N	203.90E	5101.56N	202.47E	5263
9	4. 7.85	6.44	15	non	5101.58N	202.30E	5101.61N	200.28E	6821
10	4. 7.85	7.05	15	non	5101.45N	200.81E	5101.53N	158.80E	6821
11	4. 7.85	7.55	15	non	5101.27N	204.69E	5101.02N	203.21E	5156
12	4. 7.85	8.17	15	non	5101.00N	202.91E	5100.78N	201.47E	4995
13	4. 7.85	8.38	15	non	5100.81N	201.38E	5100.57N	159.89E	5210
14	4. 7.85	9.00	15	non	5100.54N	159.73E	5100.42N	158.33E	4780
15	4. 7.85	9.20	15	non	5100.42N	158.13E	5100.52N	156.31E	6176
16	4. 7.85	10.05	15	non	5101.18N	202.31E	5101.21N	200.60E	5800
17	4. 7.85	10.26	15	non	5101.17N	200.48E	5100.75N	159.12E	5102
18	4. 7.85	11.00	15	non	5101.15N	202.30E	5101.52N	203.72E	5210

GRAV 07/85- caracteristiques des chalutages.

TRAICT	DATE	HEURE(TU) FILAGE	DUREE (mn)	chaine	FILAGE latitude	FILAGE longitude	VIRAGE latitude	VIRAGE longitude	SURFACE balayee
1	19.10.85	5.00	15	non	5101.29N	205.38E	5101.38N	206.37E	3384
2	19.10.85	5.20	15	non	5101.37N	206.60E	5101.64N	207.40E	3061
3	19.10.85	5.41	50	non	5101.67N	207.48E	5102.01N	208.35E	3437
4	19.10.85	6.06	15	non	5102.10N	208.24E	5101.86N	206.95E	4565
5	19.10.85	6.27	15	non	5101.92N	206.62E	5101.49N	205.78E	3652
6	19.10.85	7.00	15	non	5102.68N	206.56E	5102.33N	205.34E	4511
7	19.10.85	7.23	15	non	5102.12N	205.49E	5101.96N	204.09E	4780
8	19.10.85	7.43	15	non	5101.89N	203.80E	5101.57N	202.65E	4243
9	19.10.85	8.03	15	non	5101.56N	202.50E	5101.42N	201.37E	3867
10	19.10.85	8.23	15	non	5101.34N	201.40E	5101.45N	159.22E	7412
11	19.10.85	9.16	15	non	5101.28N	204.71E	5101.02N	203.27E	5049
12	19.10.85	9.38	15	non	5100.96N	203.12E	5100.84N	201.75E	4673
13	19.10.85	10.00	15	non	5100.86N	201.57E	5100.69N	200.09E	5102
14	19.10.85	10.26	15	non	5100.63N	159.82E	5100.46N	158.28E	5263
15	19.10.85	10.46	15	non	5100.46N	158.23E	5100.57N	156.53E	5800
16	19.10.85	11.45	15	non	5101.24N	201.96E	5100.95N	200.57E	4941
17	19.10.85	12.06	15	non	5100.94N	200.41E	5100.73N	158.34E	7089
18	19.10.85	12.45	15	non	5101.20N	202.18E	5101.62N	203.59E	5263

GRAV 10/85- caracteristiques des chalutages.

TRAIT	PLEC PLA GR0	PLEC PLA GR1	PLEC PLA GR2	PLEC PLA GR3+	SOLE VUL GR0	SOLE VUL GR1	SOLE VUL GR2	SOLE VUL GR3+	LIMD LIM GR0	LIMD LIM GR1	LIMD LIM GR2	LIMD LIM GR3+
1	12.5	0.77	-	-	-	0.26	-	-	1.79	0.26	-	-
2	13.6	-	-	-	0.50	0.75	-	-	2.77	-	-	-
3	0.55	1.10	-	-	-	0.27	-	-	0.55	1.64	-	-
4	-	-	-	-	-	-	-	-	0.41	0.41	-	-
5	0.22	0.67	-	-	-	-	-	-	-	-	-	-
6	0.70	0.23	-	-	-	-	-	-	-	1.16	-	-
7	-	-	-	-	-	-	0.18	-	-	-	-	-
8	-	0.19	0.38	-	-	-	-	-	-	0.19	-	-
9	-	0.15	0.15	-	-	-	-	-	-	0.15	0.15	-
10	-	-	-	-	-	-	-	-	-	-	-	-
11	3.49	0.19	-	-	-	0.19	-	-	3.10	4.27	0.19	-
12	3.40	0.80	-	-	-	-	0.20	-	0.20	1.80	0.20	-
13	-	0.38	-	-	-	0.19	0.38	0.19	-	0.38	0.19	-
14	0.21	0.63	-	-	-	-	0.21	-	-	-	-	-
15	5.02	1.46	-	-	-	0.32	-	-	-	0.16	-	-
16	0.34	0.17	-	-	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-	-	0.20	-	-
18	0.19	0.19	-	-	-	-	-	-	-	2.50	0.38	-
91	-	-	-	-	-	-	-	-	-	-	-	-
92	19.3	-	-	-	2.00	-	-	-	-	-	-	-
93	11.7	-	-	-	1.67	-	-	-	-	-	-	-
94	78.1	-	-	-	1.90	-	-	-	-	-	-	-
95	27.8	-	-	-	1.56	-	-	-	-	-	-	-

GRAV 07/85 (debut): densites en nombre d'individus pour mille metres carres.

TRAIT	SCOH RHO GR0	SCOH RHO GR1	SCOH RHO GR2+	PSET MAX GR0	PSET MAX GR1	PSET MAX GR2+	PLAT FLE GR0	PLAT FLE GR1+	AMMO TOB TOT	HYPE LAN TOT	GYMA SEM TOT	CALM LYR TOT
1	-	-	-	-	-	-	-	1.02	-	-	-	1.28
2	-	-	-	-	-	-	-	0.25	-	-	-	1.01
3	-	-	-	-	-	-	-	-	-	-	-	9.04
4	-	-	-	-	-	-	-	-	-	-	-	0.82
5	-	-	-	-	-	-	-	-	-	-	-	0.22
6	-	-	-	-	-	-	-	-	-	-	-	0.23
7	-	-	-	-	-	-	-	-	-	-	-	1.46
8	-	-	-	-	-	-	-	-	0.19	-	-	9.12
9	-	-	-	-	-	-	-	-	-	0.15	-	1.32
10	-	-	-	-	-	-	-	-	-	-	-	0.73
11	-	-	-	-	-	-	-	0.58	-	-	-	2.91
12	-	-	-	-	-	-	-	-	-	-	-	5.01
13	-	-	-	-	-	-	-	-	-	-	-	0.38
14	-	-	-	-	-	-	-	-	-	-	-	0.21
15	-	-	-	-	-	-	-	0.16	-	-	-	0.16
16	-	-	-	-	-	-	-	-	-	-	-	0.52
17	-	-	-	-	-	-	-	-	-	-	-	4.12
18	-	-	-	-	-	-	-	0.19	-	-	-	0.77
91	-	-	-	-	-	-	-	-	8.00	-	-	-
92	-	-	-	-	-	-	-	-	0.67	-	-	-
93	-	-	-	-	-	-	-	-	0.83	-	-	-
94	-	-	-	-	-	-	-	-	-	-	-	-
95	-	-	-	-	-	-	-	-	1.78	-	-	-

GRAV 07/85 (suite): densites en nombre d'individus pour mille metres carres.

TRAIT	MERN MER GR0	MERN MER GR1+	TRIS LUS GR0	TRIS LUS GR1+	DICE LAB GR0	DICE LAB GR1+	SPRA SPR GR0	SPRA SPR GR1+	CLUP HAR GR0	CLUP HAR GR1	CLUP HAR GR2+
1	12.2	-	2.81	-	-	-	-	-	-	0.26	-
2	5.28	-	11.3	-	-	-	-	-	-	0.25	-
3	4.11	-	4.65	-	-	-	-	-	-	1.64	-
4	2.86	-	2.66	-	-	-	-	-	-	0.41	-
5	4.26	-	0.90	-	-	-	-	-	-	0.45	-
6	2.56	-	-	-	-	-	-	-	-	-	-
7	1.10	-	1.28	-	-	-	-	-	-	-	-
8	5.13	-	0.76	-	-	-	-	-	-	-	-
9	3.08	-	0.88	-	-	-	-	-	-	-	-
10	-	-	0.15	-	-	-	-	-	-	-	-
11	6.59	-	15.1	-	-	-	-	-	-	-	-
12	3.00	-	7.61	-	-	-	-	0.20	-	-	-
13	1.15	-	1.92	-	-	-	-	-	-	-	-
14	15.1	-	0.84	-	-	-	-	-	-	-	-
15	1.30	-	-	-	-	-	-	-	-	0.16	-
16	1.72	-	1.21	-	-	-	-	-	-	-	-
17	0.98	-	1.96	-	-	-	-	-	-	-	-
18	7.68	-	1.73	-	-	-	-	-	-	-	-
91	-	-	-	-	-	-	-	-	-	-	-
92	-	-	-	-	-	-	2.00	-	-	-	-
93	-	-	-	-	-	-	0.83	-	-	11.7	-
94	-	-	-	-	-	-	0.95	-	-	2.86	-
95	-	-	-	-	-	-	1.11	-	-	3.78	-

GRAV 07/85 (suite): densites en nombre d'individus pour mille metres carres.

TRAIT	TRIG LUC GR0	TRIG LUC GR1+	CRAG CRA GR0	CRAG CRA GR1	CRAG CRA GR2	CRAG CRA GR3	CRAG CRA TOT
1	-	-	1.02	96.9	99.7	6.89	205
2	-	0.25	6.79	20.6	11.3	1.01	39.8
3	-	-	1.92	2.46	0.55	0.55	5.48
4	-	-	0.82	5.52	10.4	3.07	19.8
5	-	-	0.45	8.30	10.8	4.71	24.2
6	-	-	-	0.47	0.93	0.70	2.09
7	-	-	-	-	-	-	0.91
8	-	-	-	-	-	-	0.38
9	-	-	-	-	-	-	1.03
10	-	-	-	-	-	-	0.73
11	-	-	2.33	75.3	46.9	4.07	129
12	-	-	1.60	194	153	28.4	377
13	-	-	-	80.4	60.5	8.25	149
14	-	-	-	16.3	7.53	0.63	24.5
15	-	-	-	19.6	6.80	0.81	27.2
16	-	-	-	3.97	4.66	0.17	8.79
17	-	-	-	12.2	8.82	1.96	22.9
18	-	-	-	26.1	22.3	2.30	50.7
91	-	-	9.33	32.0	10.7	-	52.0
92	-	-	468	1472	58.9	1.11	2000
93	-	-	85.6	540	20.0	1.11	647
94	-	-	500	3181	45.6	-	3726
95	-	-	277	1362	34.8	0.58	1674

GRAV 07/85 (fin): densites en nombre d'individus pour mille metres carres.

TRAIT	PLEC PLA GR0	PLEC PLA GR1	PLEC PLA GR2	PLEC PLA GR3+	SOLE VUL GR0	SOLE VUL GR1	SOLE VUL GR2	SOLE VUL GR3+	LIMD LIM GR0	LIMD LIM GR1	LIMD LIM GR2	LIMD LIM GR3+
1	54.7	-	-	-	67.7	-	-	-	2.60	-	2.60	-
2	3.92	-	-	-	13.7	-	-	-	3.27	0.33	-	-
3	13.4	-	-	-	26.2	-	-	-	24.1	3.49	0.29	-
4	0.22	-	-	-	0.22	-	-	-	0.22	0.22	0.22	-
5	0.27	-	-	-	0.55	-	-	-	2.74	0.27	-	-
6	3.33	-	-	-	0.89	-	-	-	3.77	0.22	-	-
7	2.09	0.63	-	-	1.88	-	0.21	-	2.93	0.21	-	-
8	-	-	-	-	-	-	-	-	-	-	-	-
9	1.55	-	-	-	-	-	-	-	1.03	-	-	-
10	-	-	-	-	0.40	-	-	-	0.27	-	-	-
11	-	-	-	-	0.20	-	-	-	0.59	0.20	-	-
12	4.49	-	-	-	1.07	-	-	-	1.71	0.21	0.43	-
13	12.9	-	-	-	47.6	-	-	-	25.5	0.59	0.59	-
14	0.95	-	-	-	26.4	-	0.38	-	3.42	0.57	0.19	-
15	4.31	-	-	-	66.6	-	-	-	0.52	-	-	-
16	15.8	0.40	0.20	-	13.0	-	-	-	0.81	-	-	-
17	10.2	1.83	0.56	-	43.7	0.56	0.28	0.28	10.9	1.27	-	-
18	3.80	-	0.19	-	3.61	-	-	-	20.1	0.57	0.57	-
91	-	-	-	-	5.33	-	-	-	-	-	-	-
92	9.33	-	-	-	1.33	-	-	-	-	-	-	-
93	18.7	-	-	-	-	-	-	-	1.33	-	-	-
94	8.89	-	-	-	-	-	-	-	-	-	-	-
95	10.6	-	-	-	1.18	-	-	-	0.39	-	-	-

GRAV 10/85 (debut): densites en nombre d'individus pour mille metres carres.

TRAIT	SCOH RHO GR0	SCOH RHO GR1	SCOH RHO GR2+	PSET MAX GR0	PSET MAX GR1	PSET MAX GR2+	PLAT FLE GR0	PLAT FLE GR1+	AMMO TOB TOT	HYPE LAN TOT	GYMA SEM TOT	CALM LYR TOT
1	-	-	-	-	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-	-	-	-	0.33
3	-	-	-	-	-	-	-	-	-	-	-	25.6
4	-	-	-	-	-	-	-	0.22	-	-	-	0.88
5	-	-	-	-	-	-	-	-	-	-	-	1.92
6	-	-	-	-	-	-	-	-	-	-	-	1.55
7	-	-	-	-	-	-	-	-	-	-	-	0.84
8	-	-	-	-	-	-	-	-	-	-	-	13.2
9	-	-	-	-	-	-	-	-	-	-	-	8.02
10	-	-	-	-	-	-	-	-	-	-	-	5.13
11	-	-	-	-	-	-	-	-	-	-	-	0.79
12	-	-	-	-	-	-	-	-	-	-	-	0.64
13	-	-	-	-	-	-	-	-	-	-	-	2.16
14	-	-	-	-	-	-	-	-	-	-	-	1.14
15	-	-	-	-	-	-	-	-	-	-	-	0.17
16	-	-	-	-	-	-	-	-	-	-	-	2.43
17	-	-	-	-	-	-	-	0.14	-	-	-	2.12
18	-	-	-	-	-	-	-	0.19	-	-	-	4.18
91	-	-	-	-	-	-	-	-	22.7	-	-	1.33
92	-	-	-	-	-	-	-	-	-	-	-	-
93	0.67	-	-	-	-	-	-	-	2.67	-	-	-
94	-	-	-	-	-	-	-	-	2.22	-	-	-
95	0.20	-	-	-	-	-	-	-	4.71	-	-	0.20

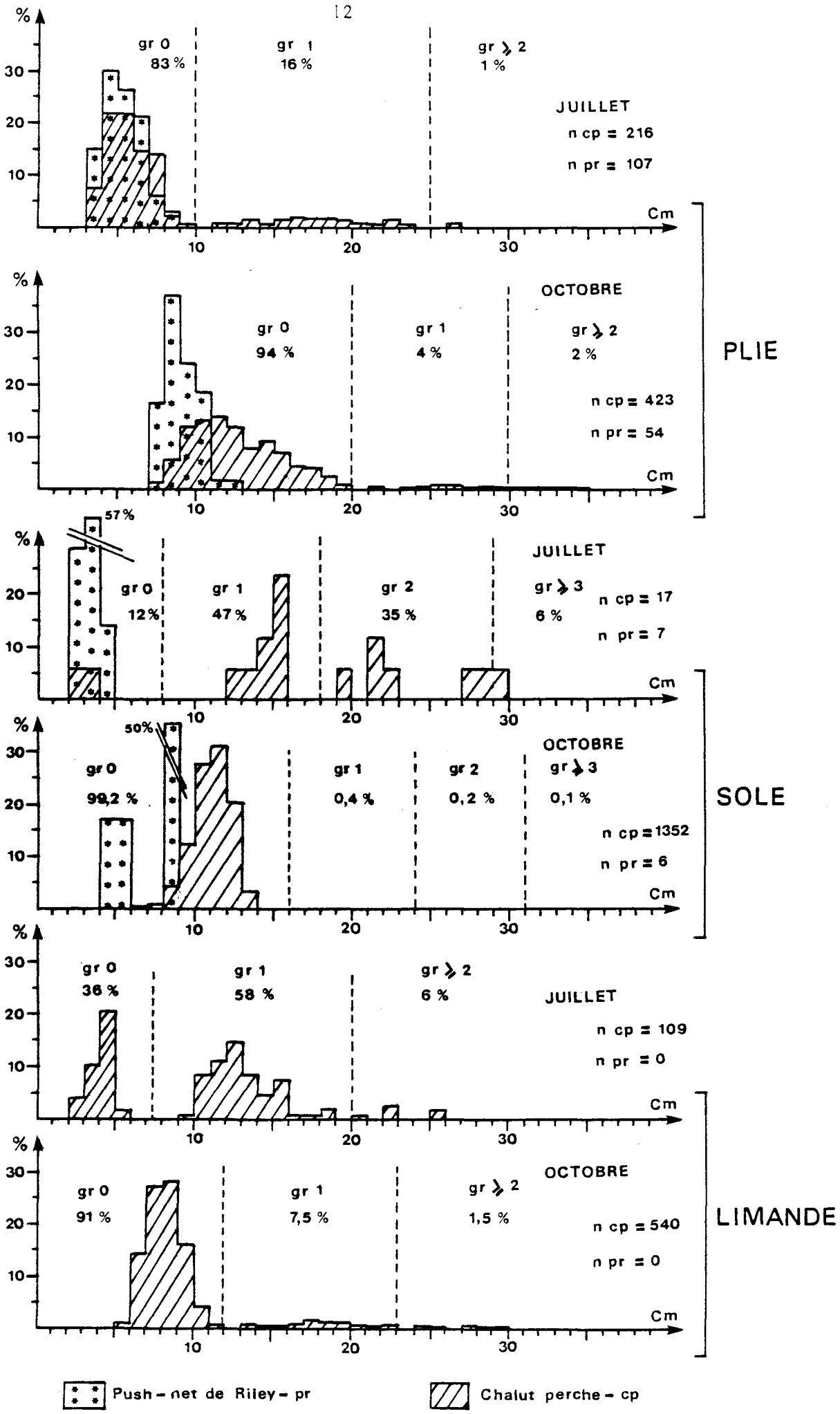
GRAV 10/85 (suite): densites en nombre d'individus pour mille metres carres.

TRAIT	MERN MER GR0	MERN MER GR1+	TRIS LUS GR0	TRIS LUS GR1+	DICE LAB GR0	DICE LAB GR1+	SPRA SPR GR0	SPRA SPR GR1+	CLUP HAR GR0	CLUP HAR GR1	CLUP HAR GR2+
1	2.60	-	10.4	-	-	-	-	-	-	-	-
2	0.33	0.33	1.31	-	-	-	-	-	-	-	-
3	2.62	-	0.29	-	-	-	-	-	-	-	-
4	0.88	-	0.66	-	-	-	-	-	-	-	-
5	4.38	-	1.92	-	-	-	-	-	-	-	-
6	0.22	-	1.55	-	-	-	-	-	-	-	-
7	1.26	-	3.77	-	-	-	-	-	-	-	-
8	5.19	-	1.18	-	-	-	-	-	-	0.47	0.24
9	1.55	-	1.03	-	-	-	-	-	-	-	0.26
10	0.40	-	-	-	-	-	-	-	-	1.62	-
11	0.59	-	-	-	-	-	-	-	-	-	-
12	0.43	-	1.07	-	-	-	-	-	-	0.21	-
13	0.39	-	1.37	-	-	-	-	-	-	-	-
14	0.19	-	1.52	-	-	-	-	-	-	-	-
15	0.52	-	0.52	-	-	-	-	-	-	-	-
16	1.01	-	2.23	-	-	-	-	-	-	-	-
17	0.85	0.14	1.83	-	-	-	-	-	-	-	-
18	1.33	0.57	2.28	-	-	-	-	-	-	0.19	-
91	-	-	-	-	1.33	-	-	-	-	-	-
92	-	-	-	-	2.00	-	-	-	-	-	-
93	-	-	-	-	1.33	-	-	-	-	-	-
94	-	-	-	-	9.63	-	-	-	-	-	-
95	-	-	-	-	3.73	-	-	-	-	-	-

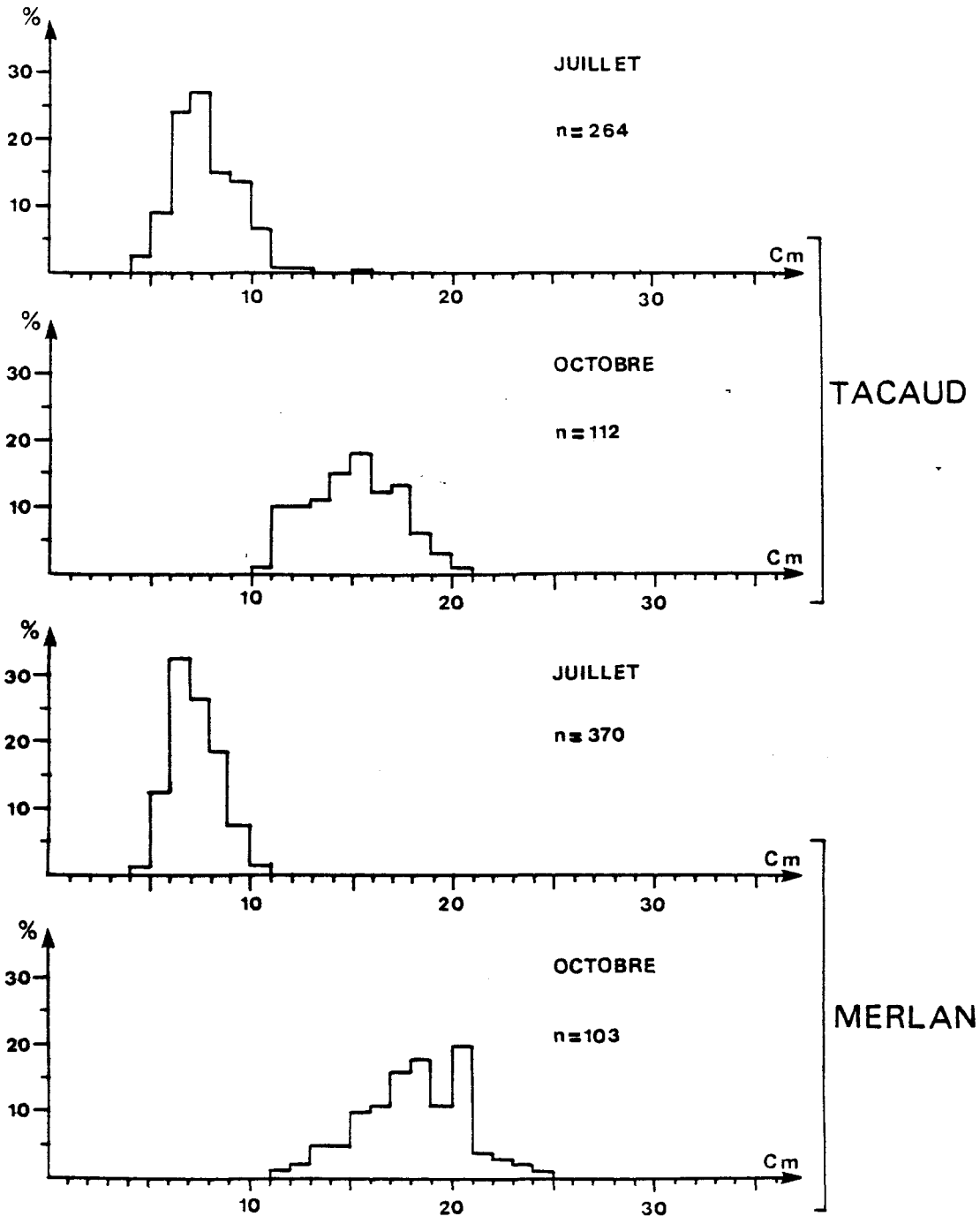
GRAV 10/85 (suite) : densites en nombre d'individus pour mille metres carres.

TRAIT	TRIG LUC GR0	TRIG LUC GR1+	CRAG CRA GR0	CRAG CRA GR1	CRAG CRA GR2	CRAG CRA GR3	CRAG CRA TOT
1	-	5.21	375	8924	2818	328	12445
2	-	0.33	61.1	1297	453	57.5	1869
3	-	0.29	201	1813	179	11.3	2204
4	-	-	-	41.8	17.7	2.85	62.4
5	-	0.27	1.10	96.4	73.9	27.4	199
6	-	-	5.32	381	89.8	19.5	496
7	0.21	0.42	9.00	355	96.4	25.7	487
8	-	-	1.89	59.6	29.9	10.1	102
9	-	-	0.26	18.6	11.9	4.14	34.9
10	-	-	-	4.18	3.10	0.40	7.69
11	-	-	2.38	28.1	39.0	6.34	75.7
12	-	0.21	21.0	169	92.4	33.8	317
13	-	0.59	-	53.9	182	82.9	319
14	-	0.19	1.14	42.8	48.5	19.2	112
15	0.17	0.52	0.34	14.3	20.9	10.5	46.0
16	0.20	0.20	2.02	227	166	42.9	438
17	0.28	-	-	11.4	25.1	18.6	55.0
18	-	-	-	50.3	35.3	10.6	96.3
91	-	-	808	1092	34.7	-	1935
92	-	-	331	1306	33.3	2.22	1672
93	-	-	851	3642	90.0	7.78	4591
94	-	-	2887	5866	23.3	-	8773
95	-	-	1237	3058	45.8	2.61	4343

GRAV 10/85 (fin): densites en nombre d'individus pour mille metres carres.



POISSONS PLATS : distributions mensuelles des fréquences de taille en 1985 .

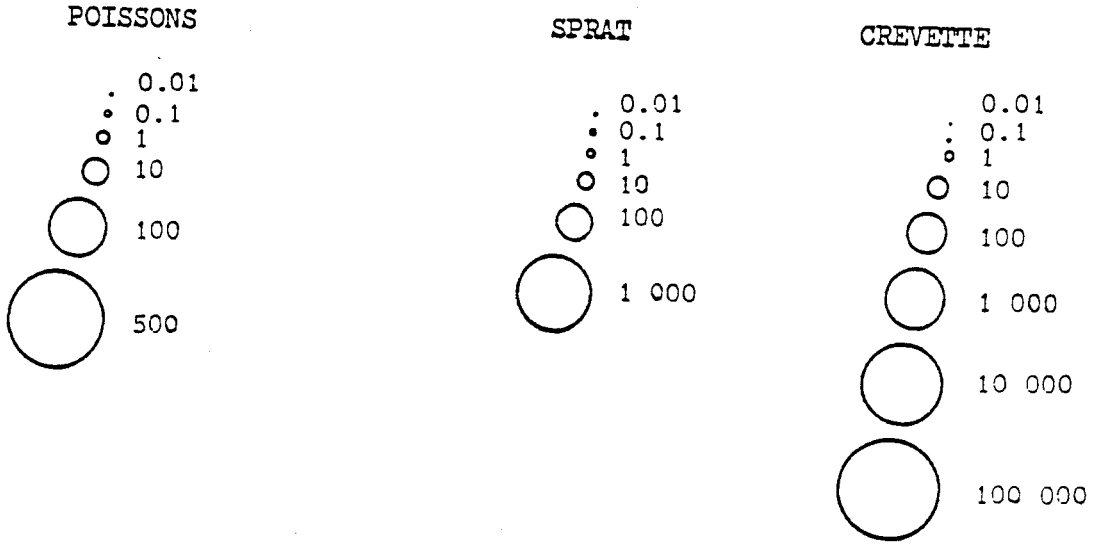


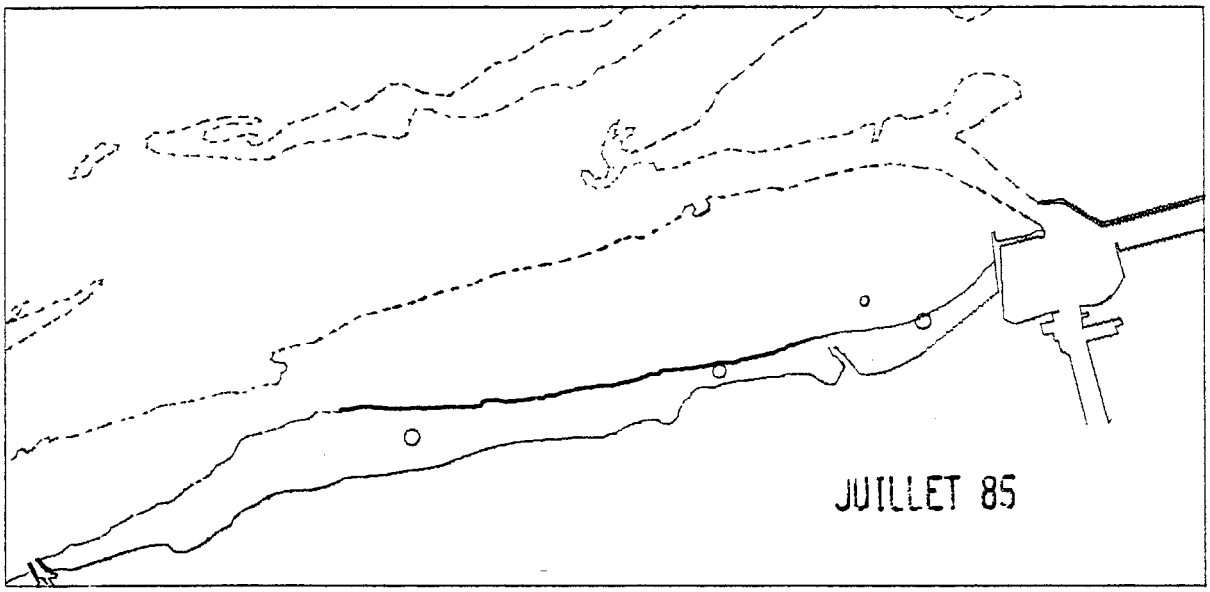
Distributions mensuelles des fréquences de taille en 1985 . CP 3 .

ANNEXE 2

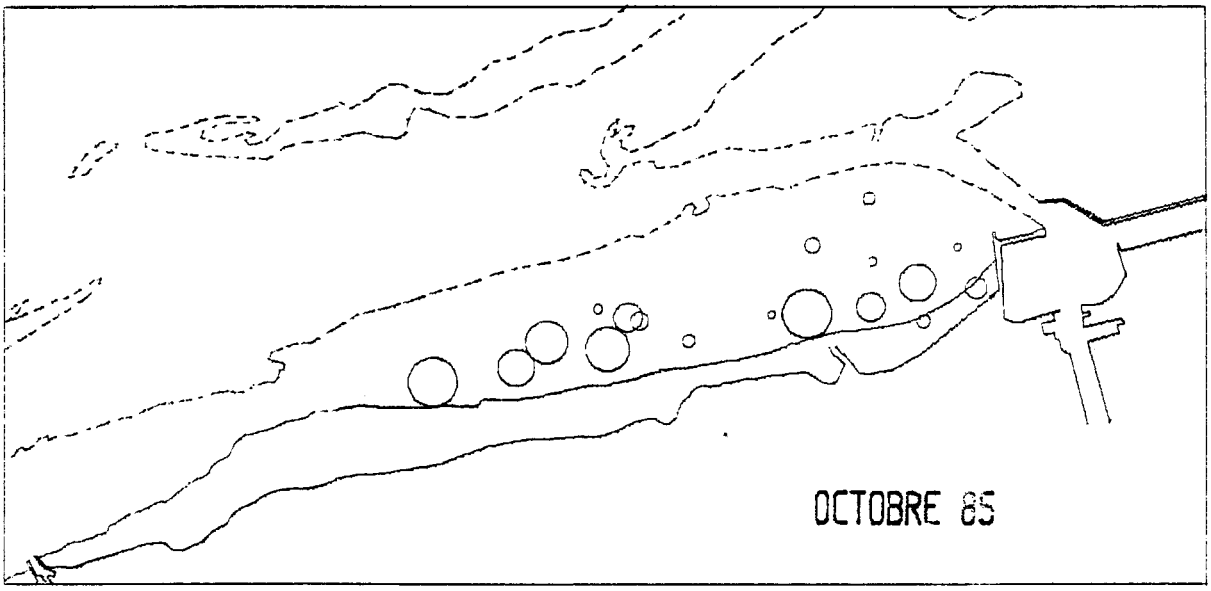
DISTRIBUTIONS SPATIALES DES PRINCIPALES ESPECES

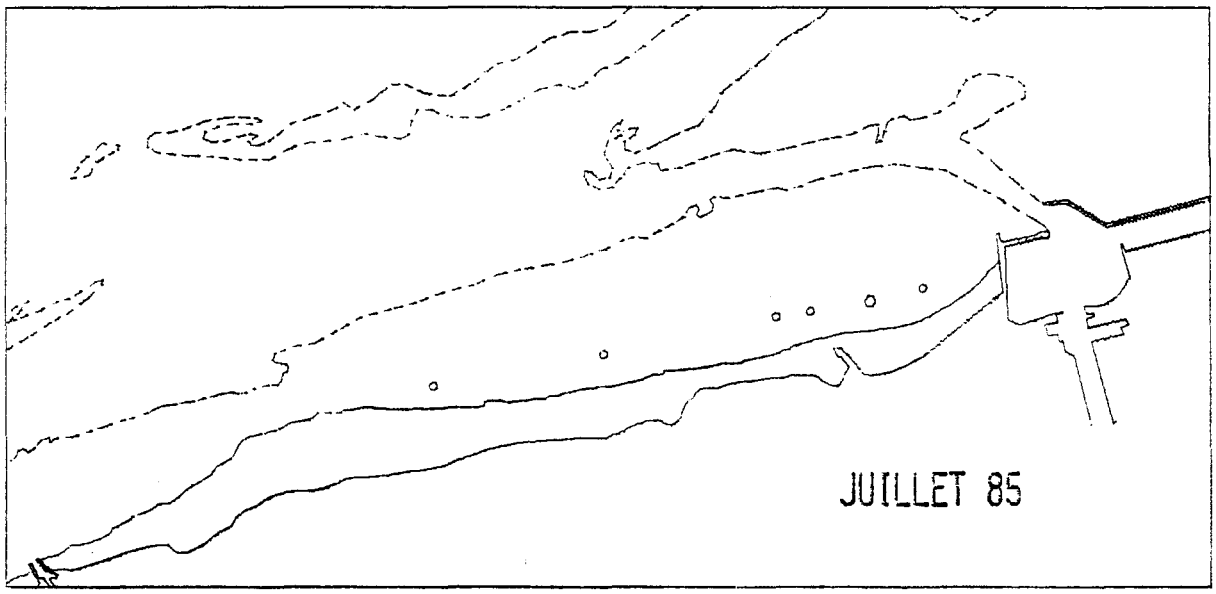
LEGENDE



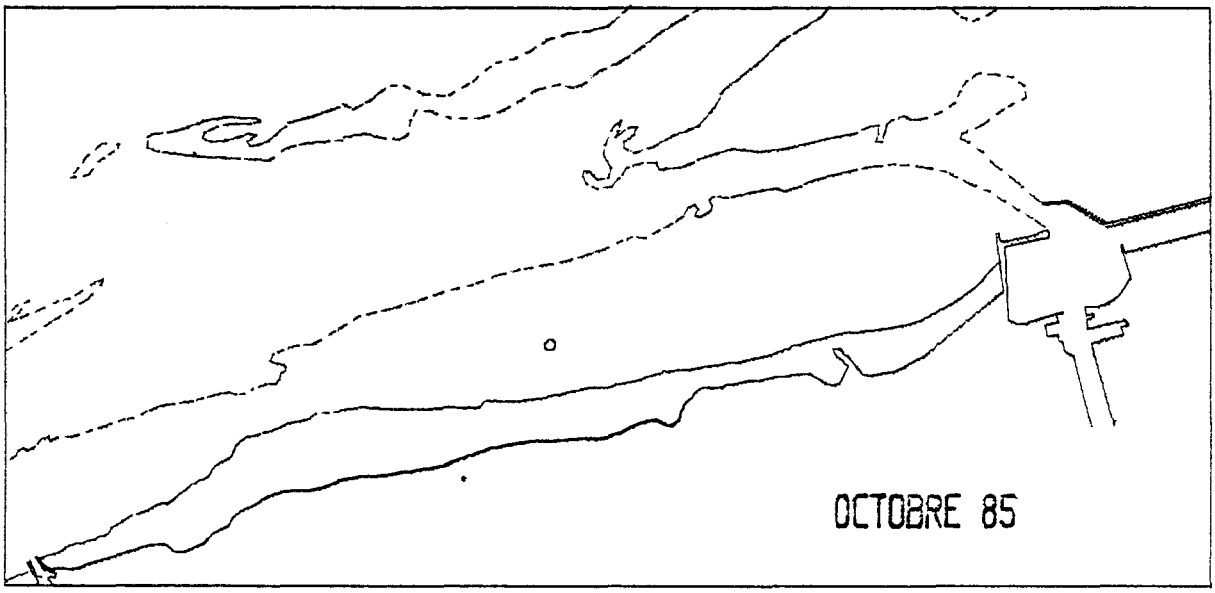


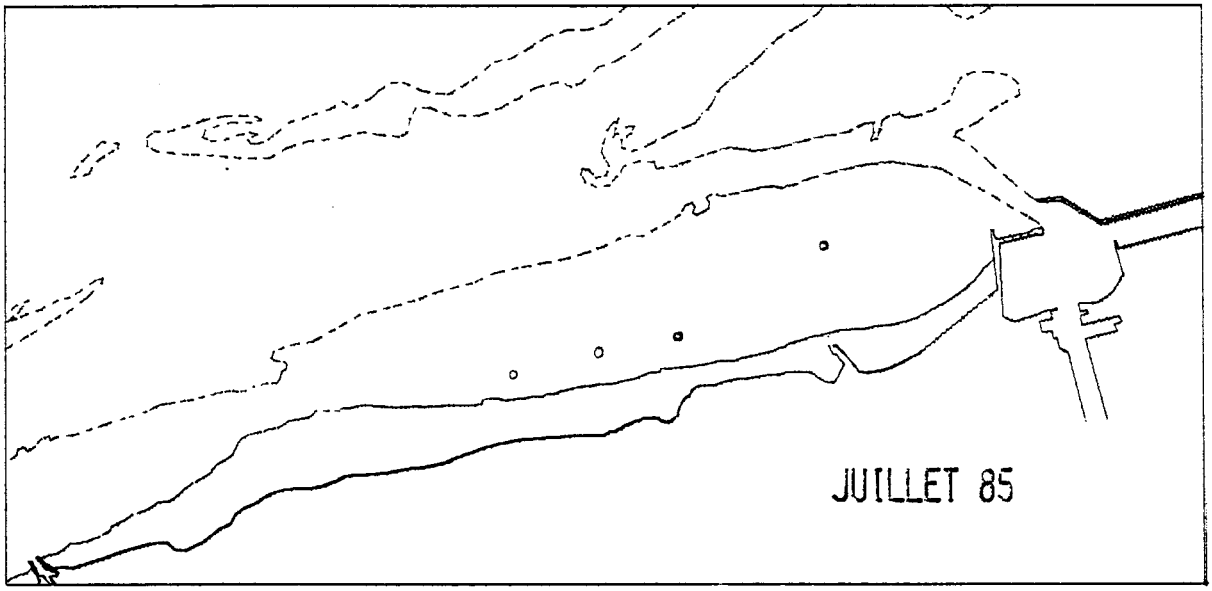
SOLE GROUPE Ø



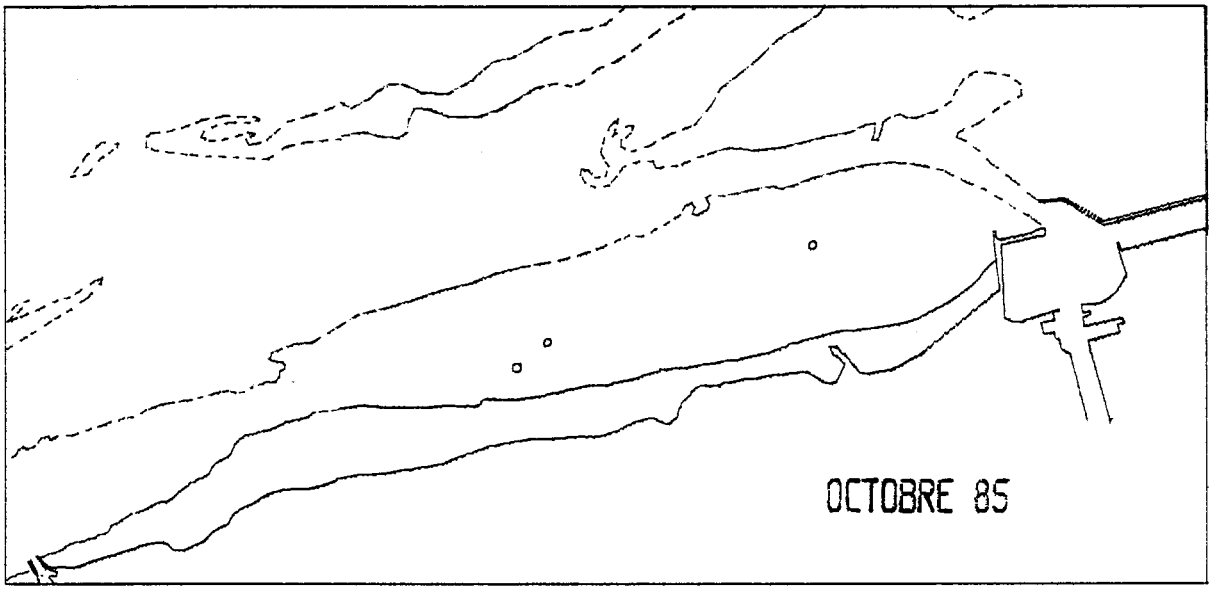


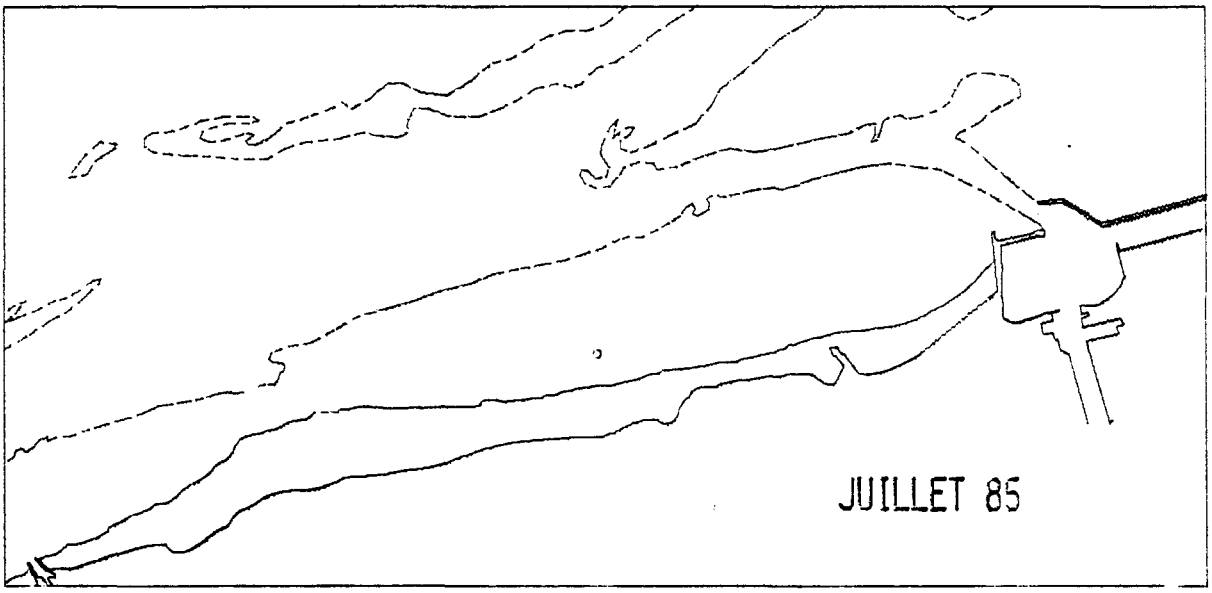
SOLE GROUPE 1



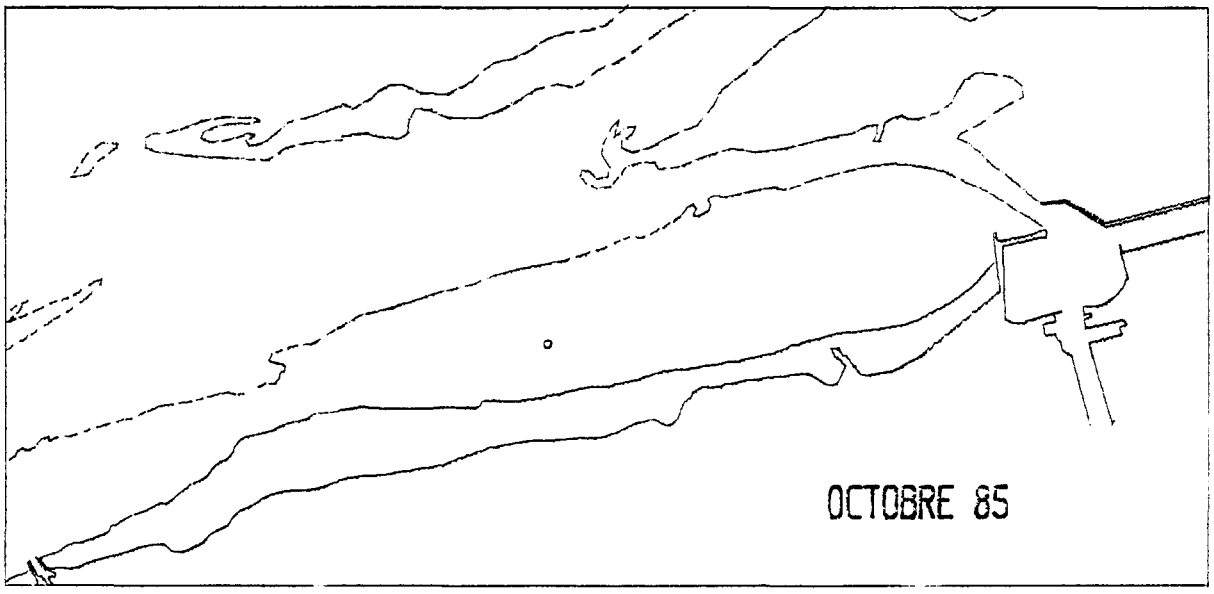


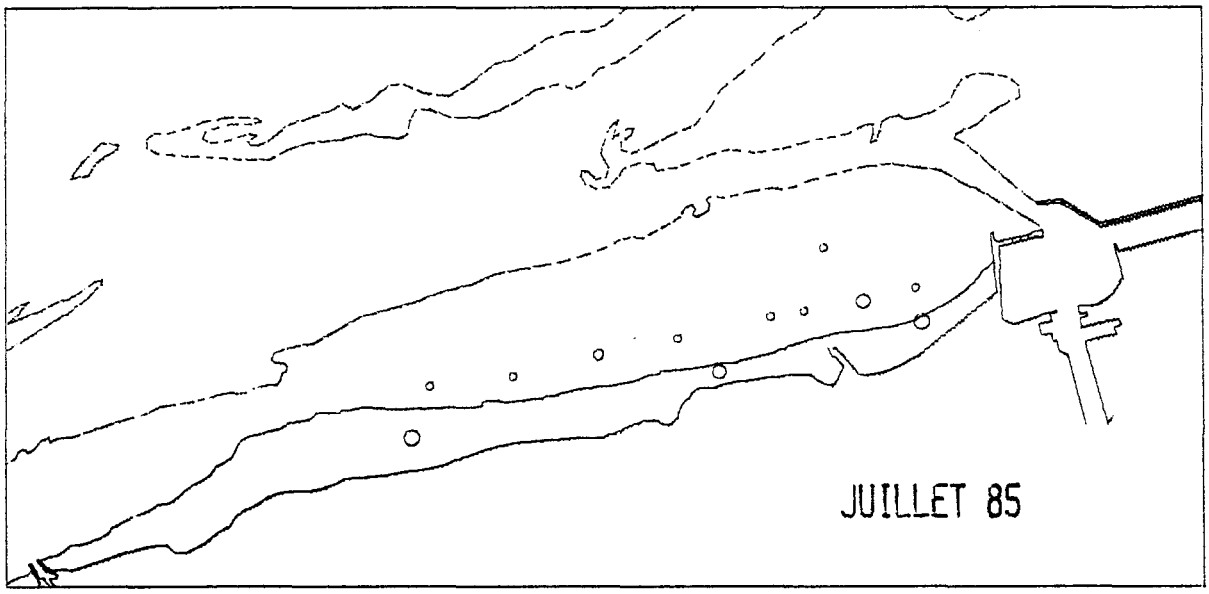
SOLE GROUPE 2



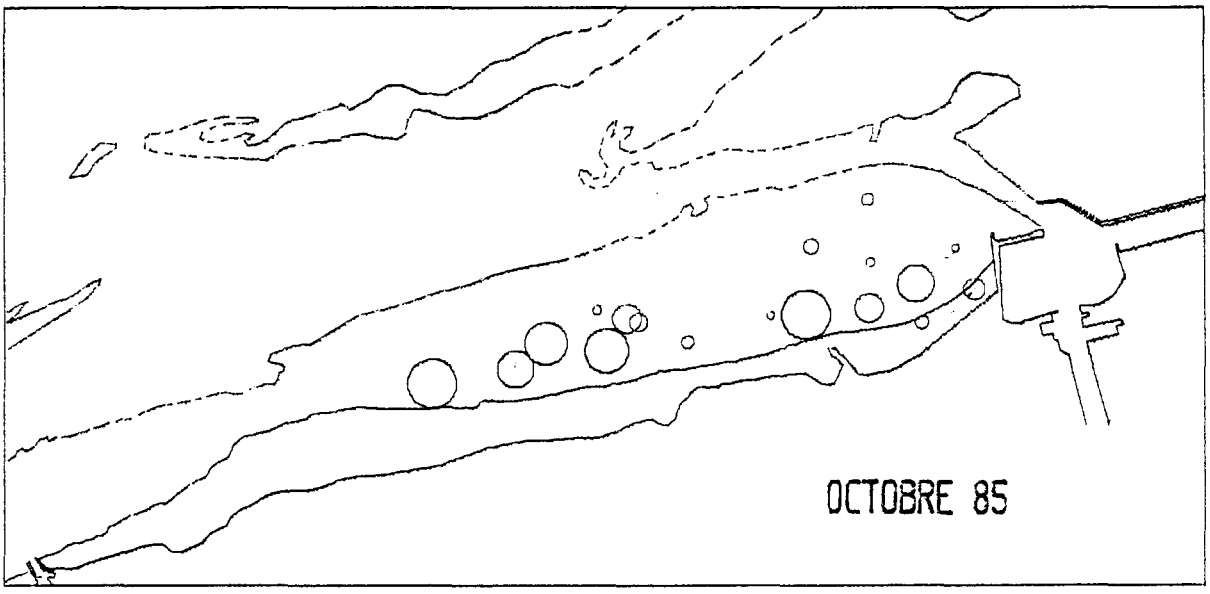


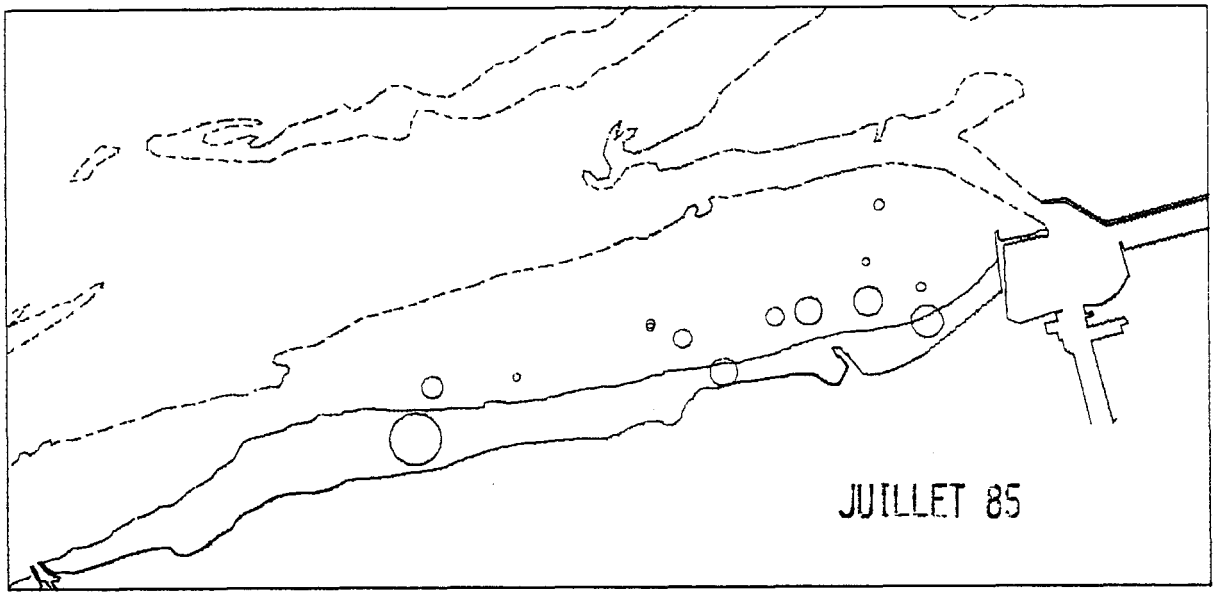
SOLE GROUPE 3+



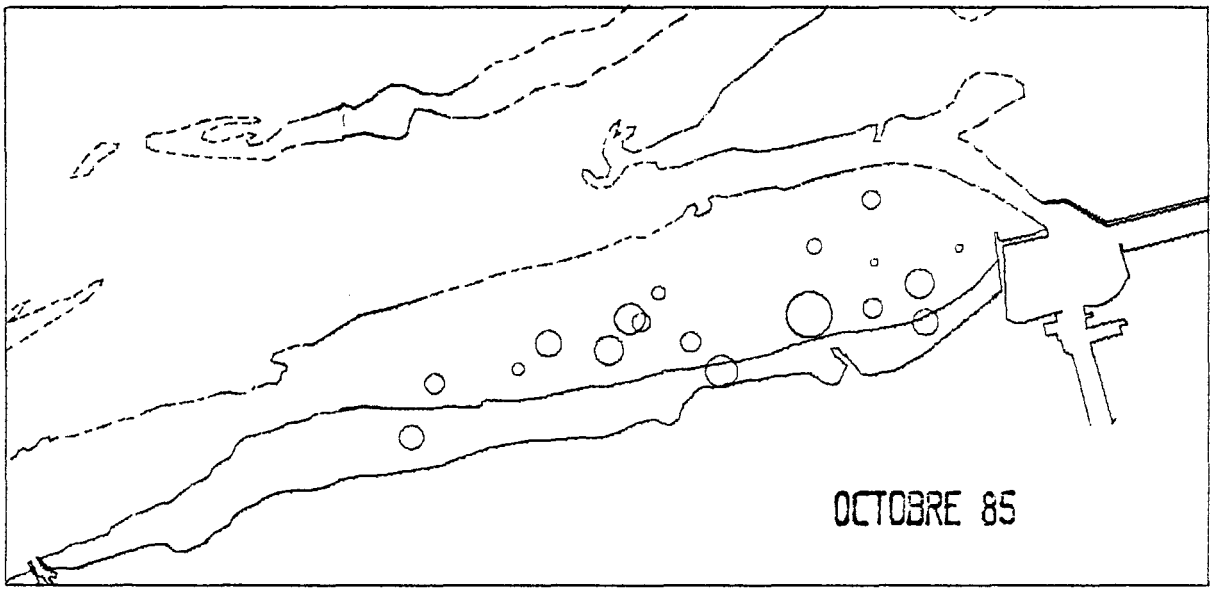


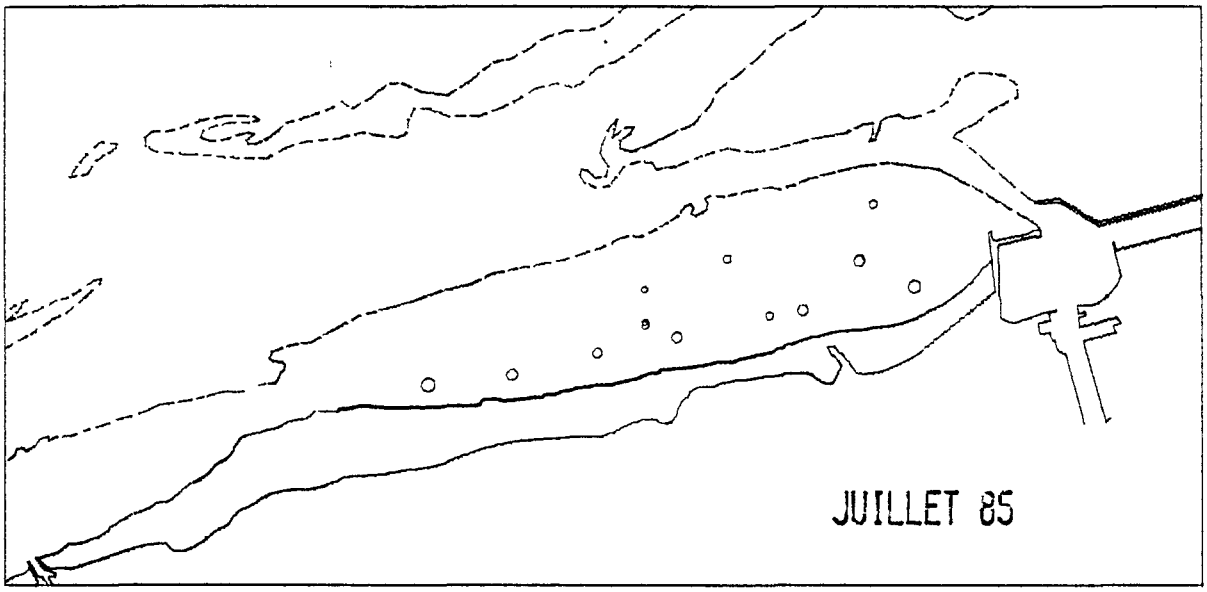
SOLE TOTAL



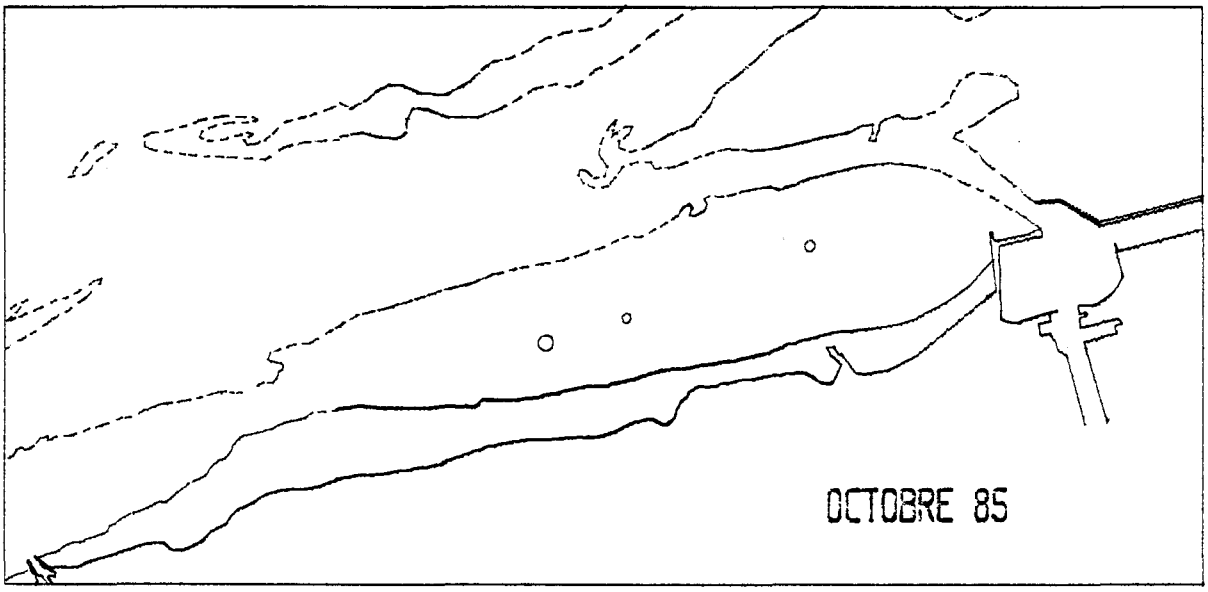


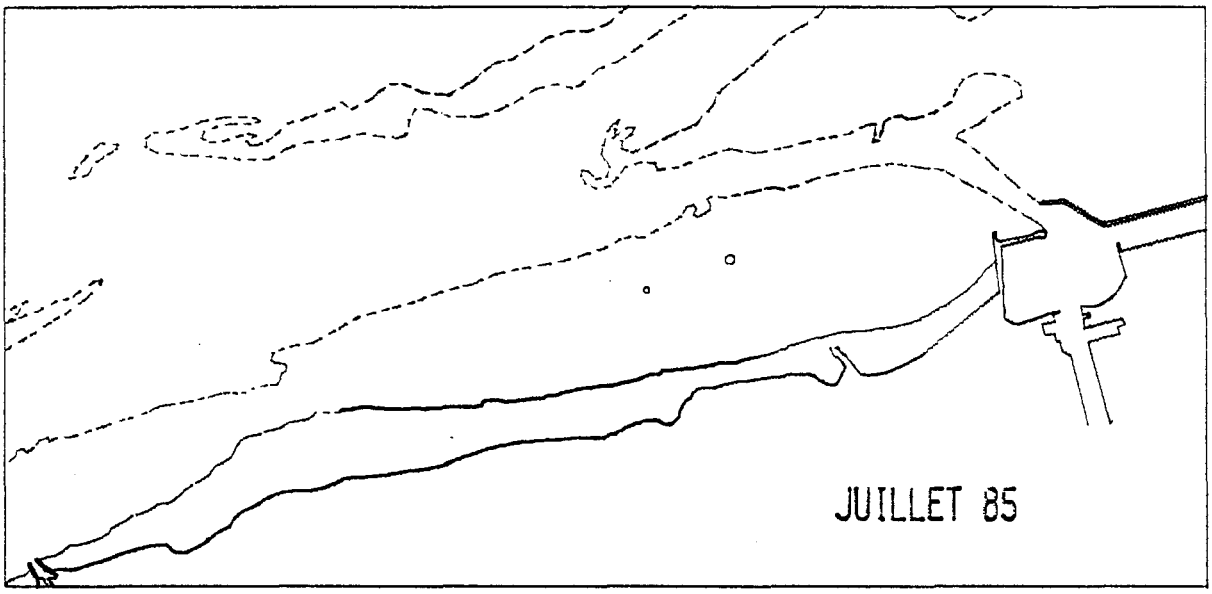
PLIE GROUPE Ø





PLIE GROUPE 1





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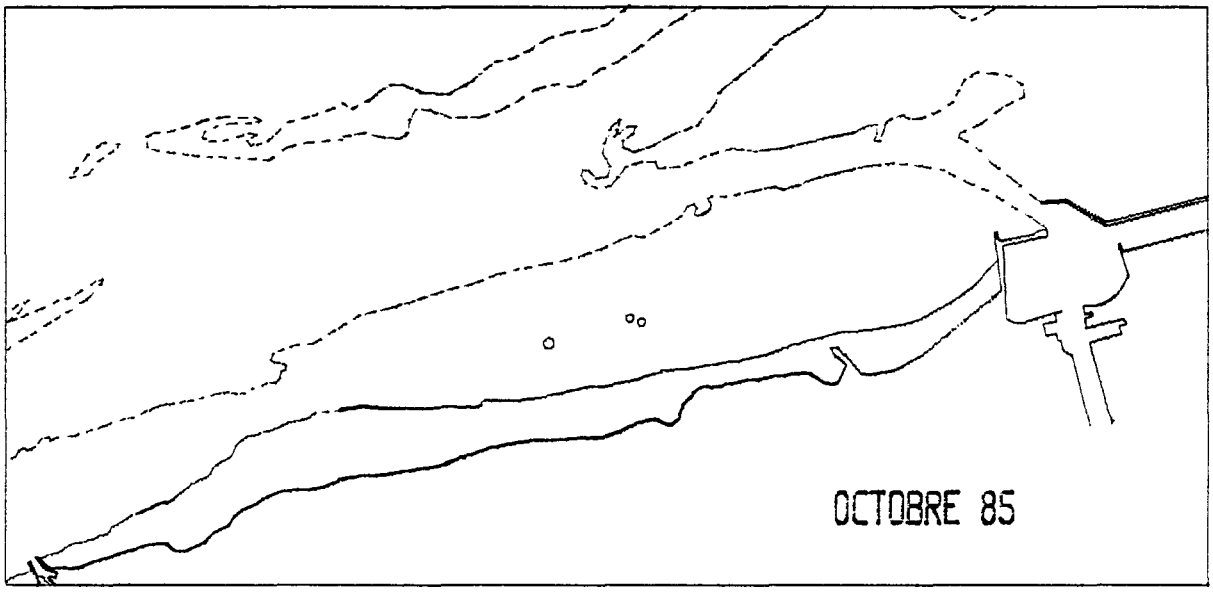
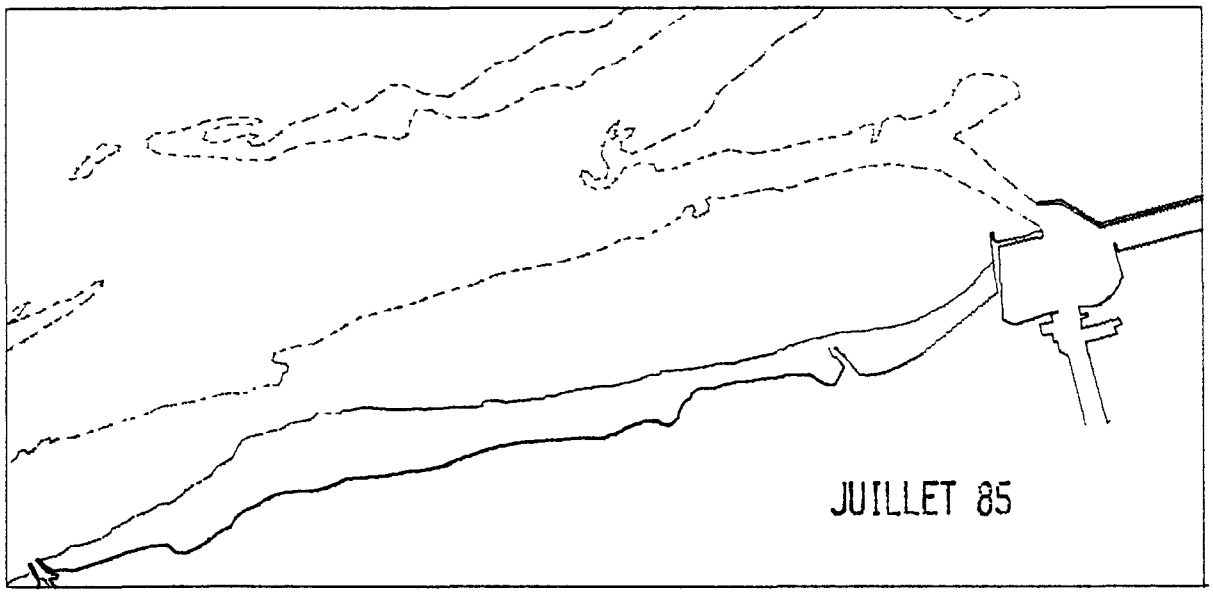
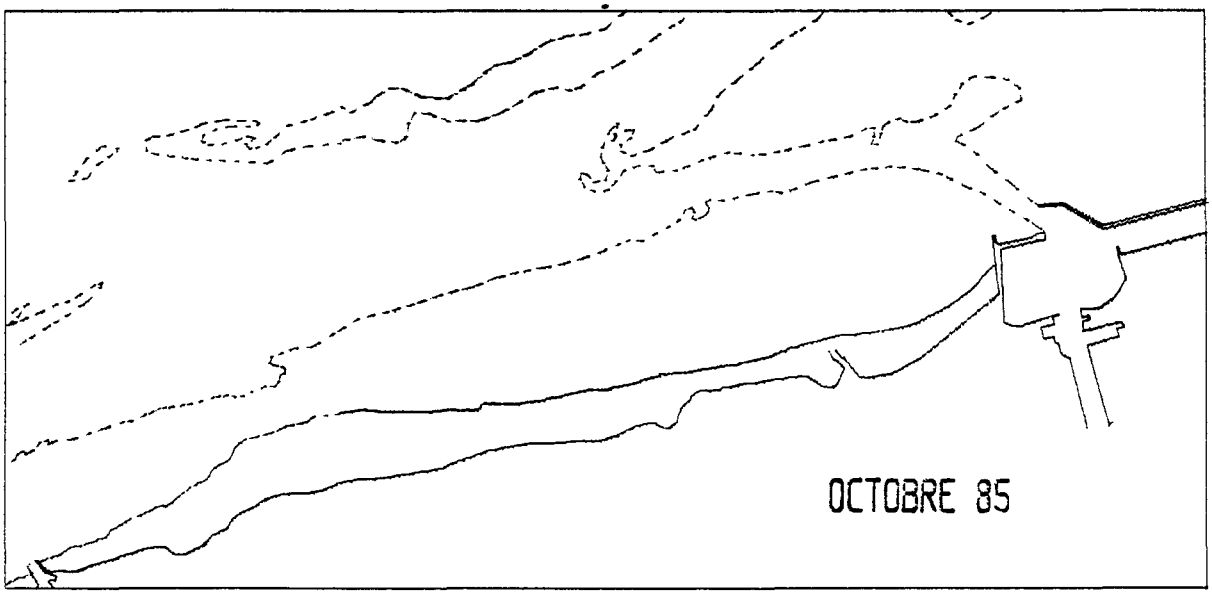
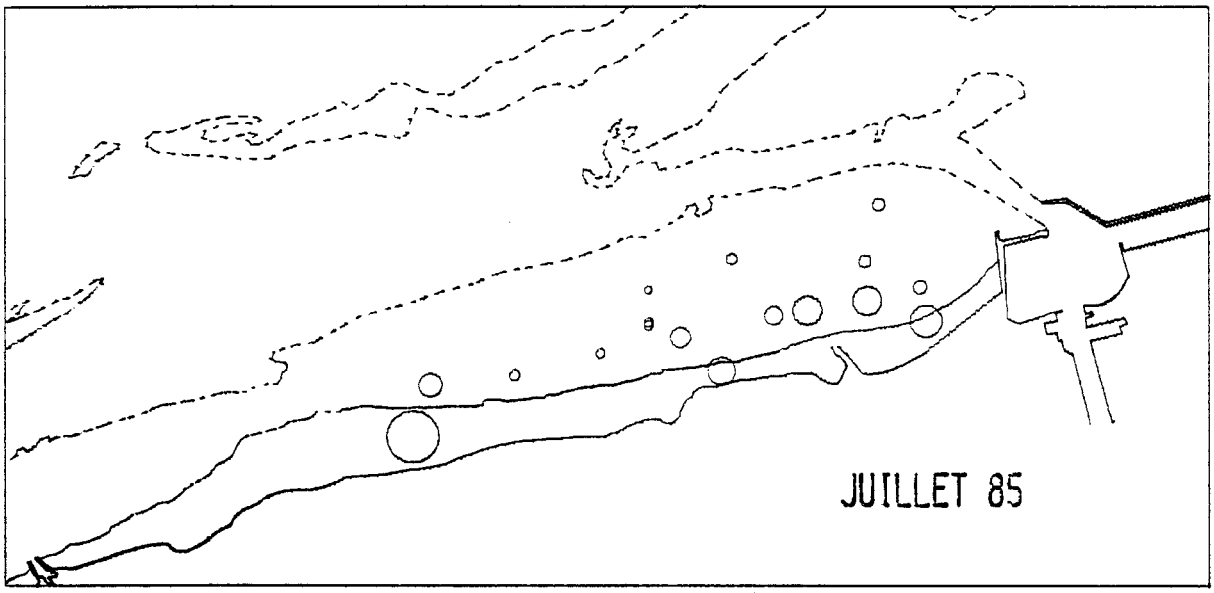


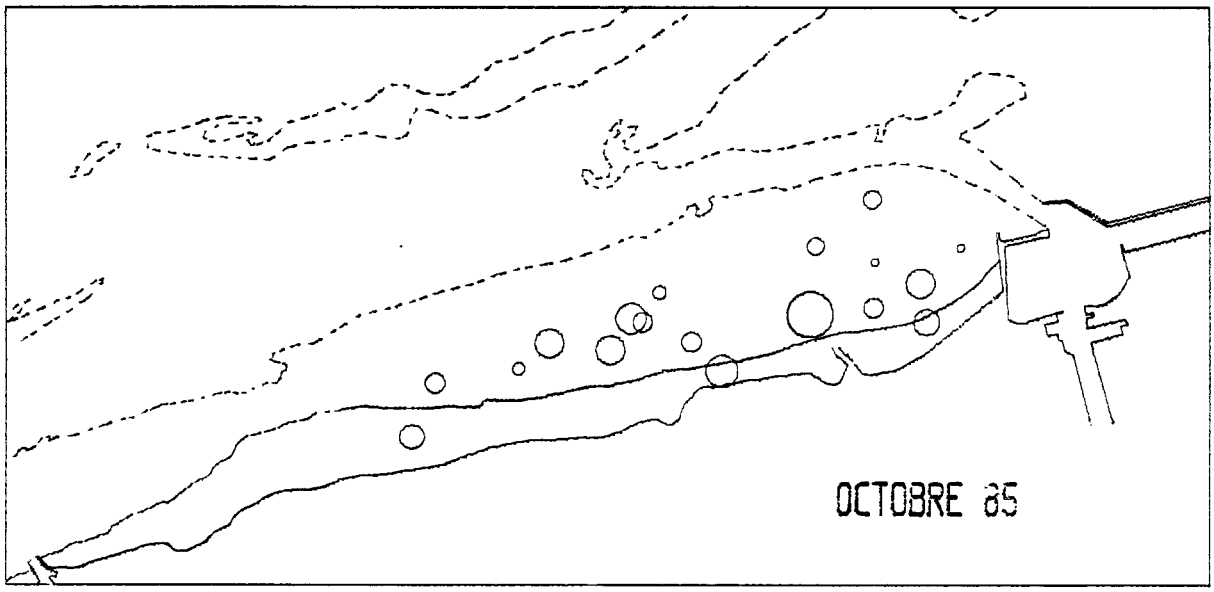


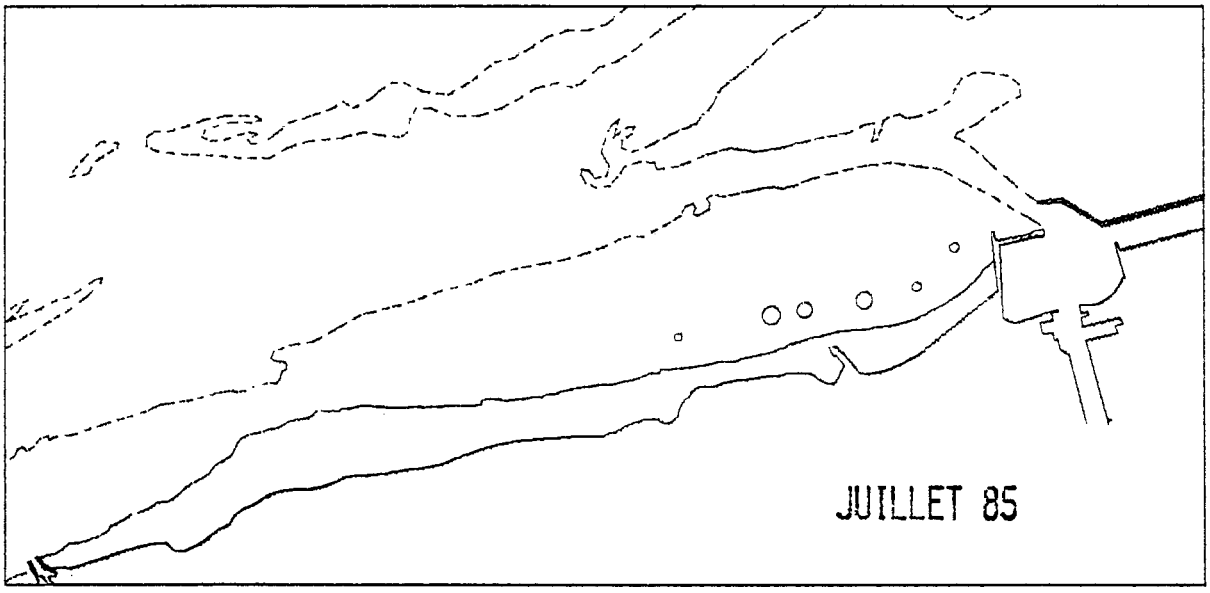
PLIE GROUPE 3+





PLIE TOTAL





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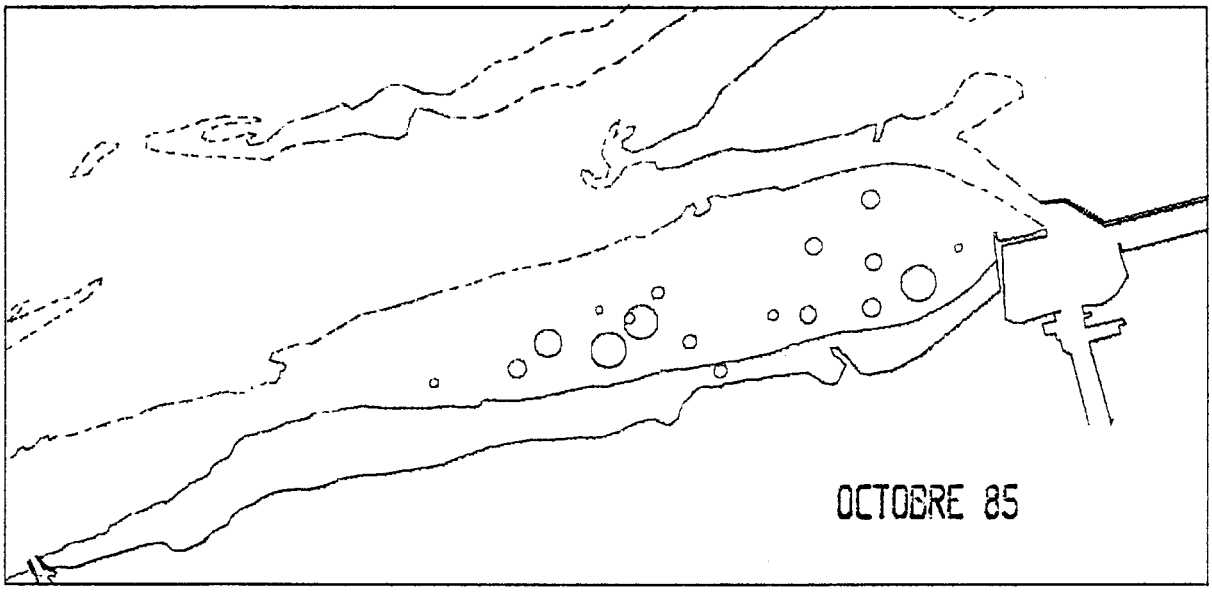
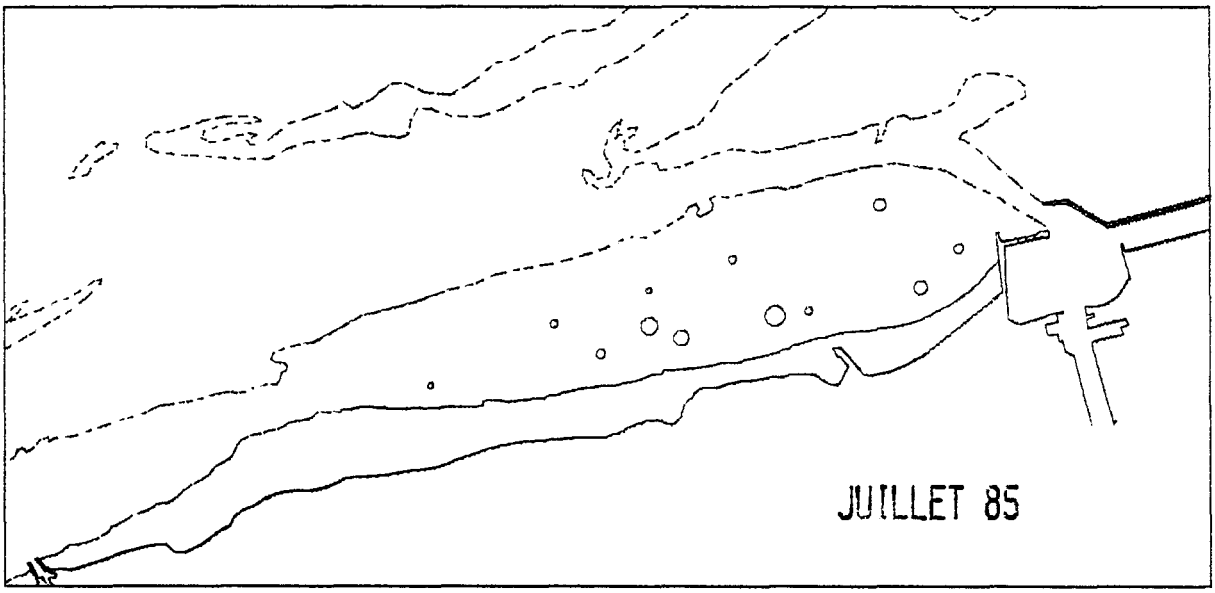
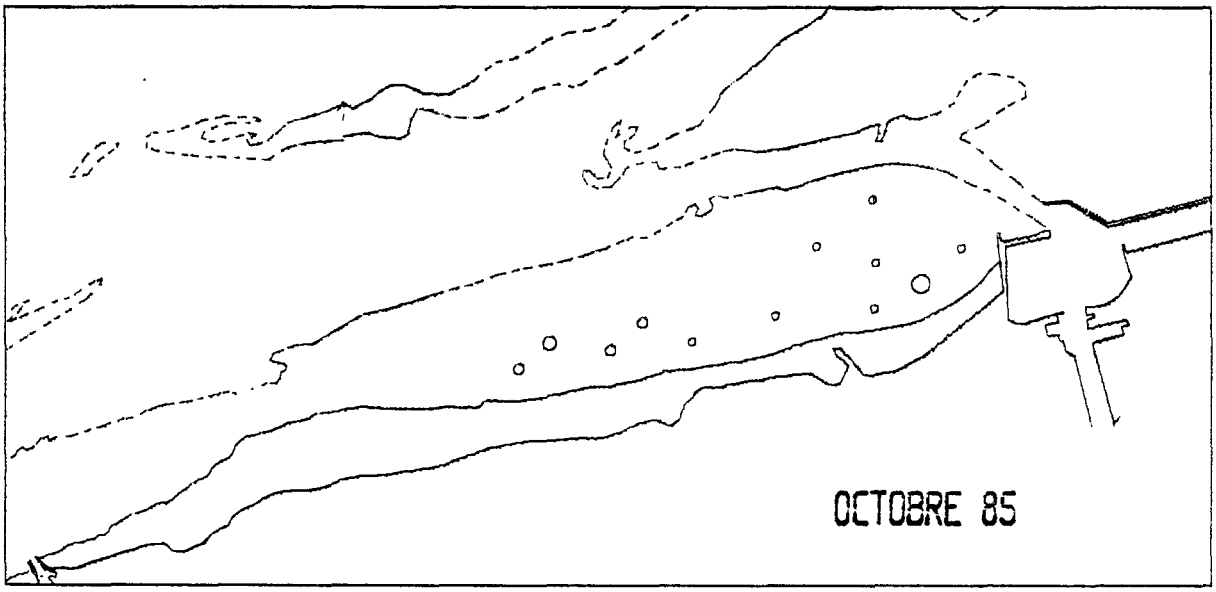
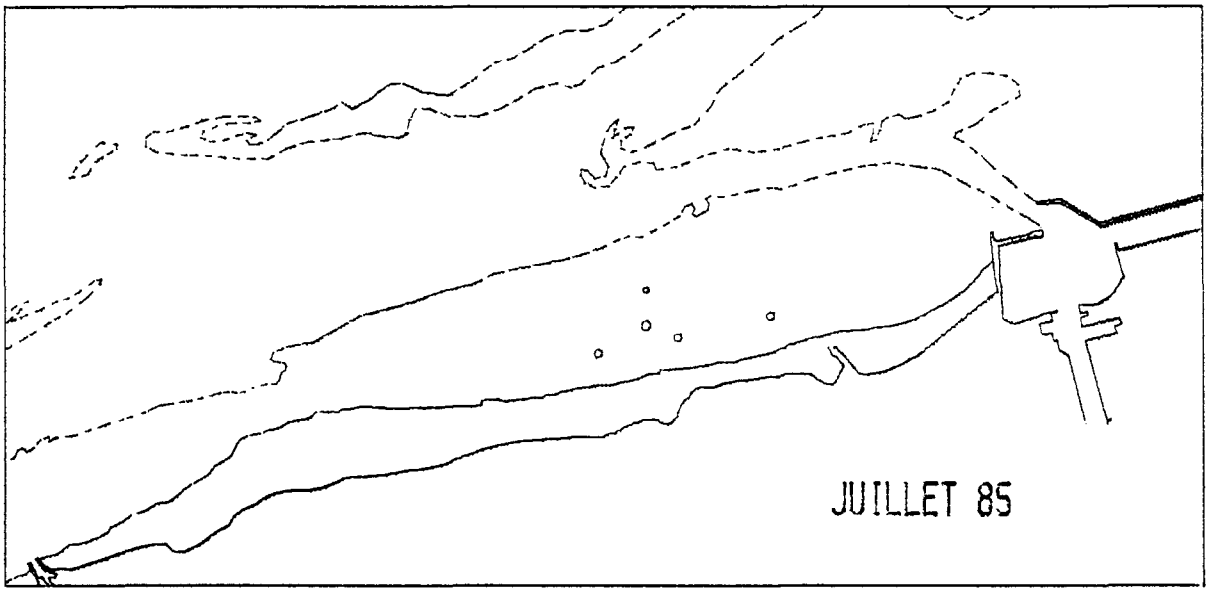




LIMANDE GROUPE 1





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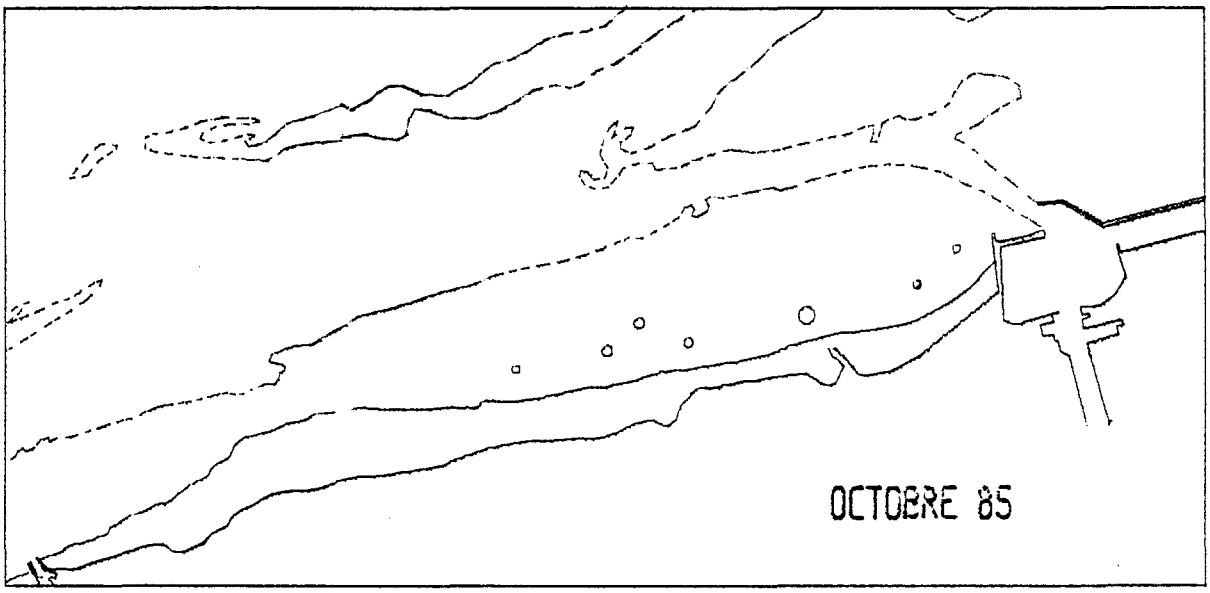
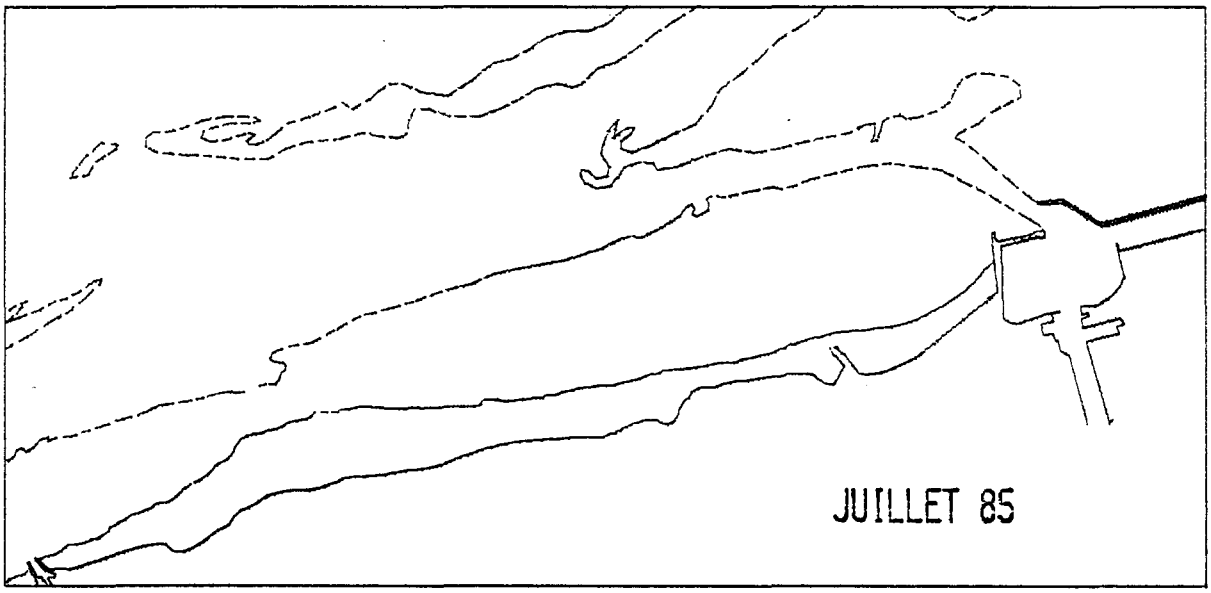
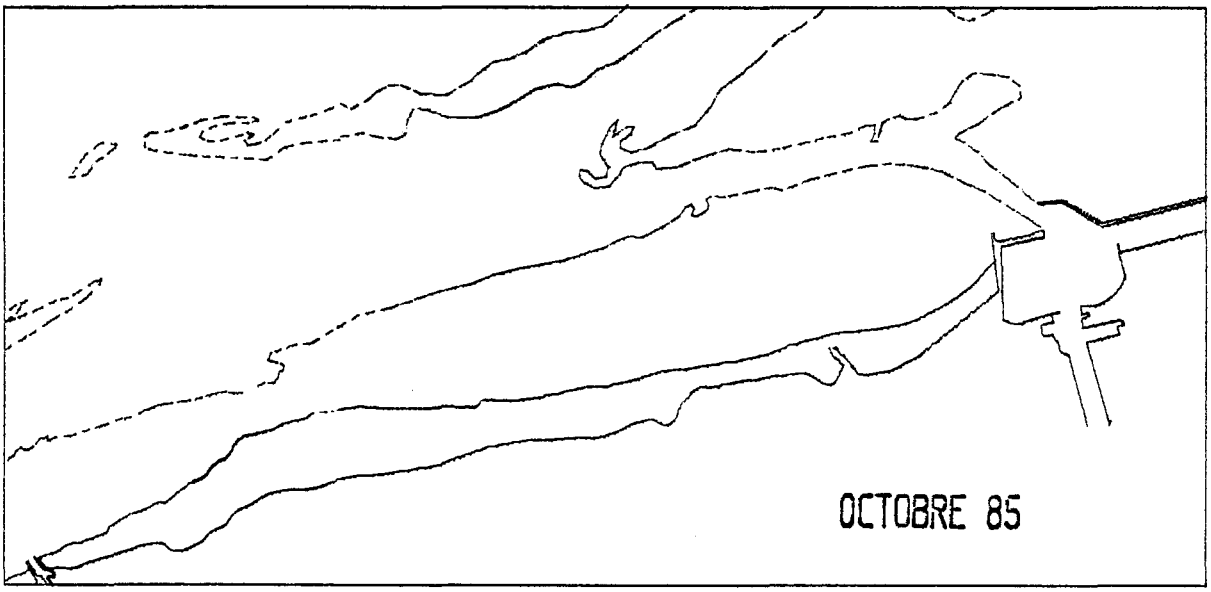
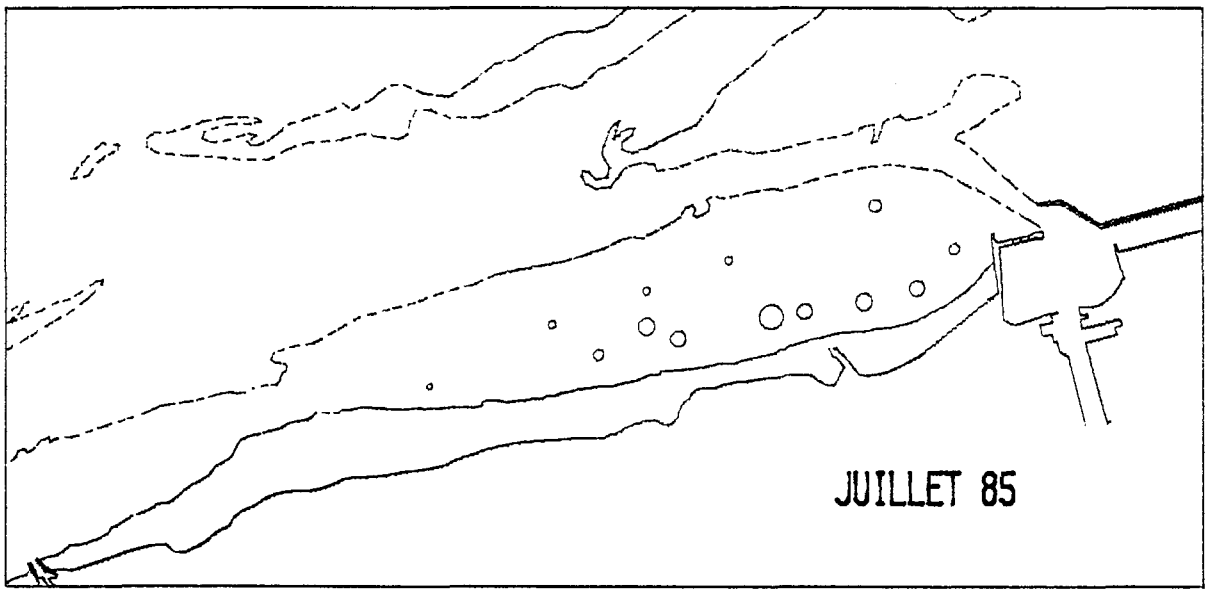


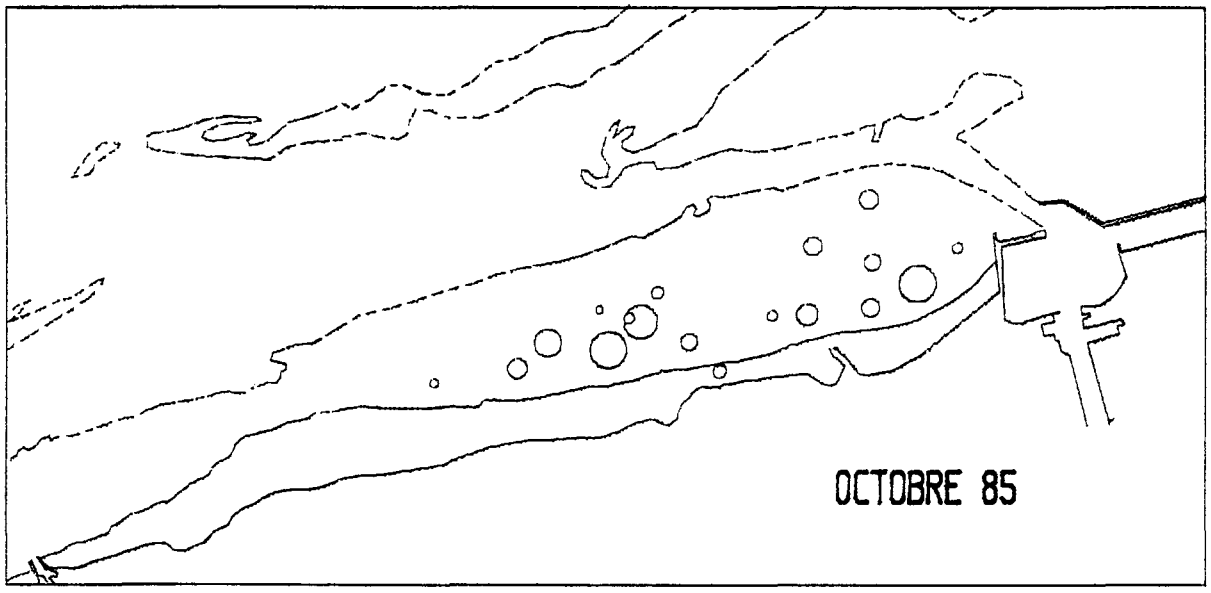


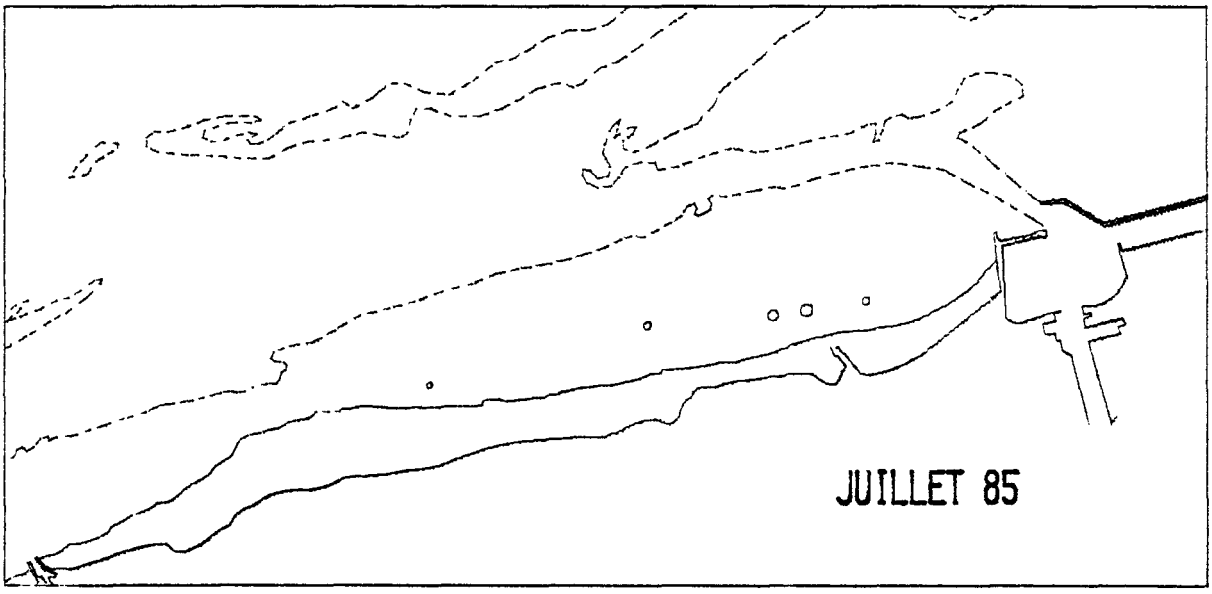
LIMANDE GROUPE 3+



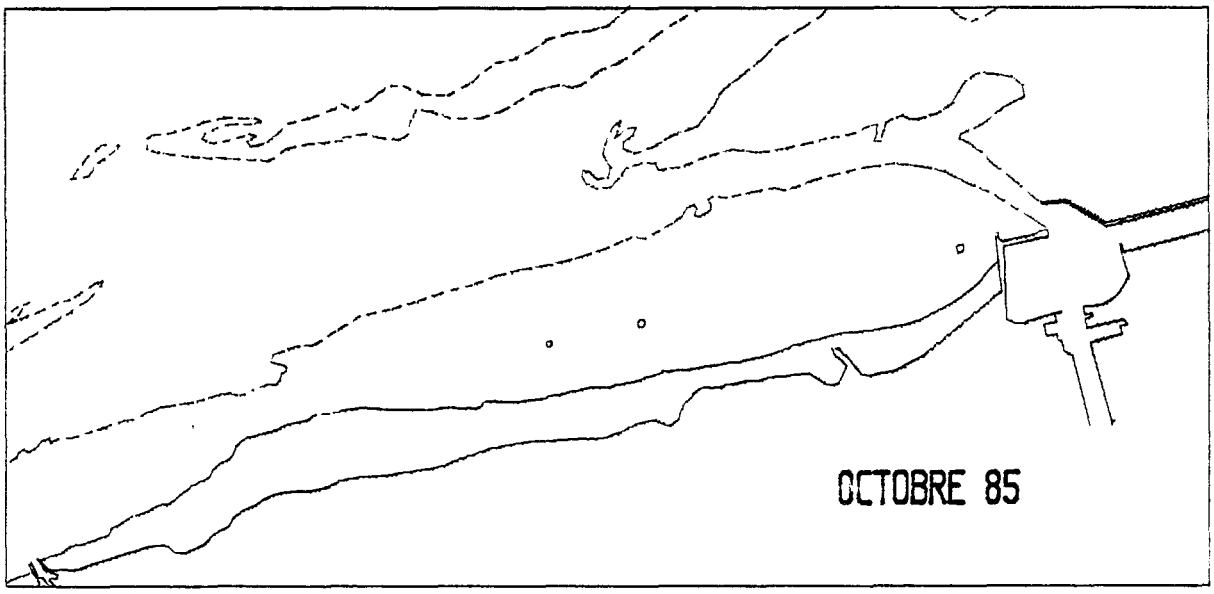


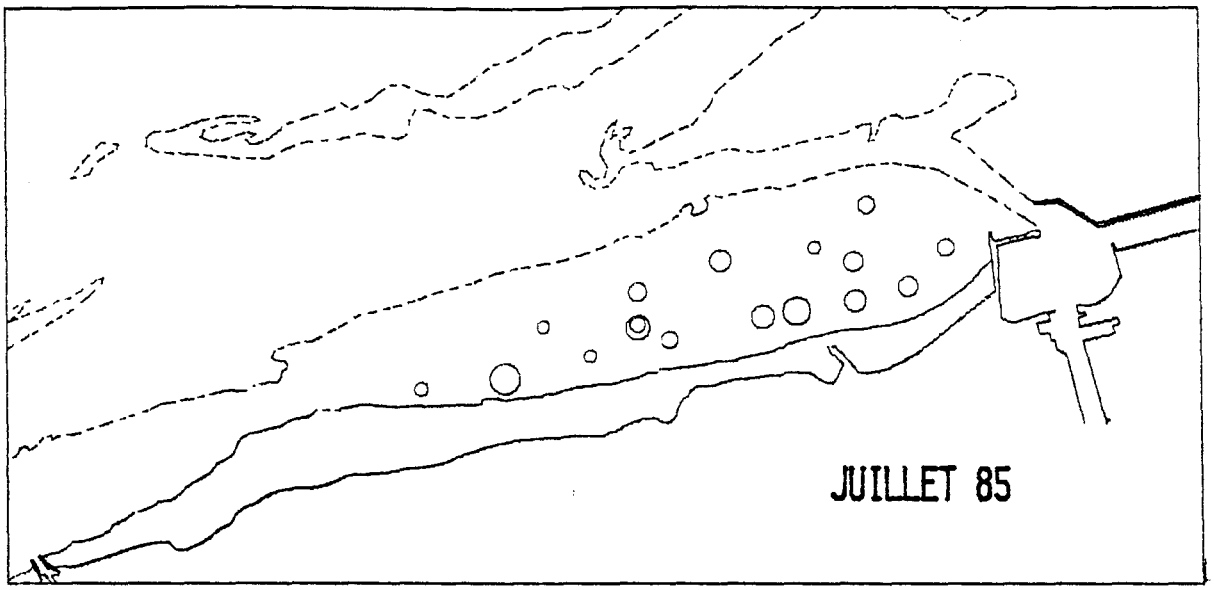
LIMANDE TOTAL



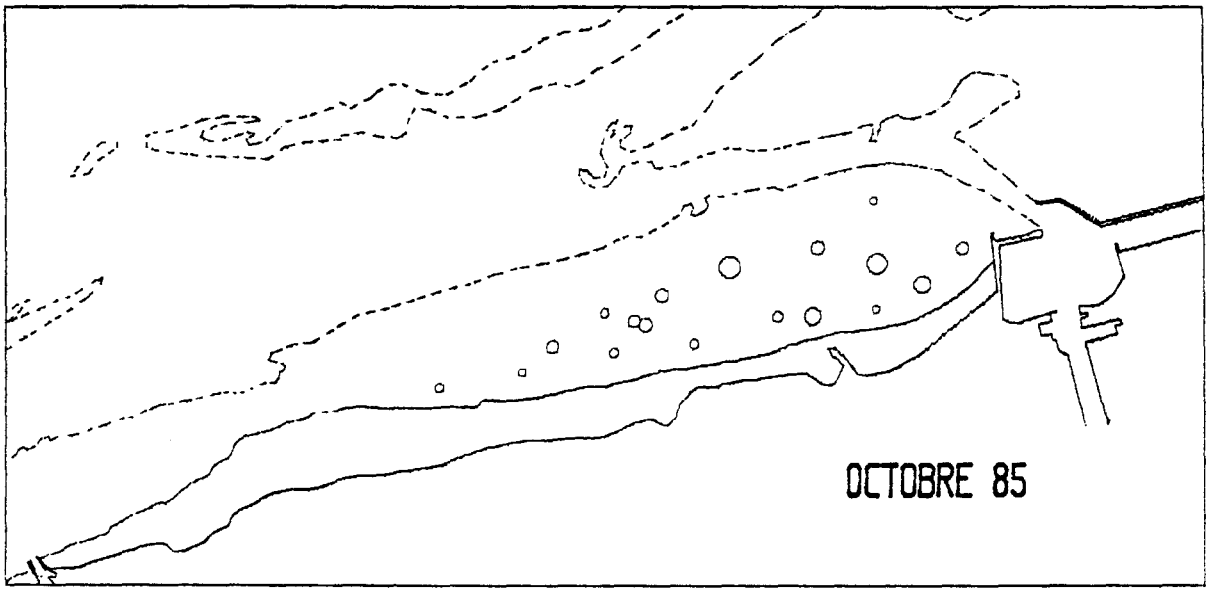


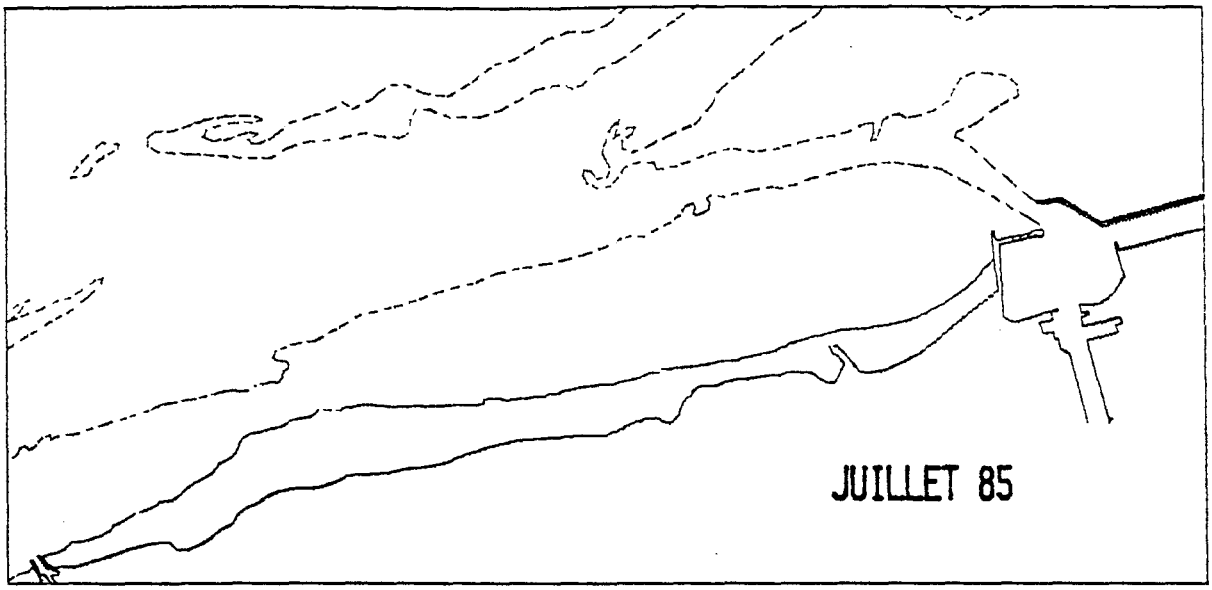
FLET TOTAL (=GROUPE 1+)



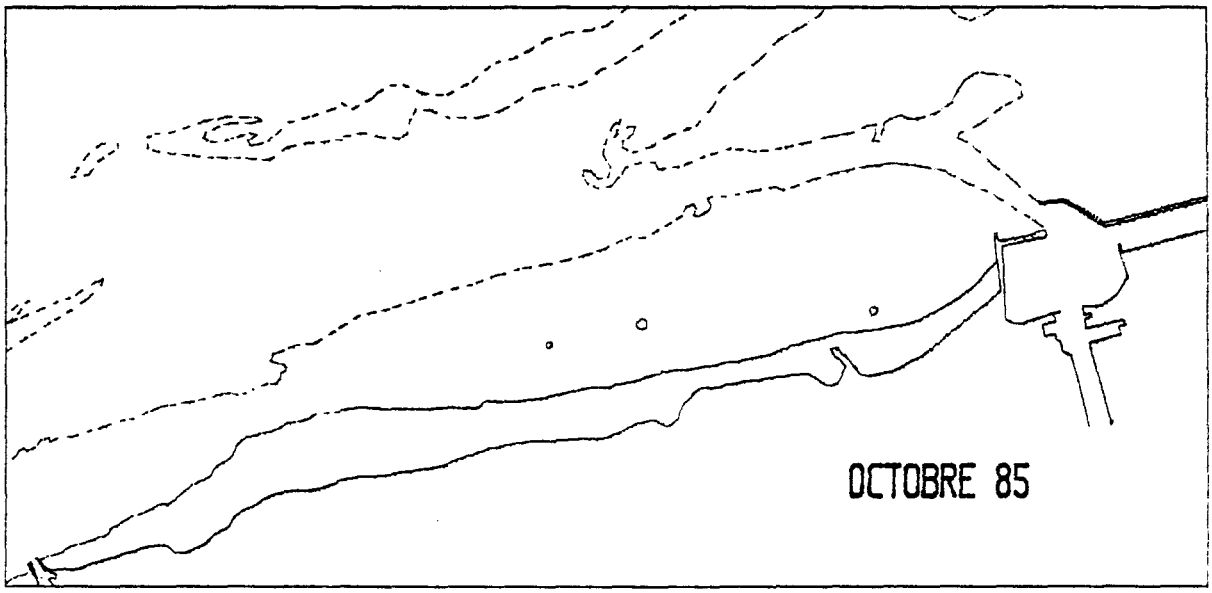


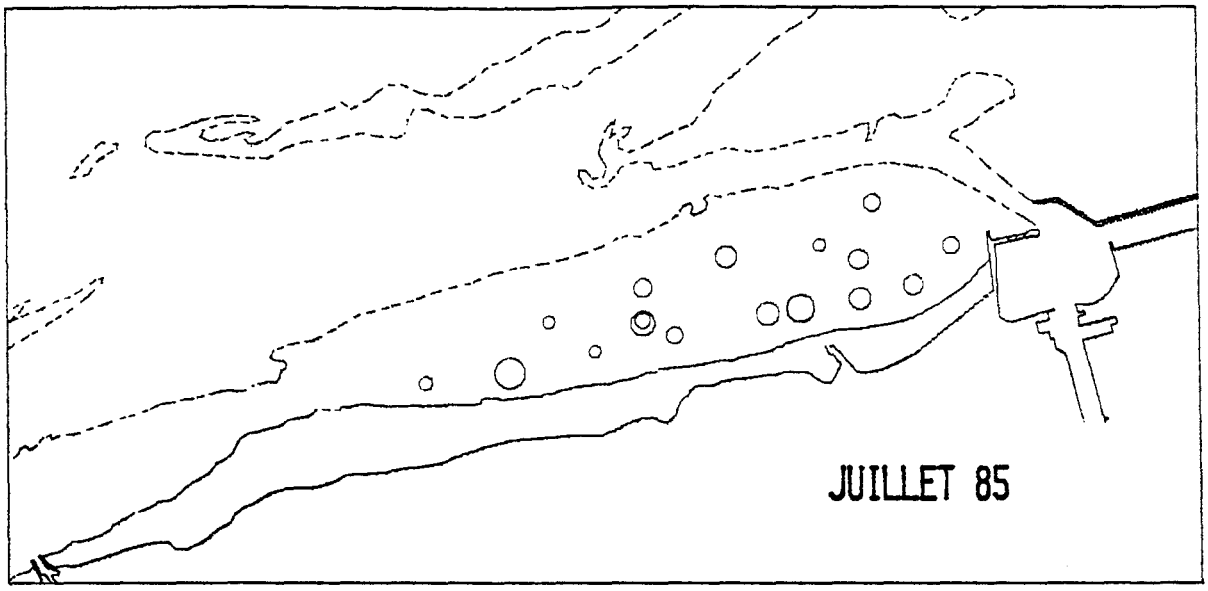
MERLAN GROUPE Ø



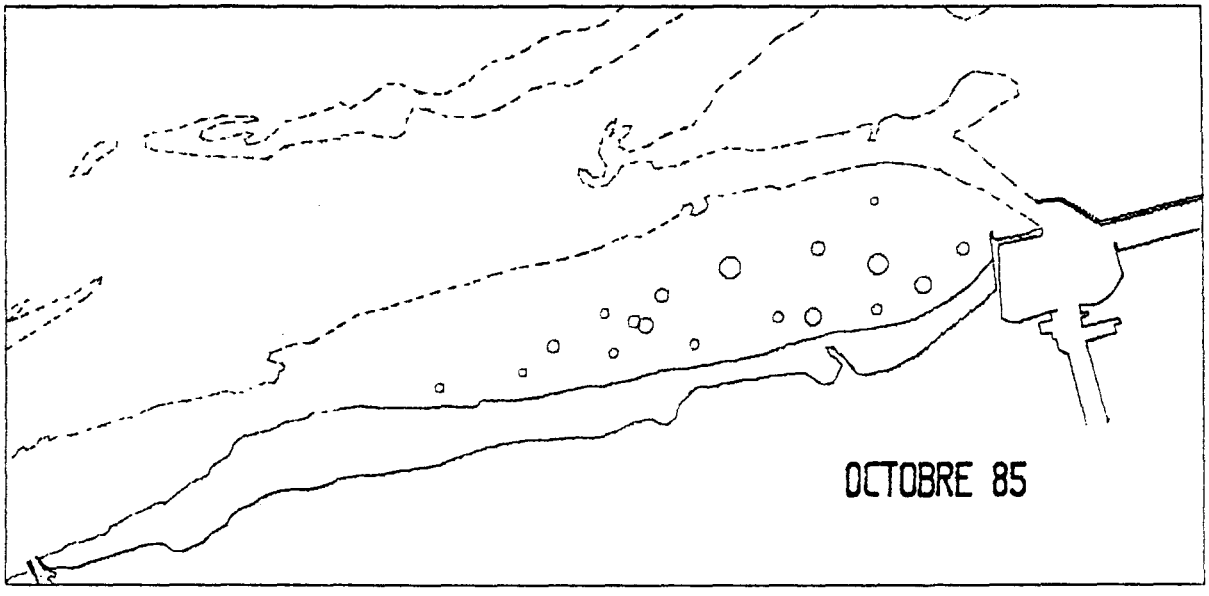


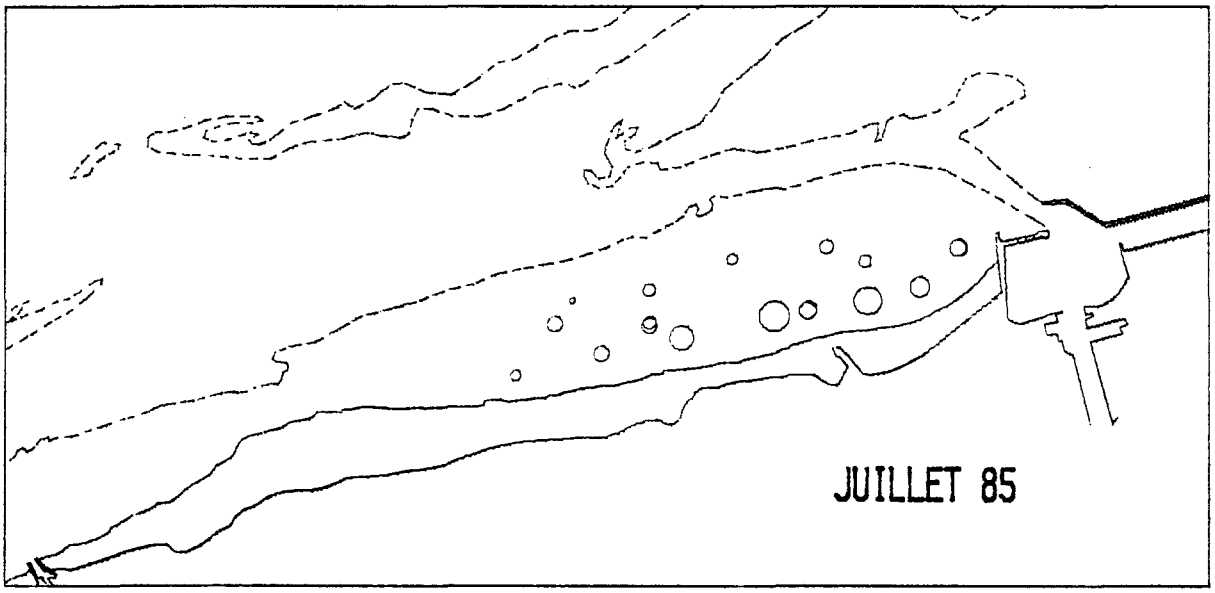
MERLAN GROUPE 1+



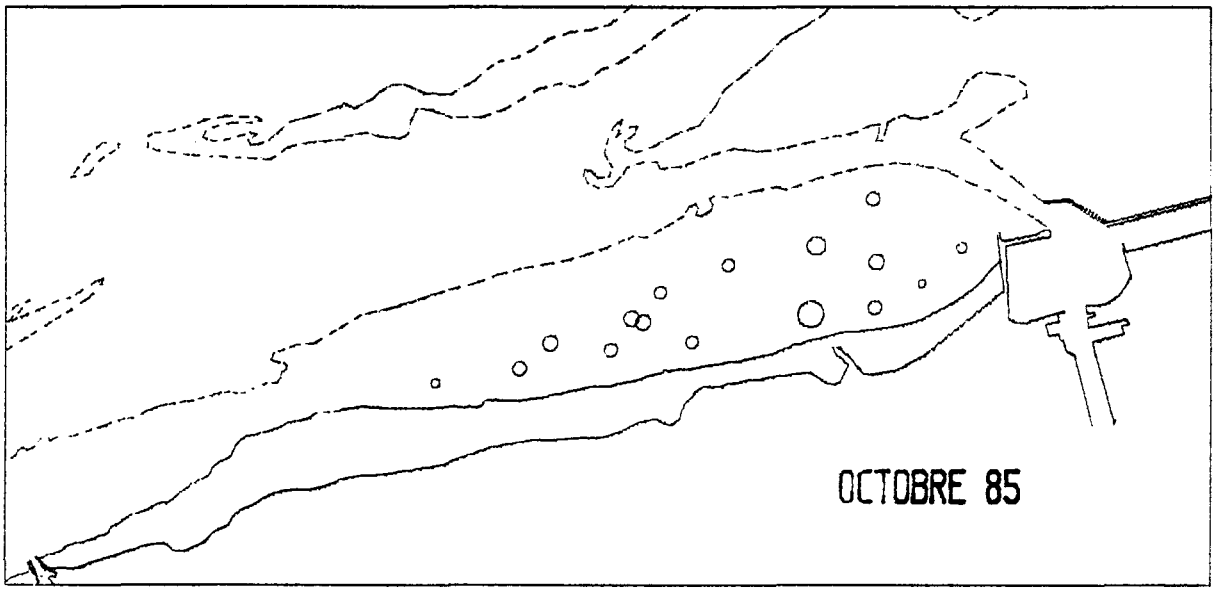


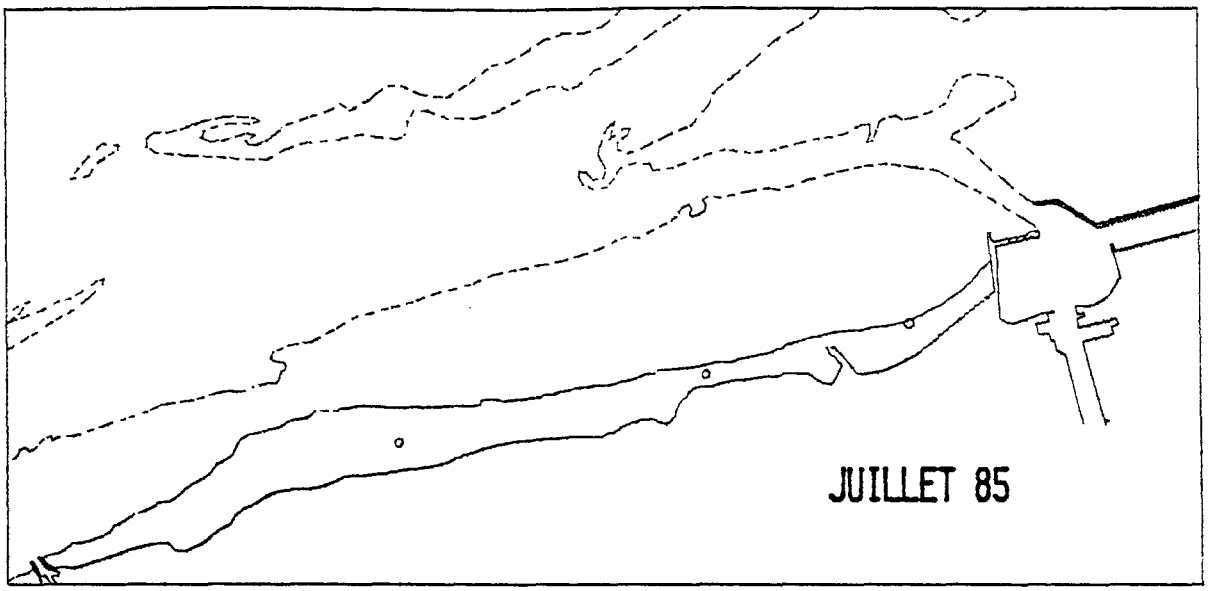
MERLAN TOTAL



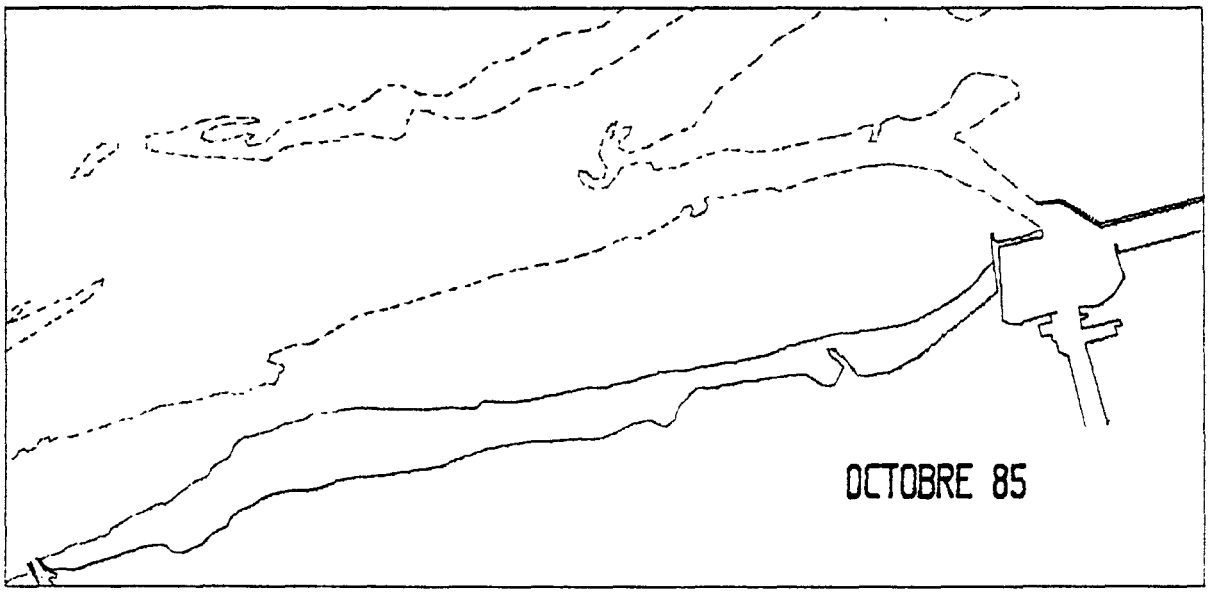


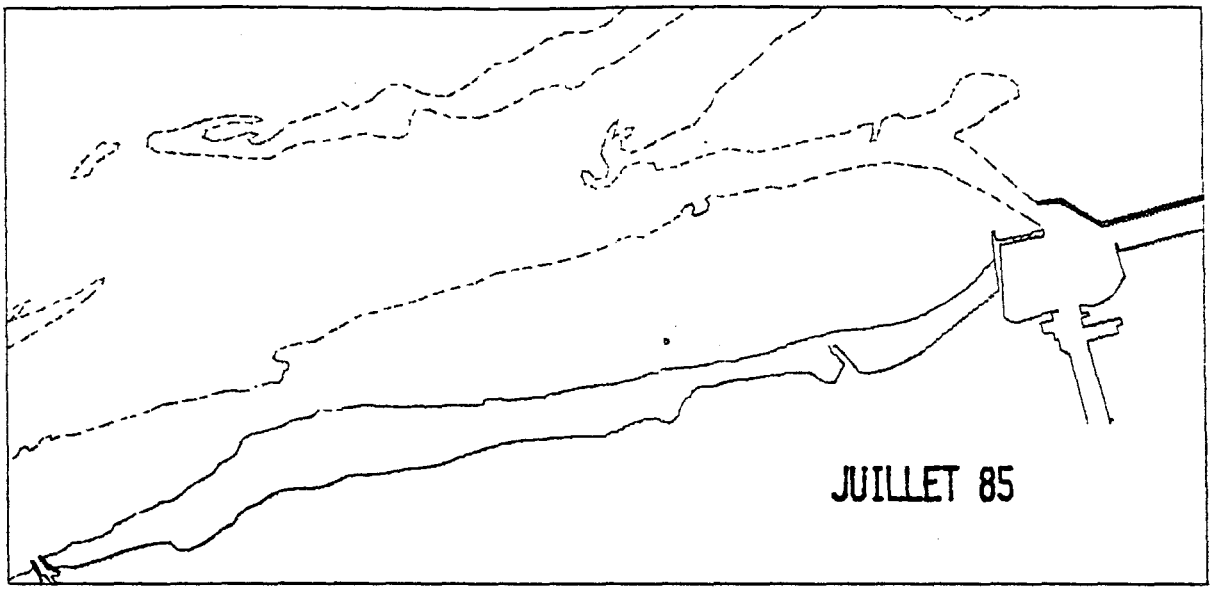
TACAUD TOTAL (=GROUPE Ø)



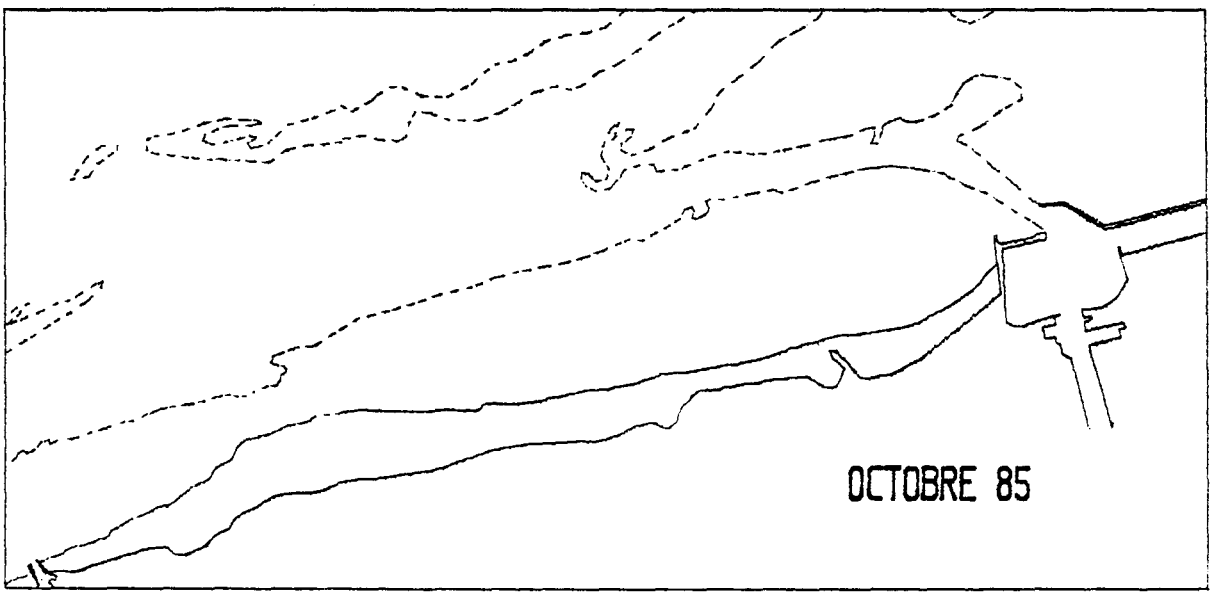


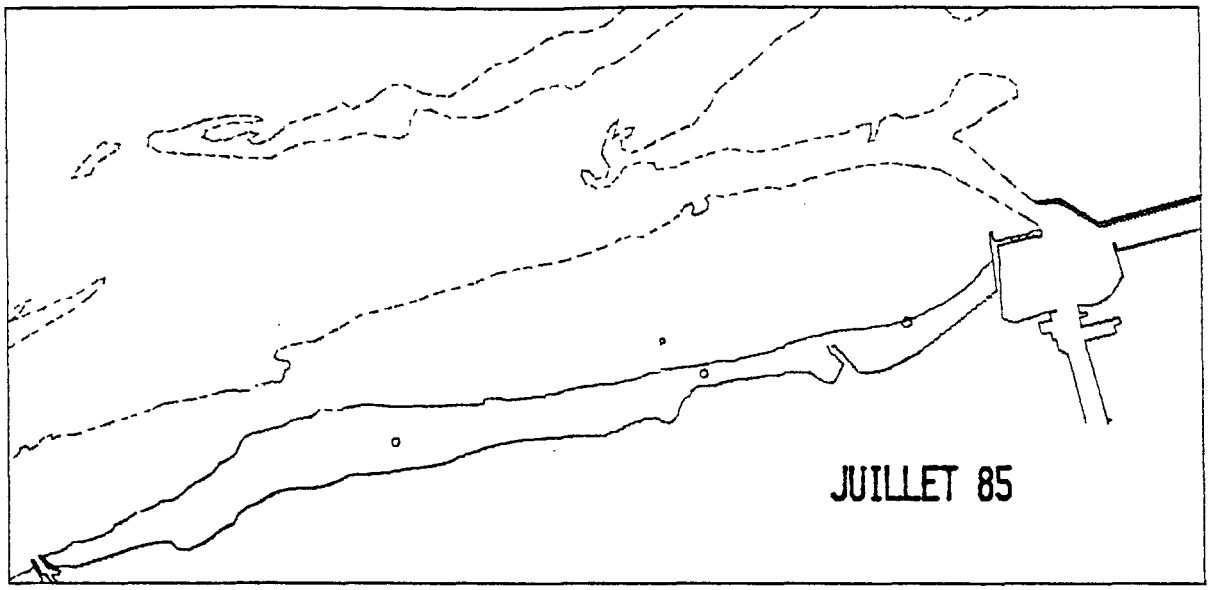
SPRAT GROUPE Ø



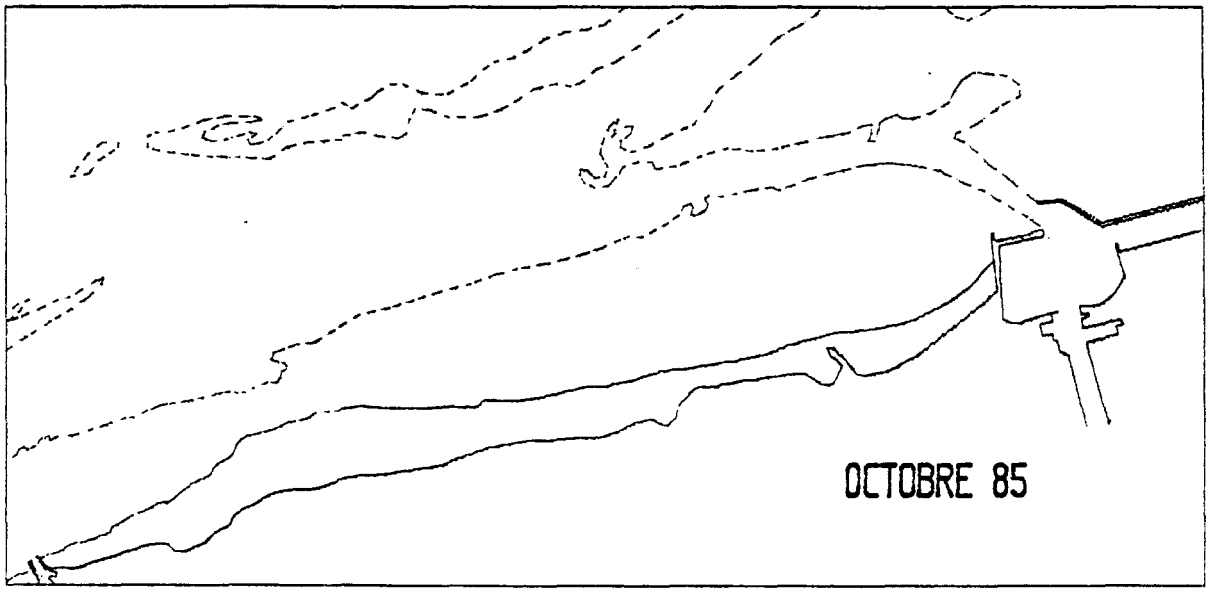


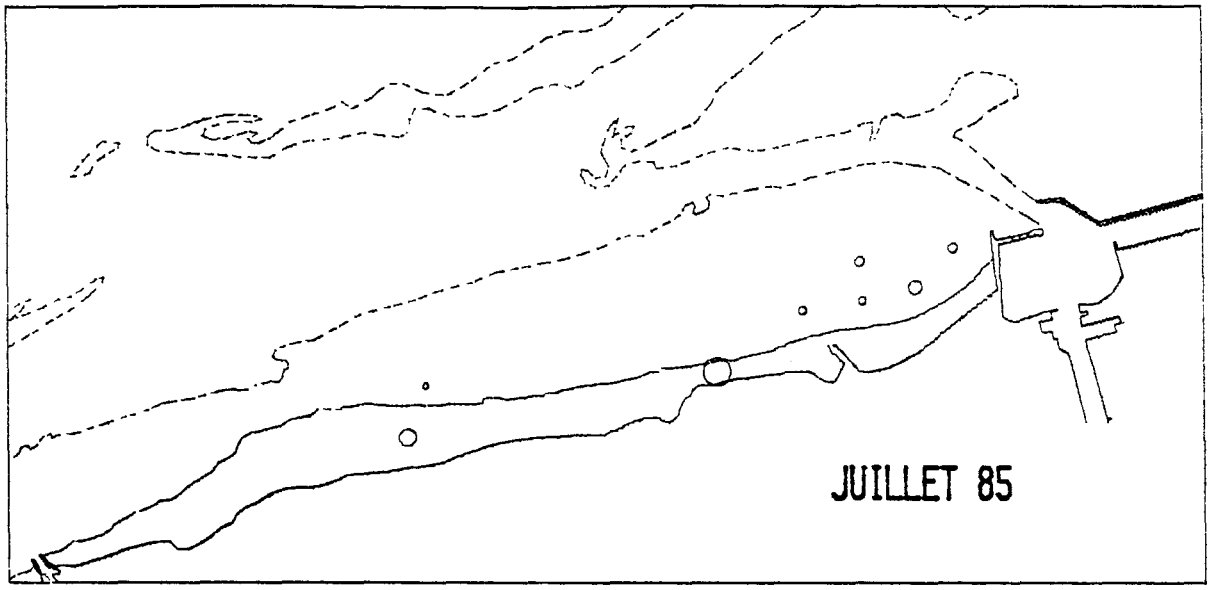
SPRAT GROUPE 1+



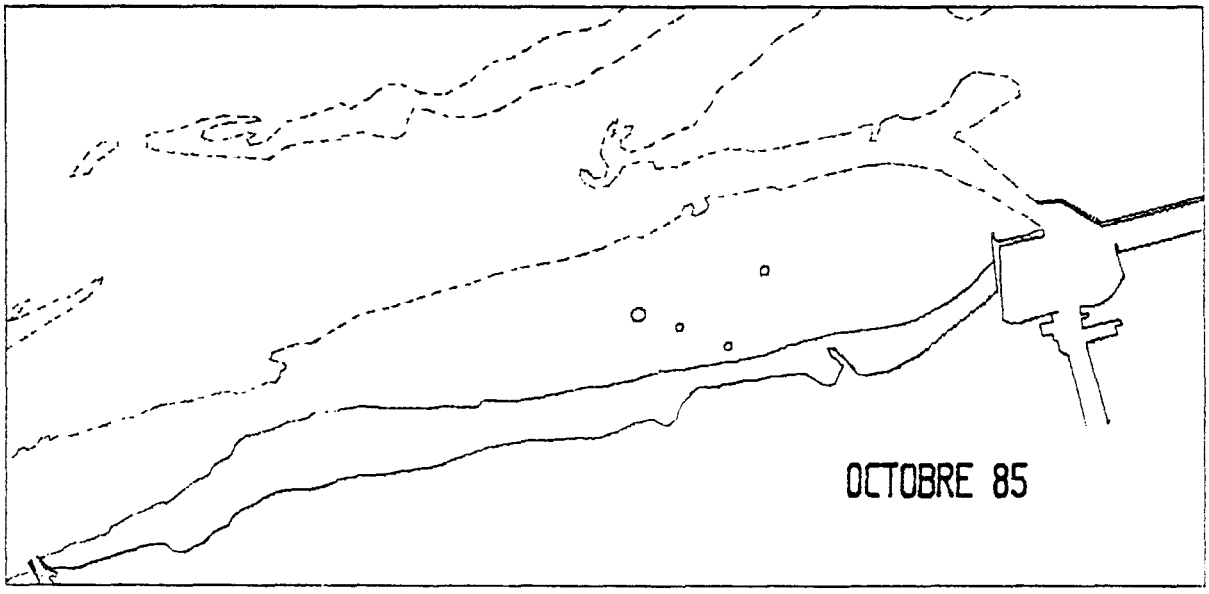


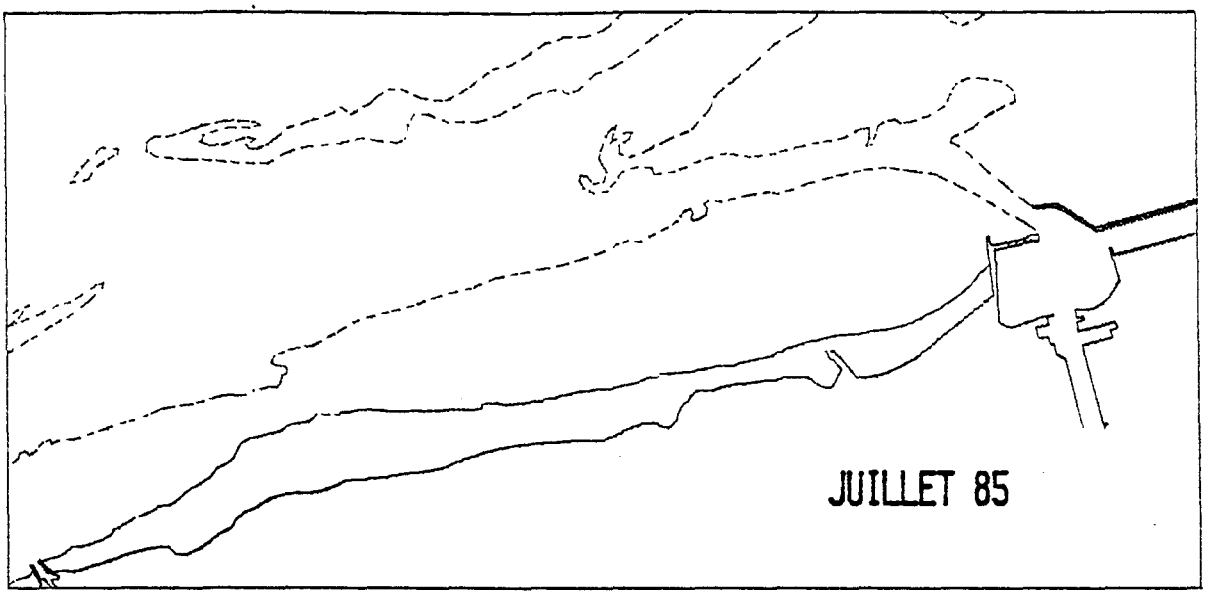
SPRAT TOTAL





HARENG GROUPE 1





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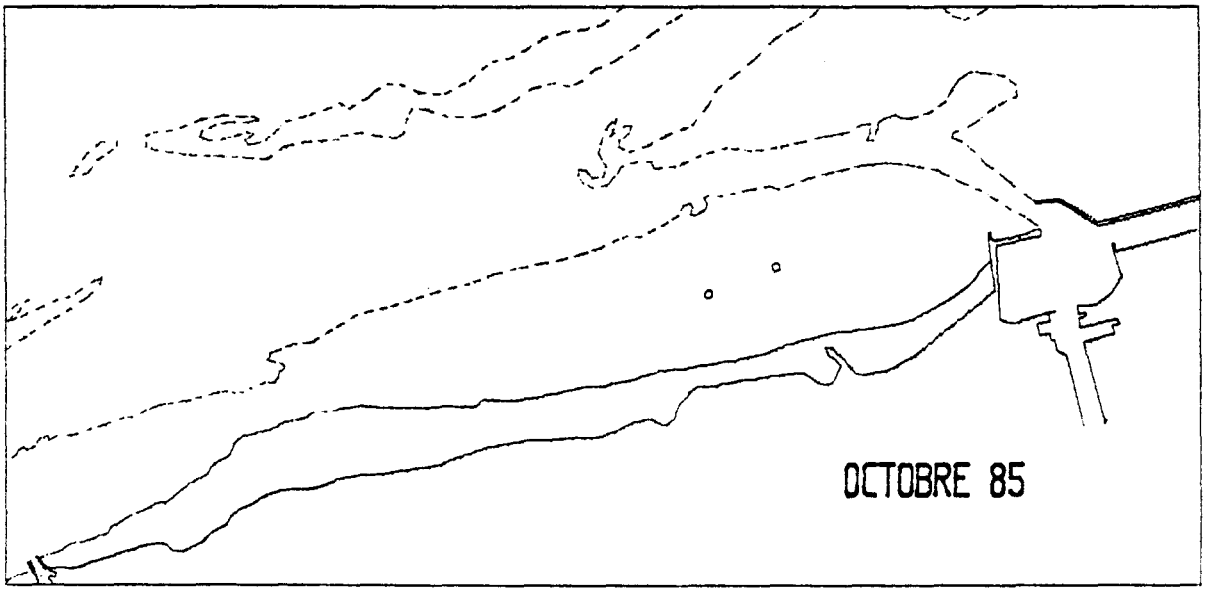
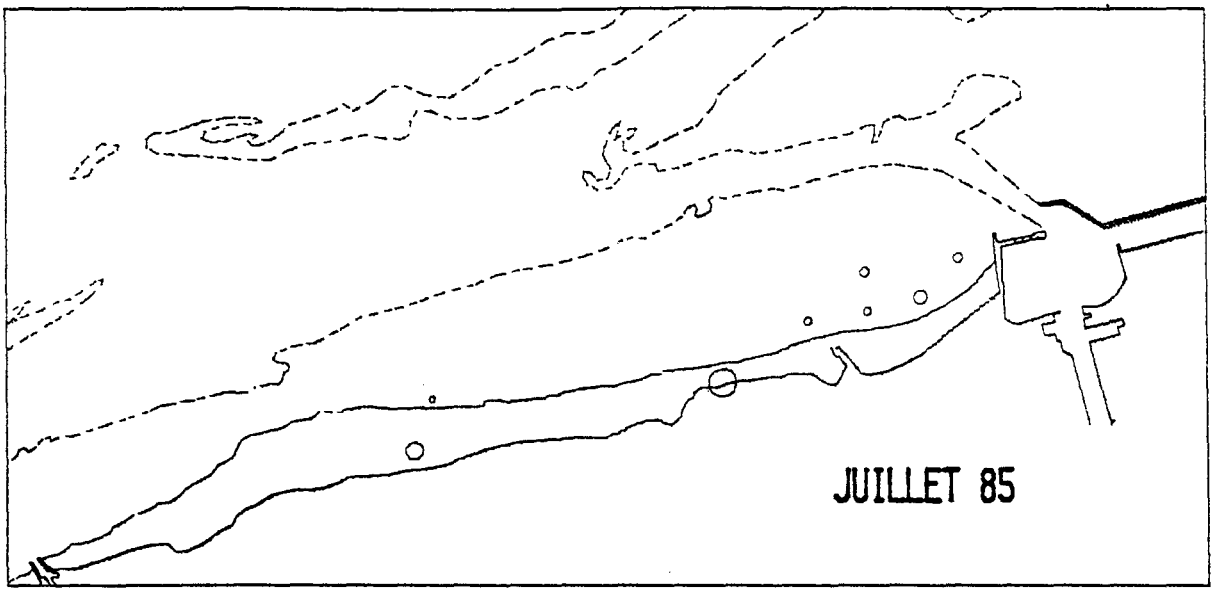
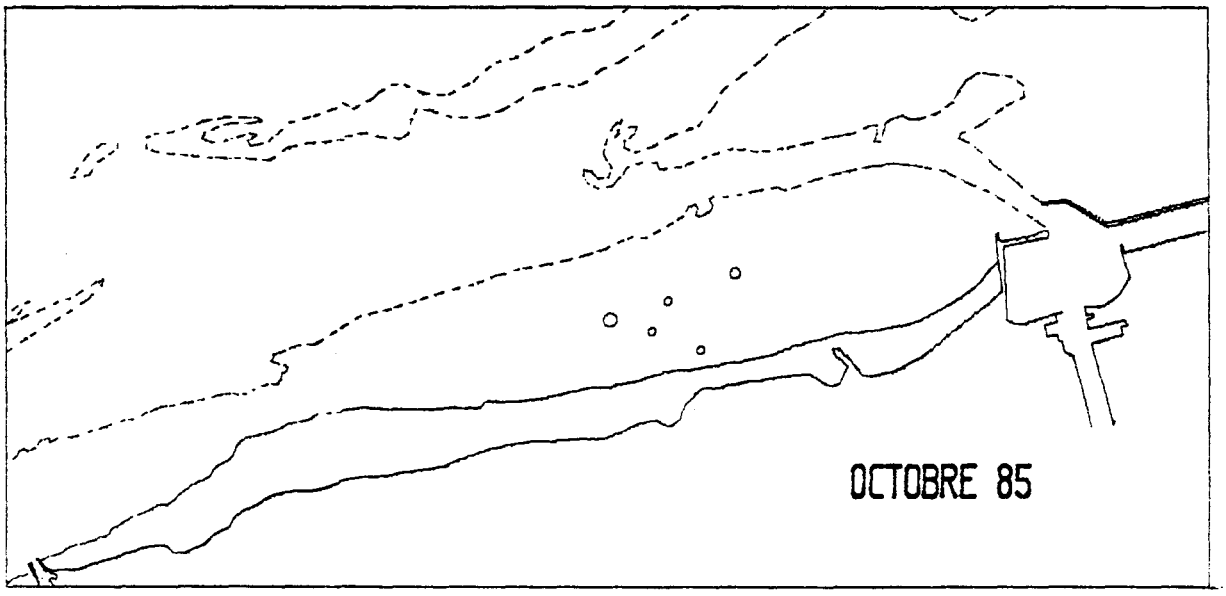
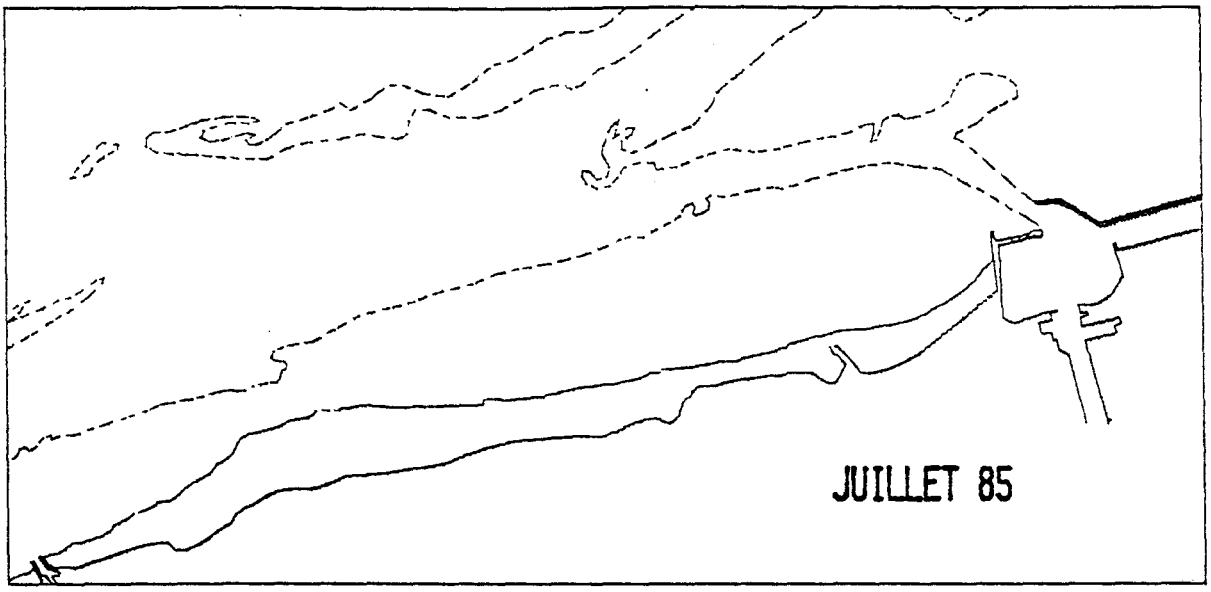


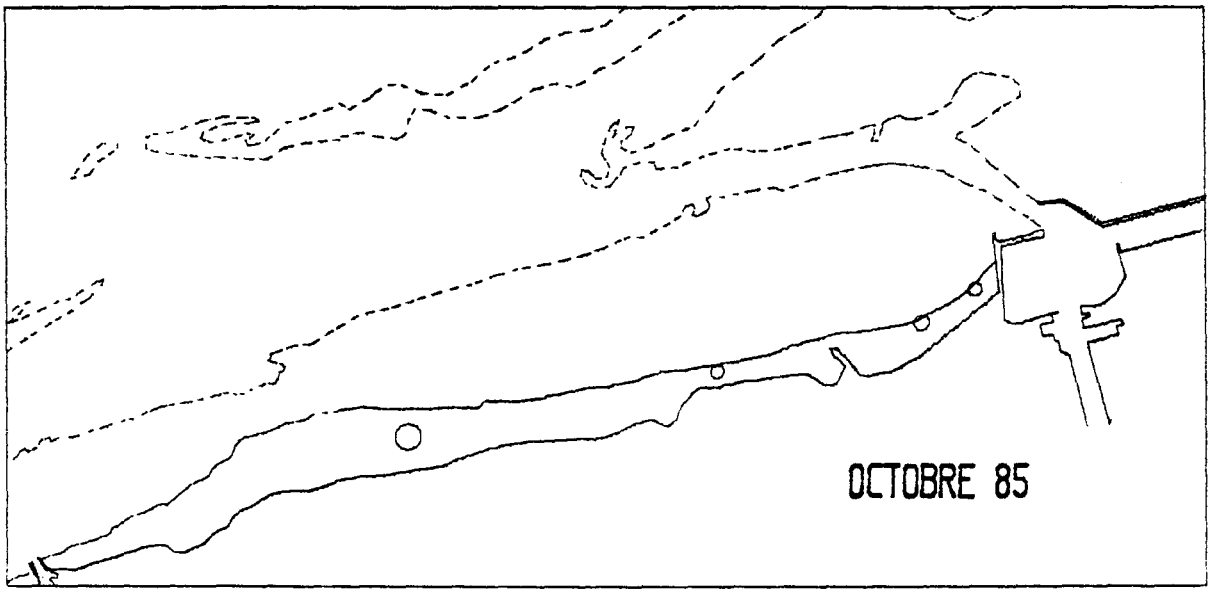


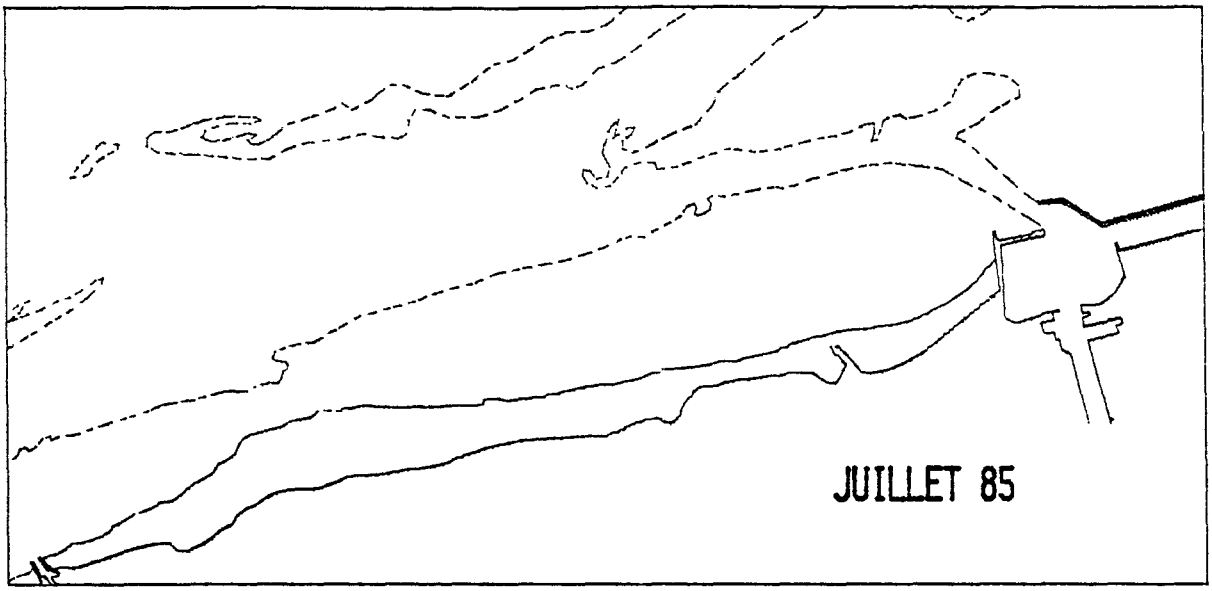
HARENG TOTAL



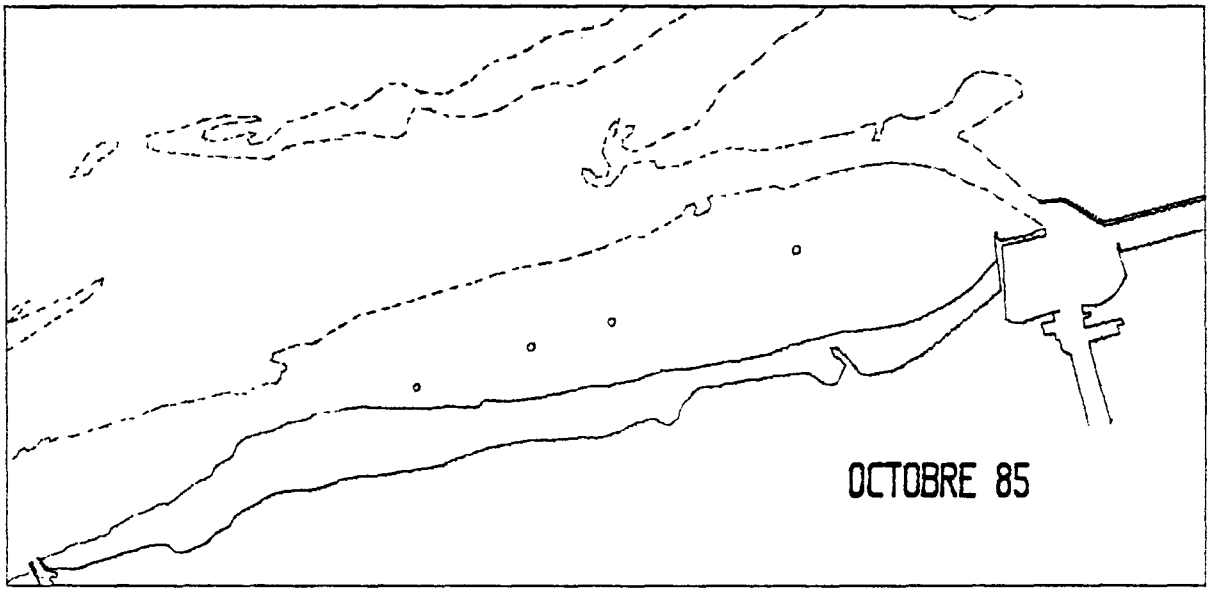


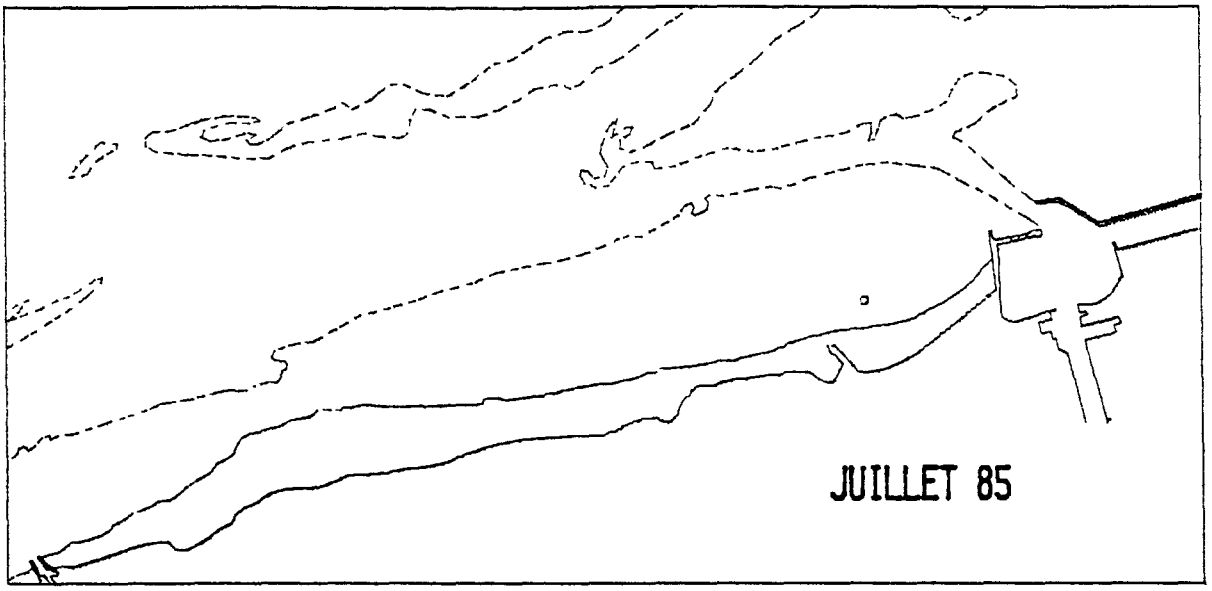
BAR TOTAL (=GROUPE Ø)



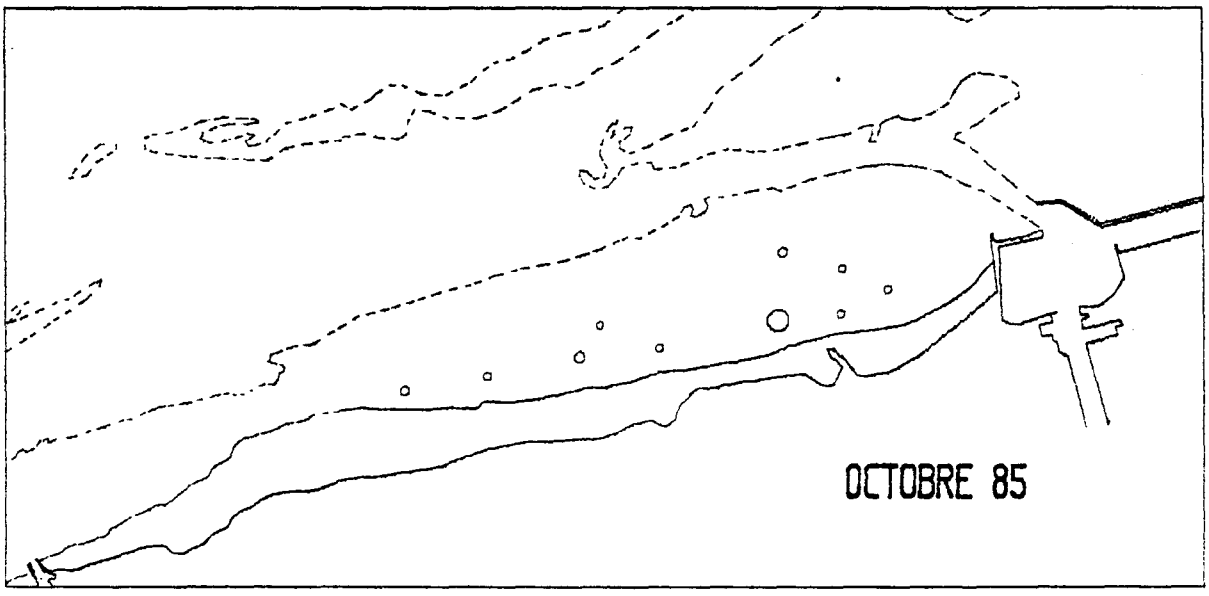


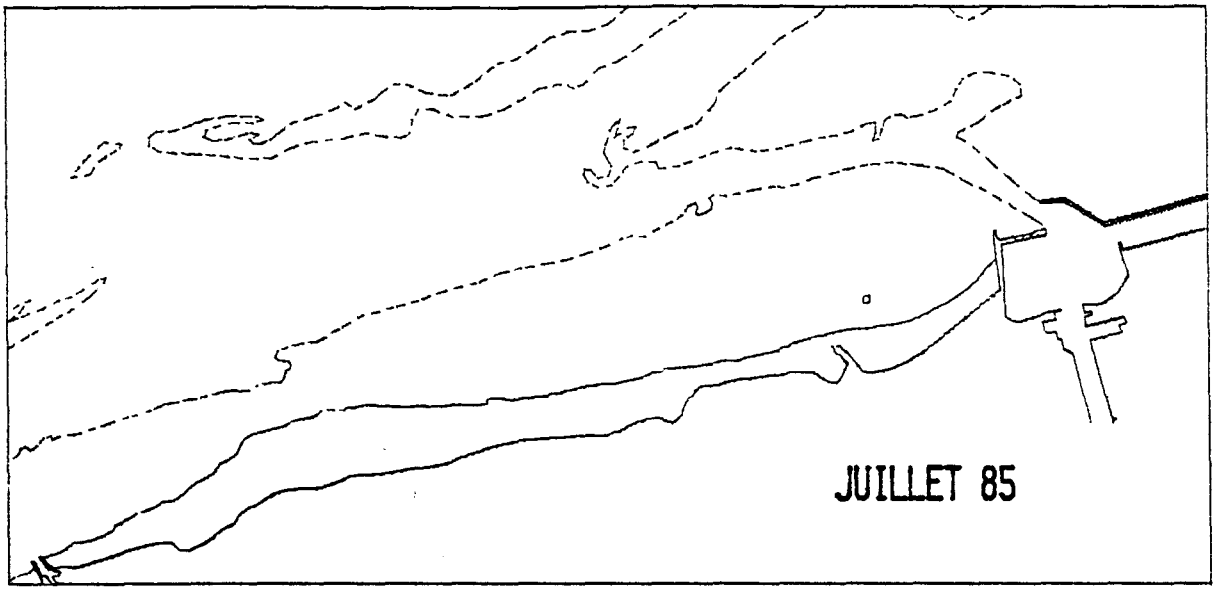
GRONDIN PERLON GROUPE Ø



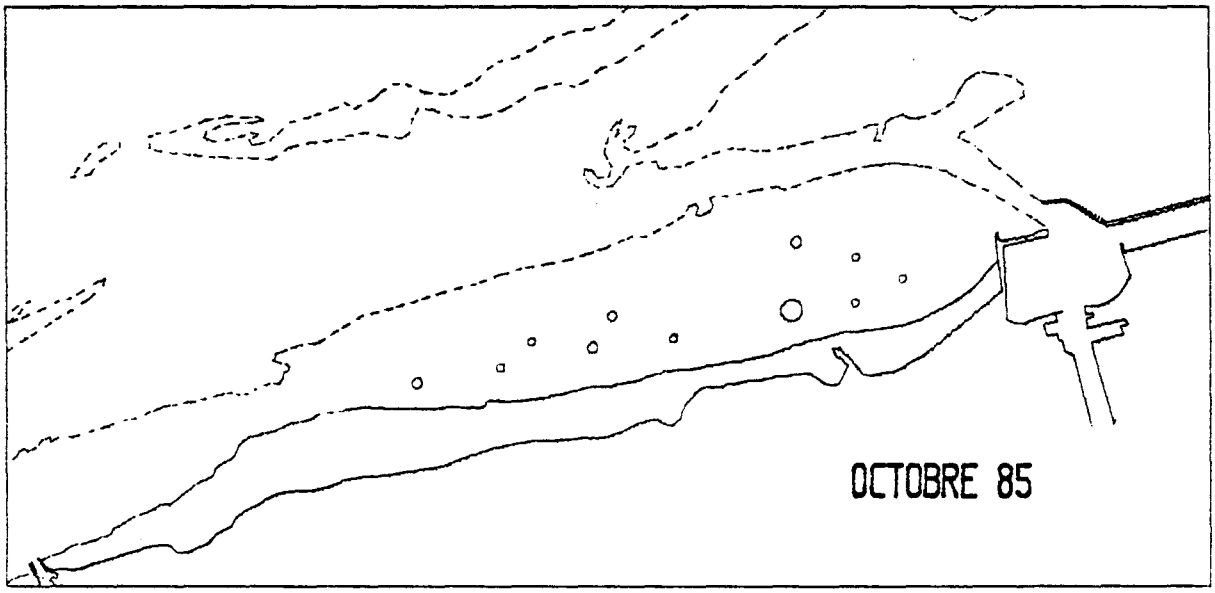


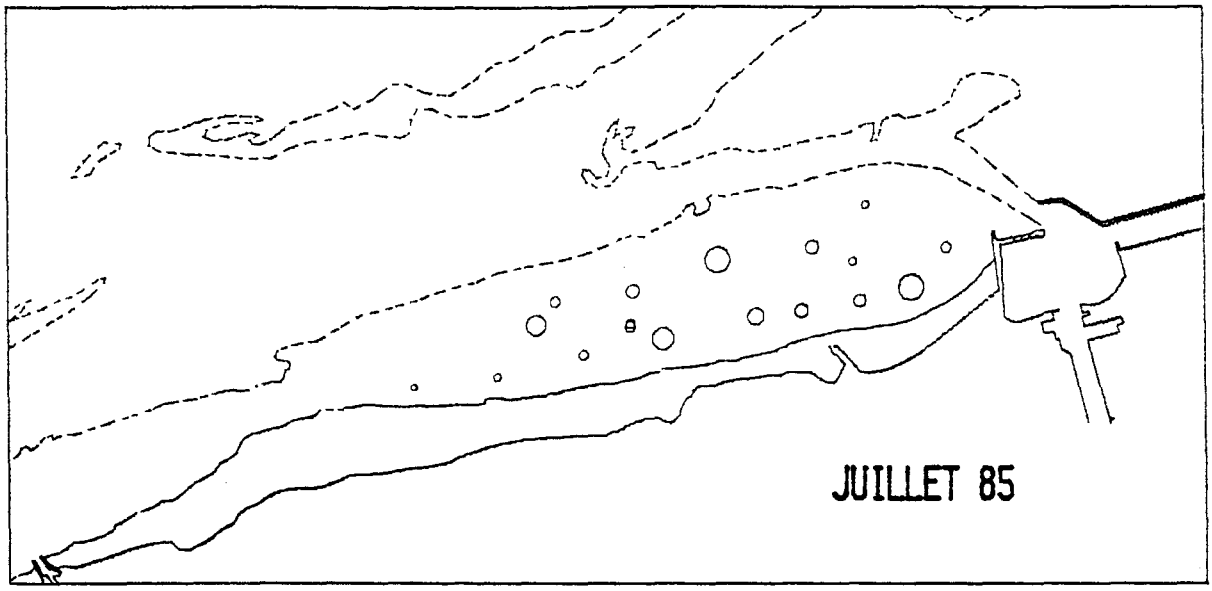
GRONDIN PERLON GROUPE 1+



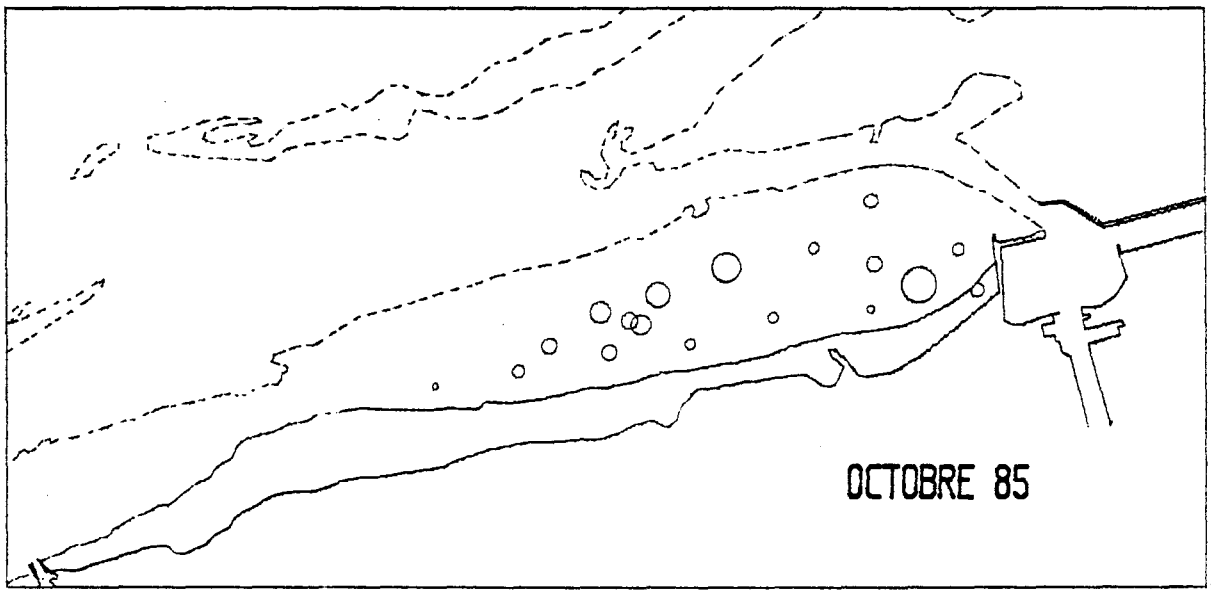


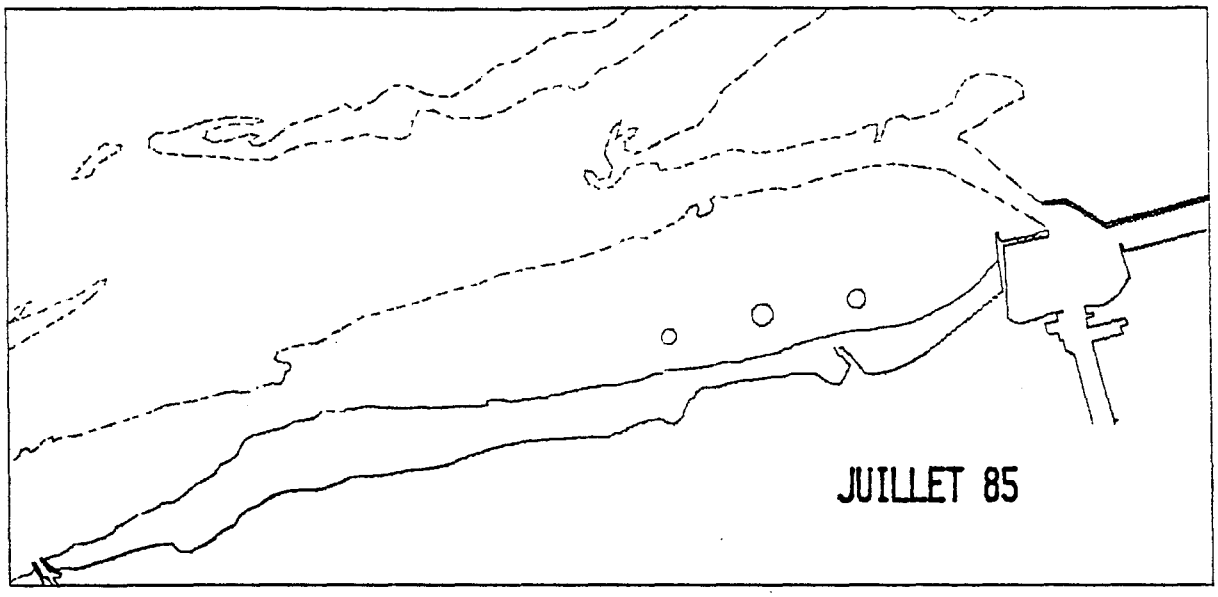
GRONDIN PERLON TOTAL



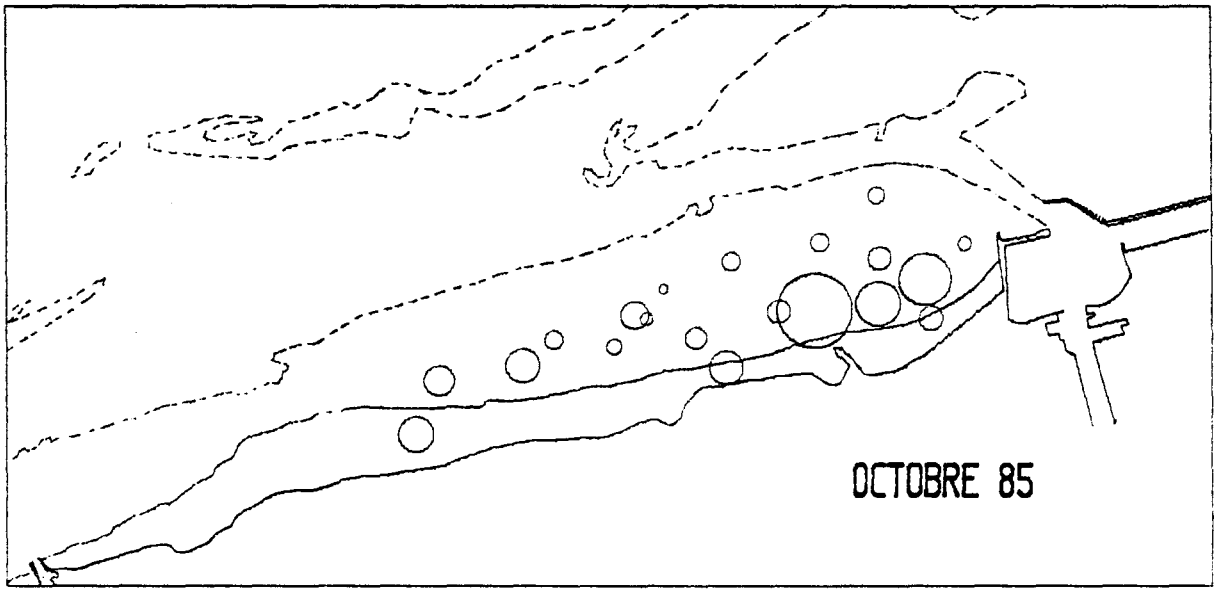


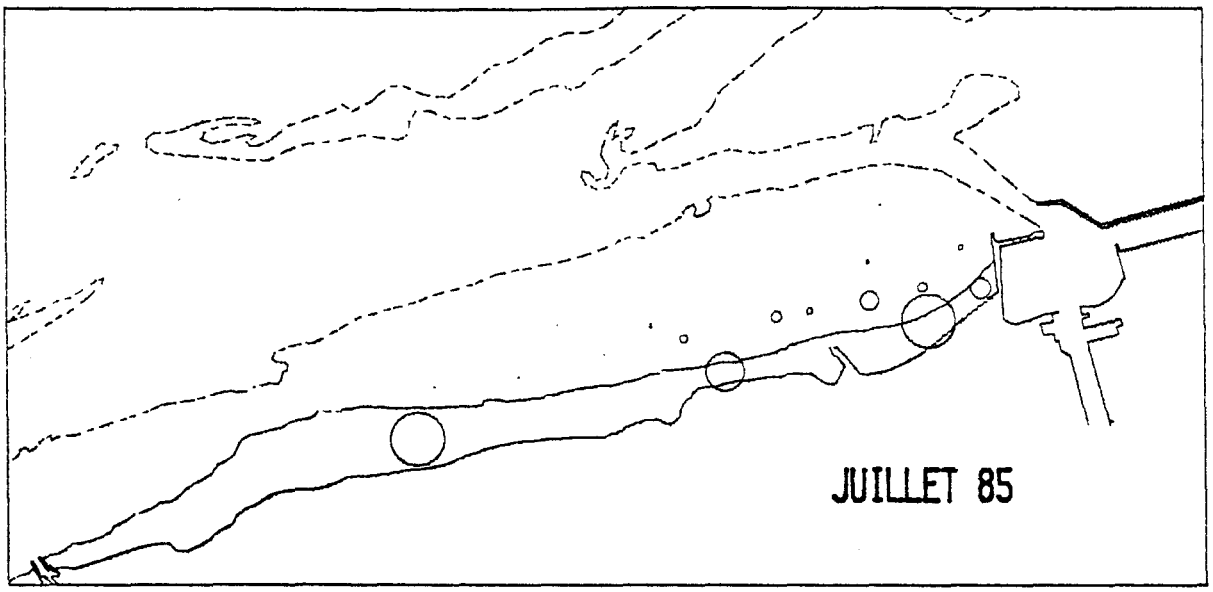
DRAGONNET TOTAL



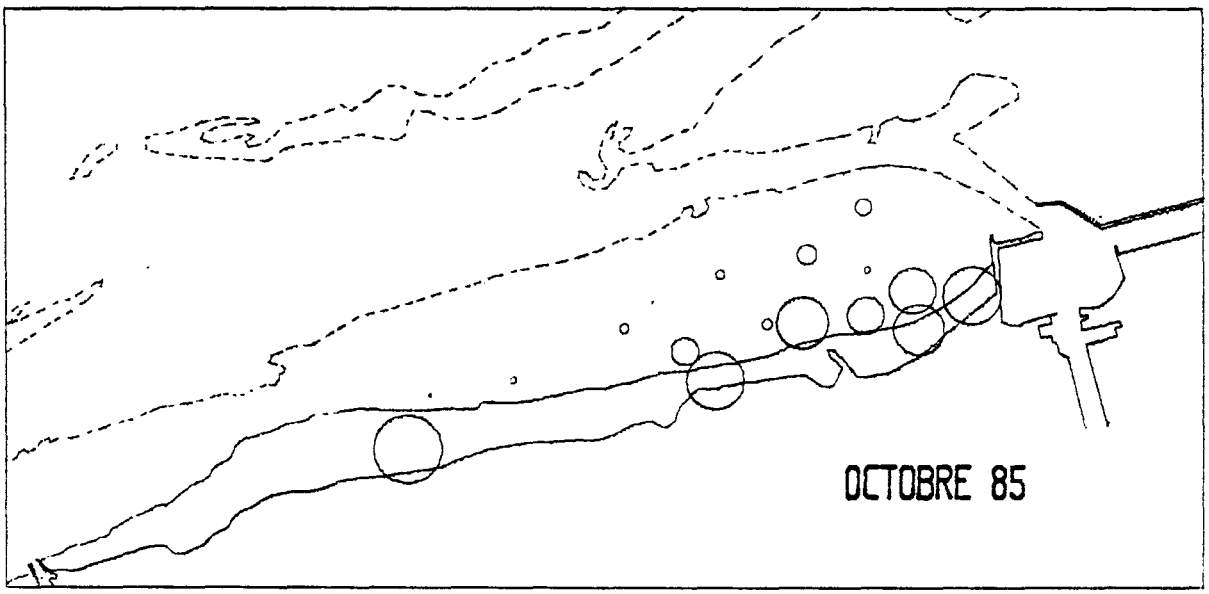


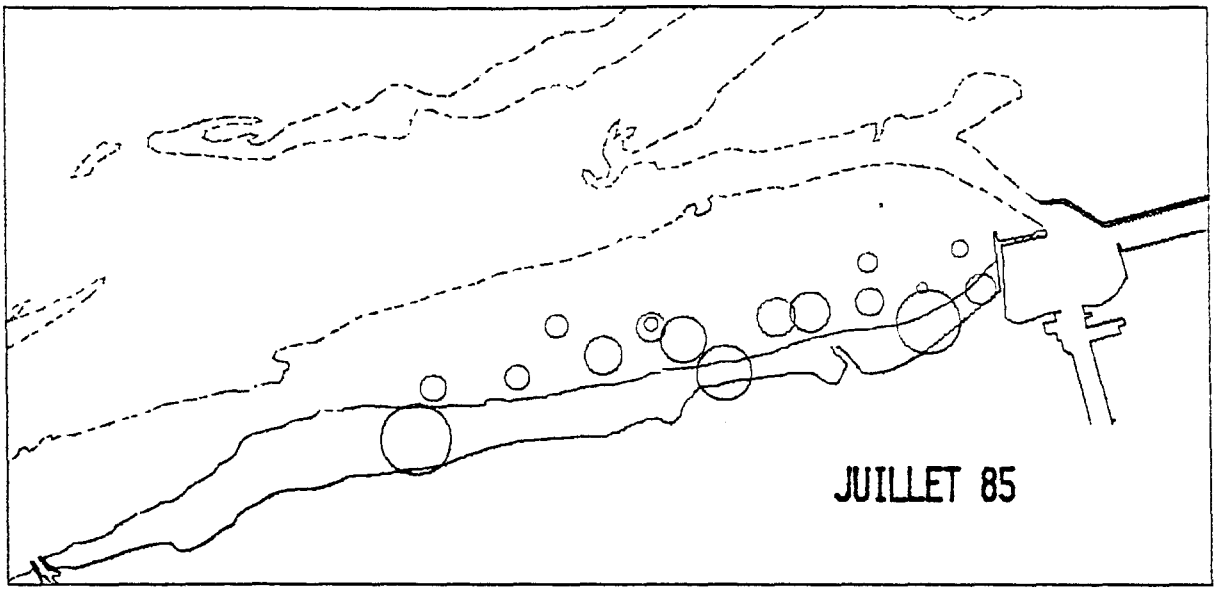
GOBIE TOTAL



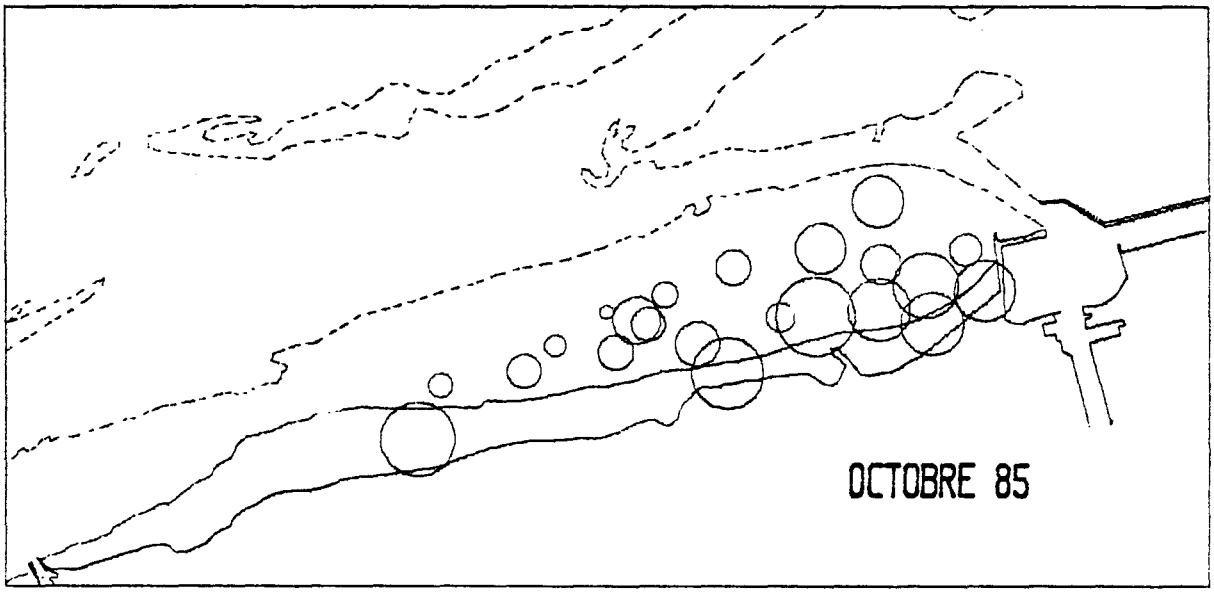


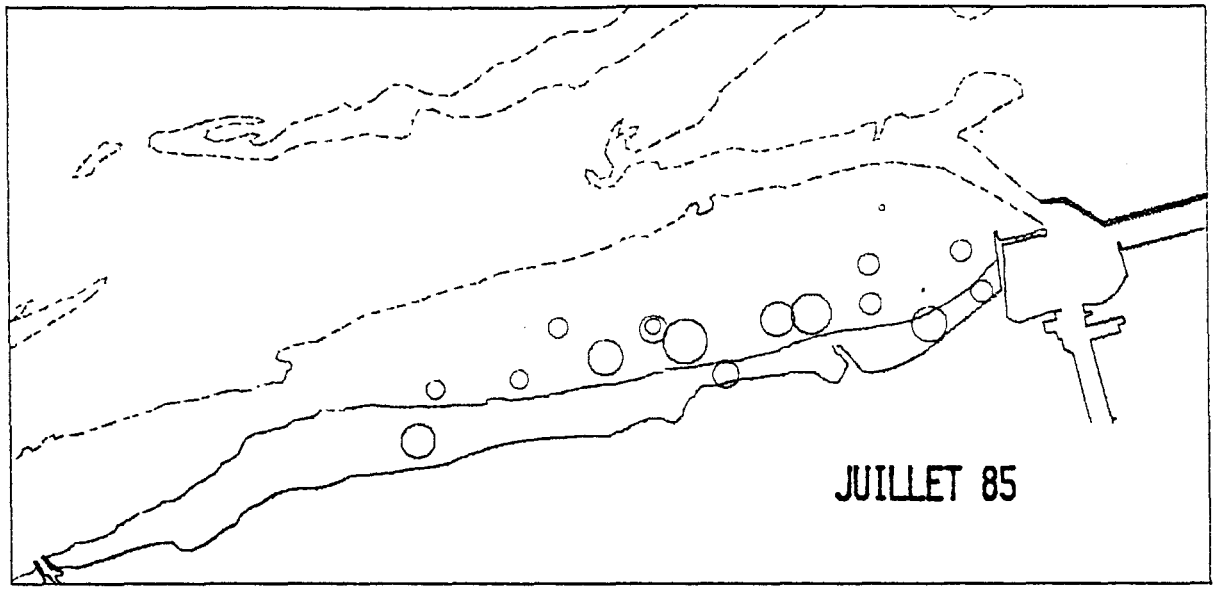
CREVETTE GRISE Ø-24mm



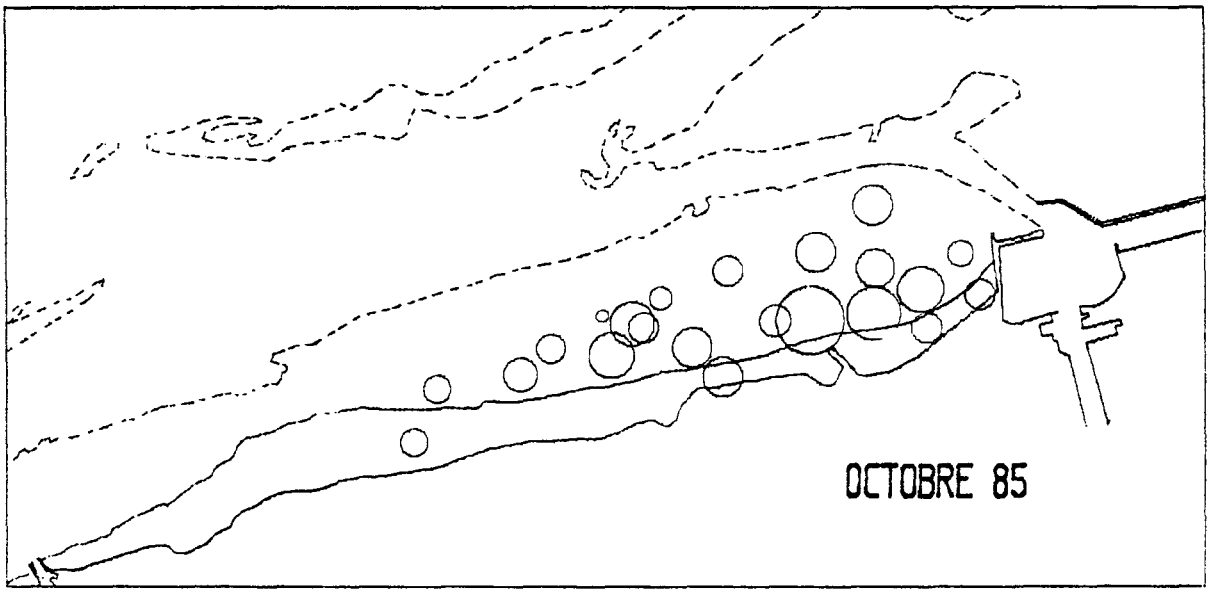


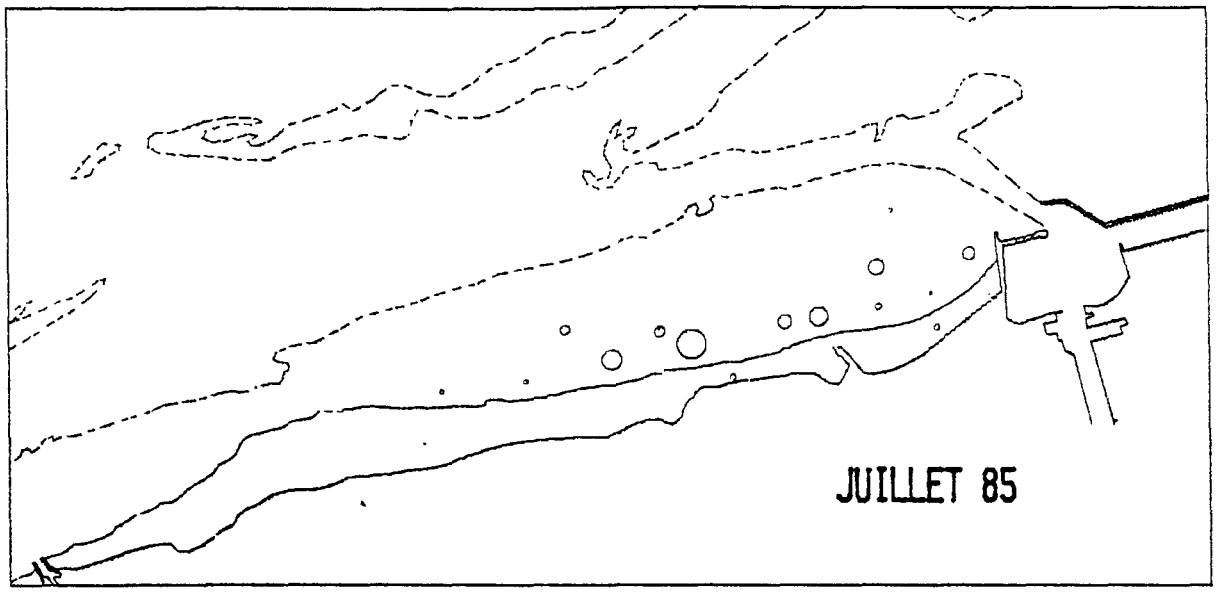
CREVETTE GRISE 25-44mm



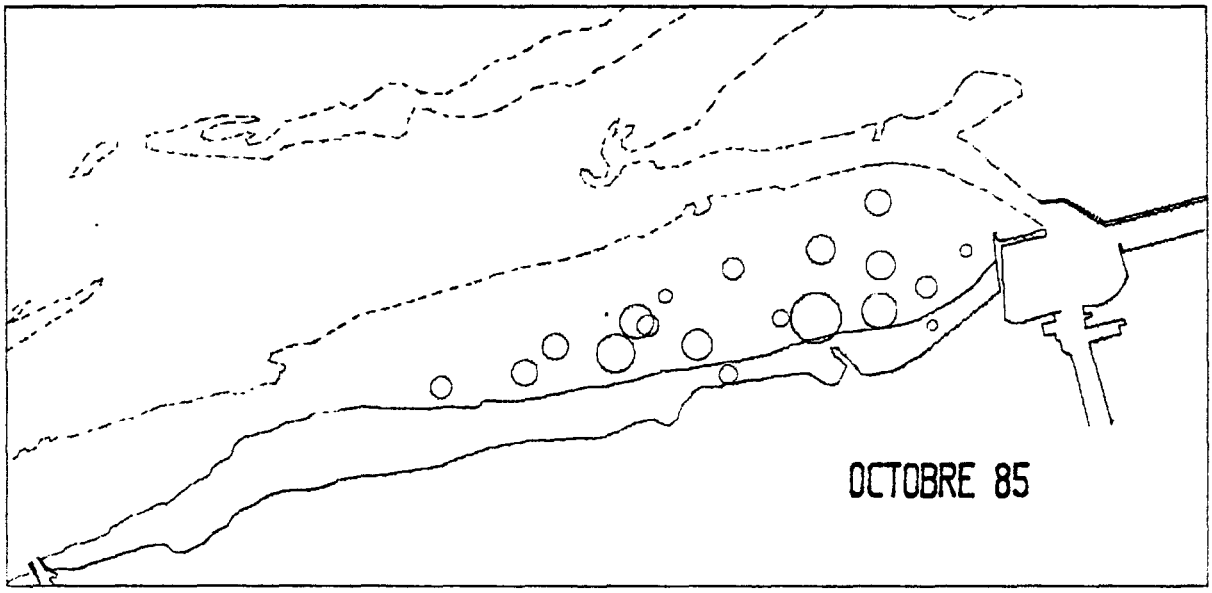


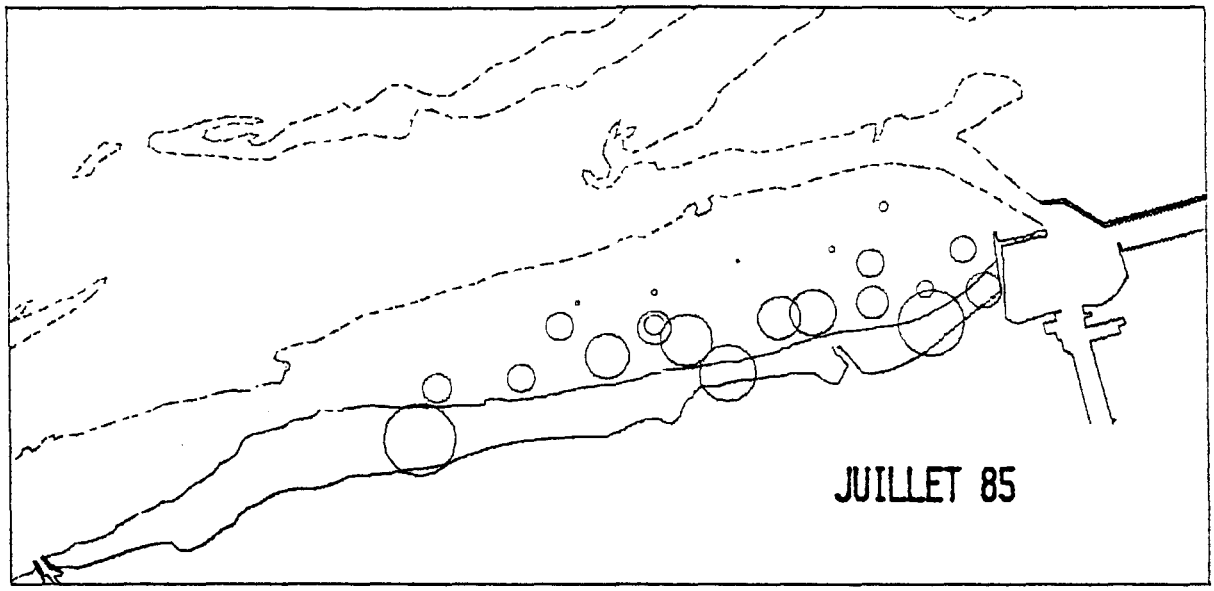
CREVETTE GRISE 45-56mm



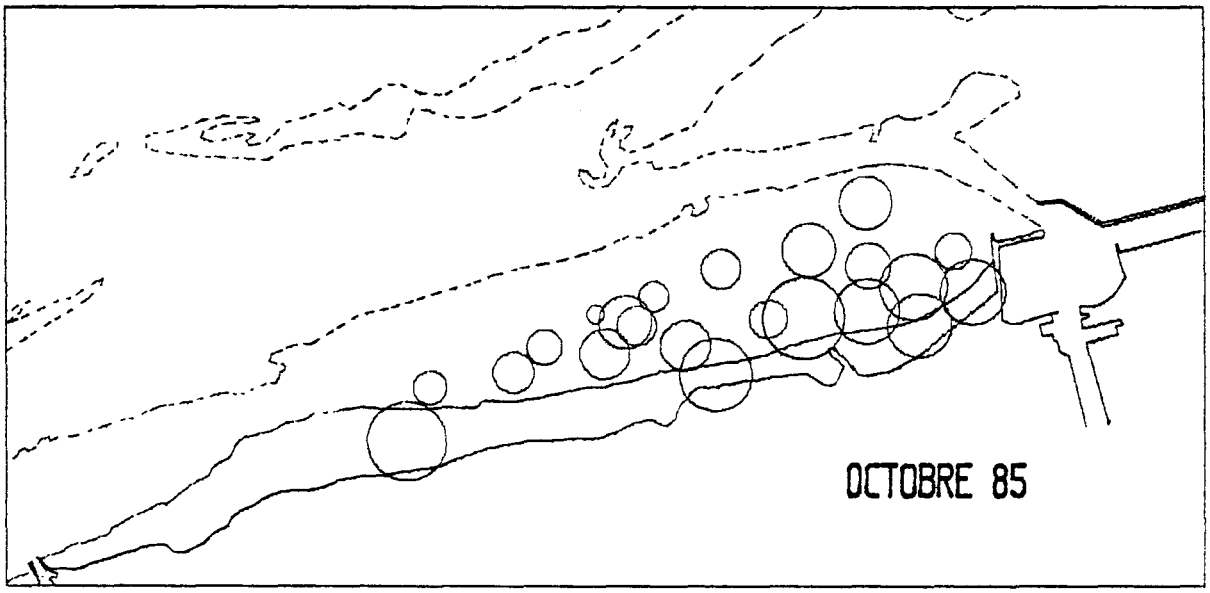


CREVETTE GRISE >56mm





CREVETTE GRISE TOTAL



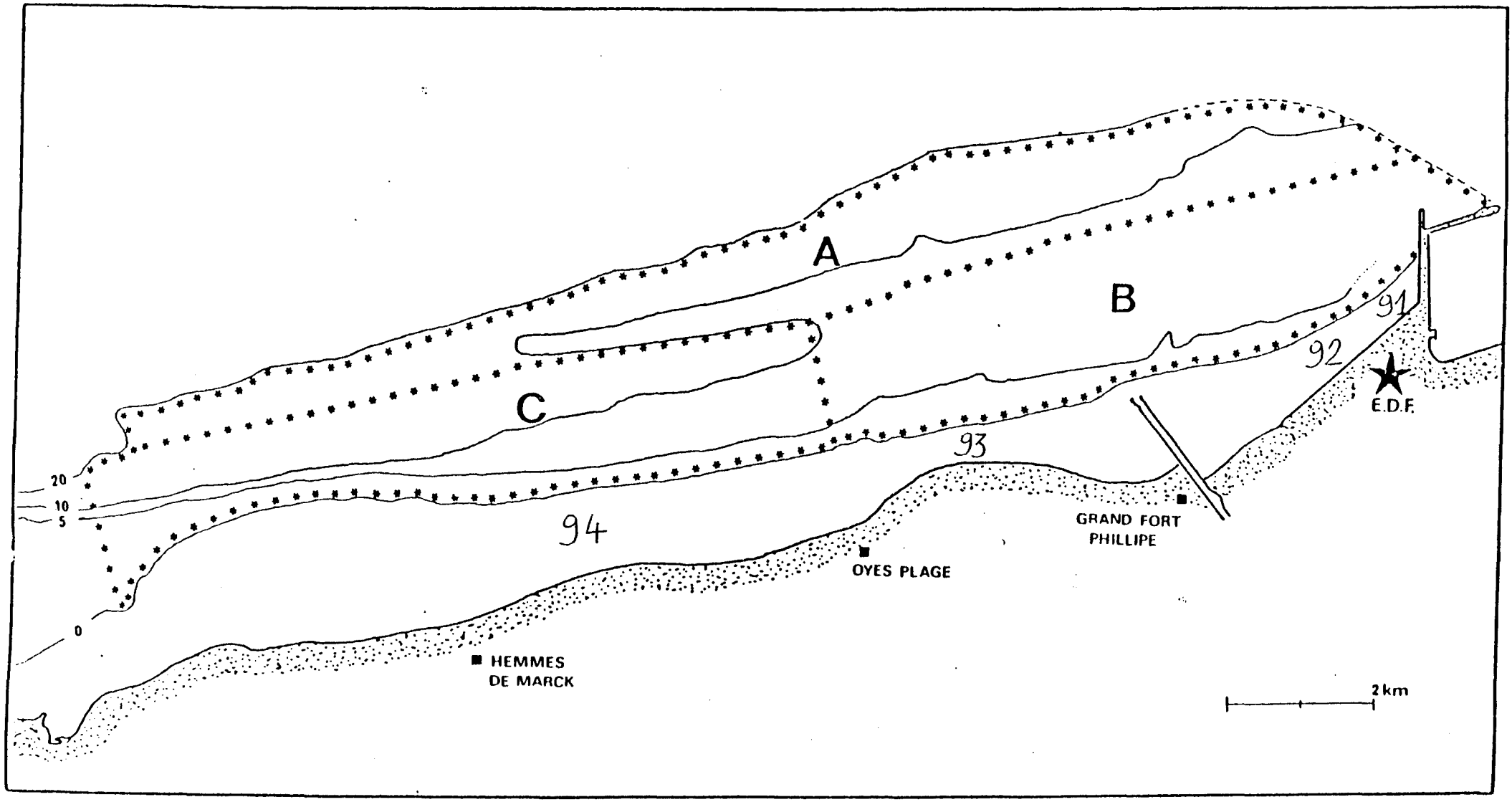
ANNEXE 3

ABONDANCES PAR ZONES

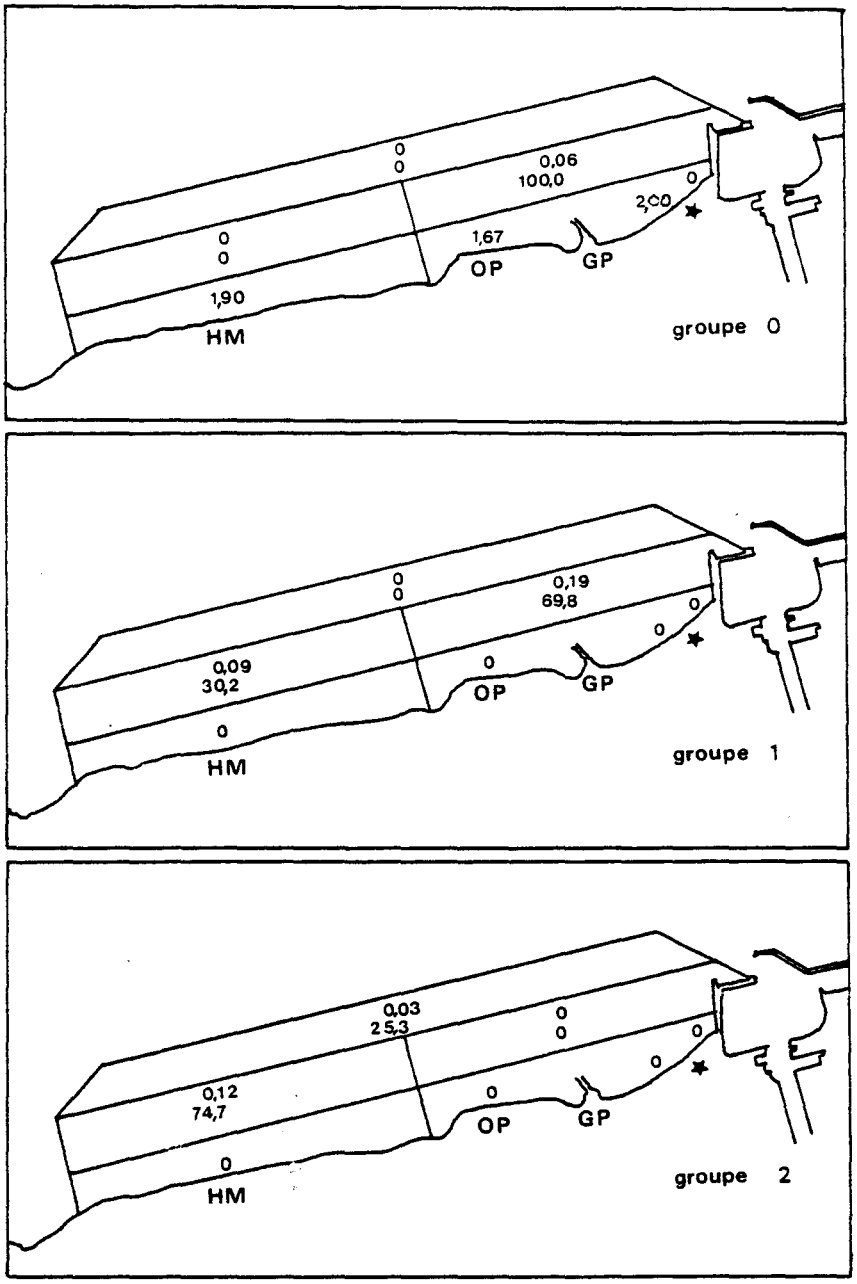
LEGENDES :

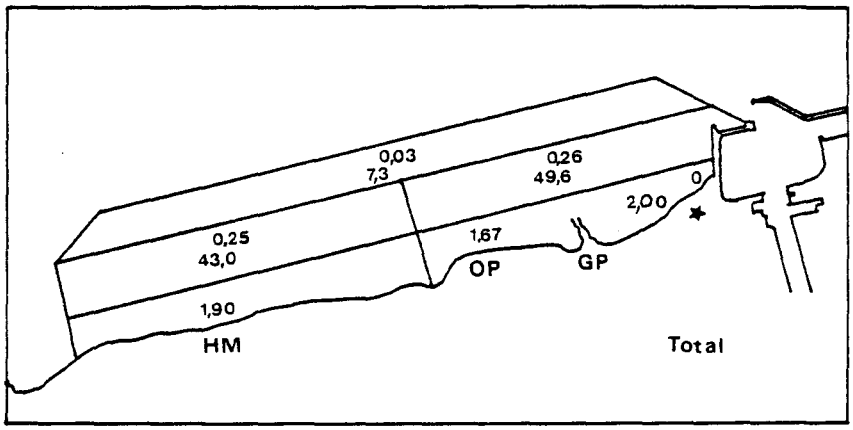
. point supérieur : densité moyenne par zone

. point inférieur : participation de chacune de ces zones à la production globale du secteur (%)

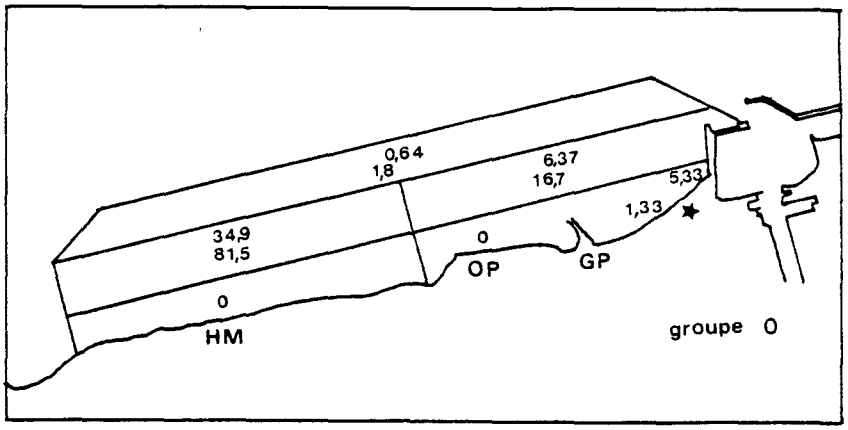


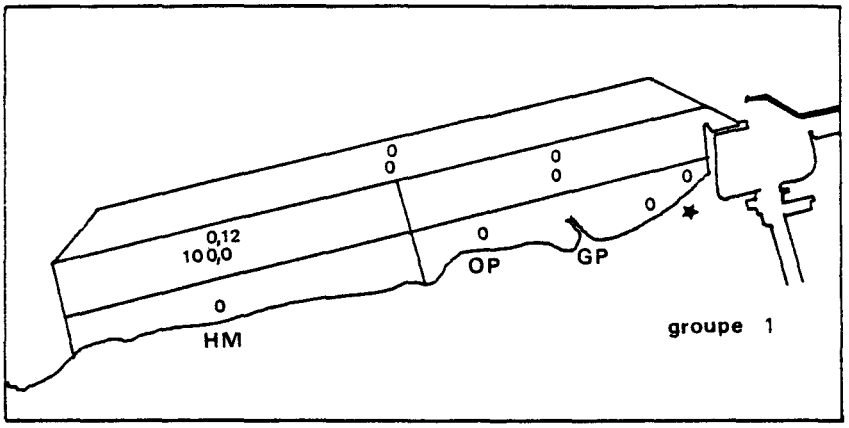
Zones définies pour les estimations d'abondance (secteur subtidal).

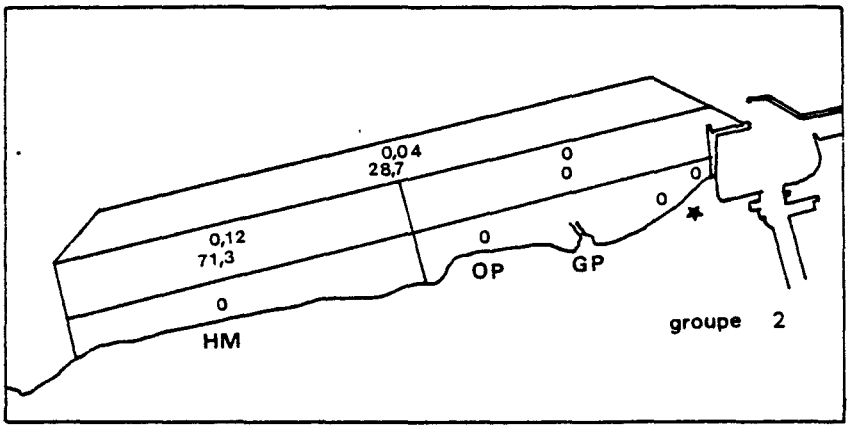


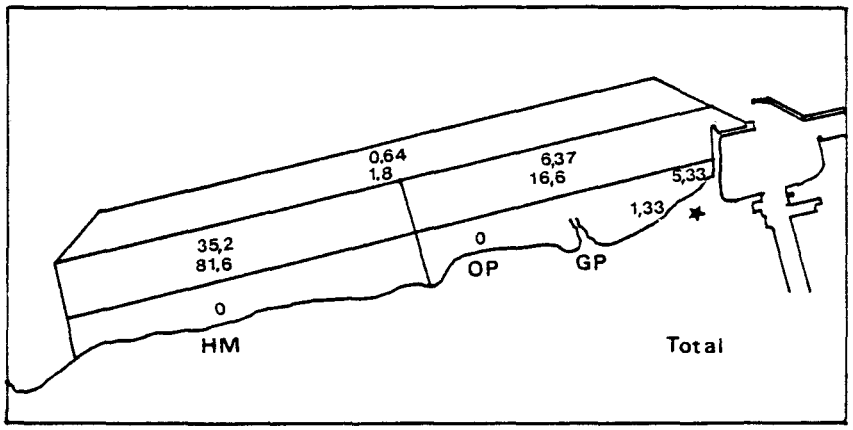


SOLE JUILLET 1985 : densités moyennes par zone.
(nbre d'individus / 1000 mètres carrés).

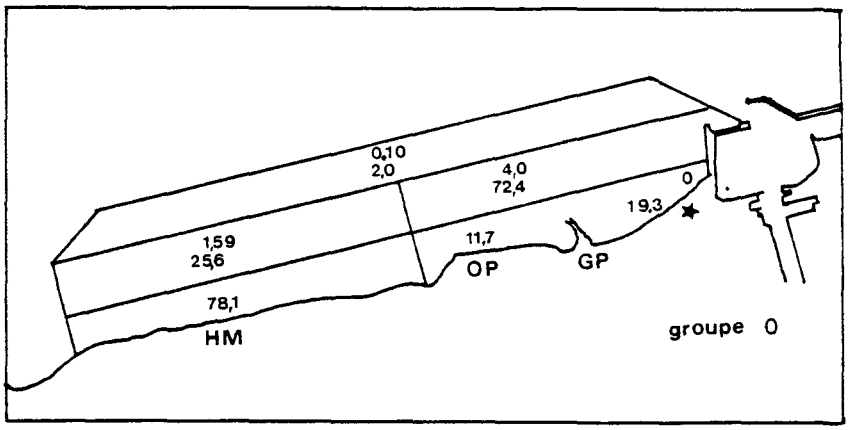


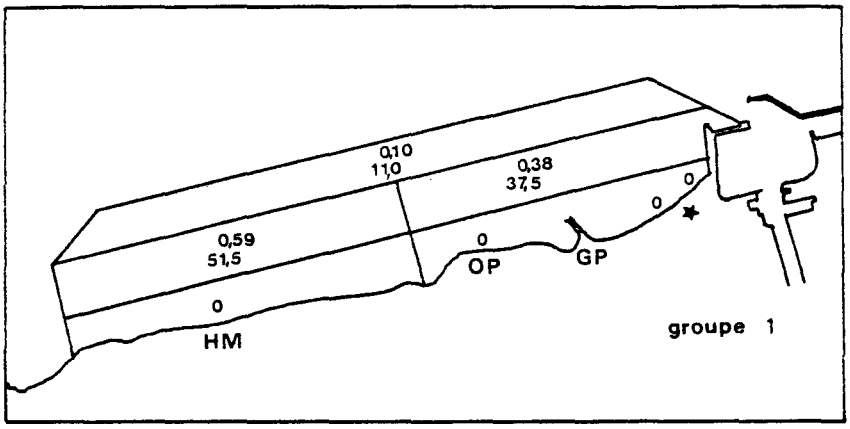


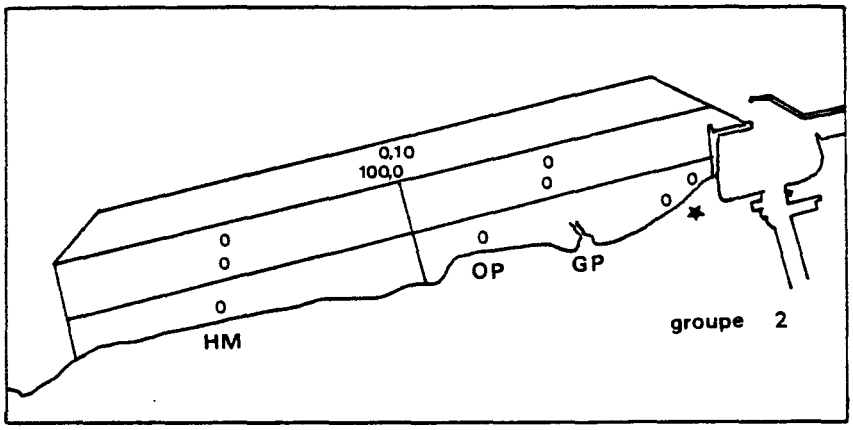


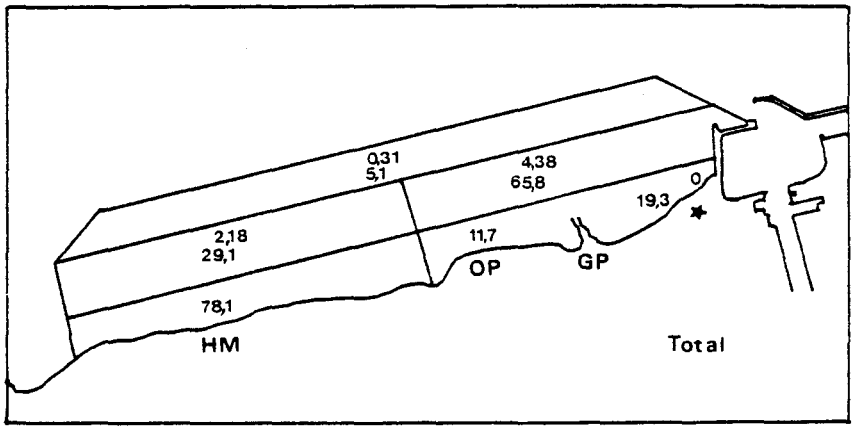


SOLE OCTOBRE 1985 : densités moyennes par zone.
(nbre d'individus / 1000 mètres carrés).

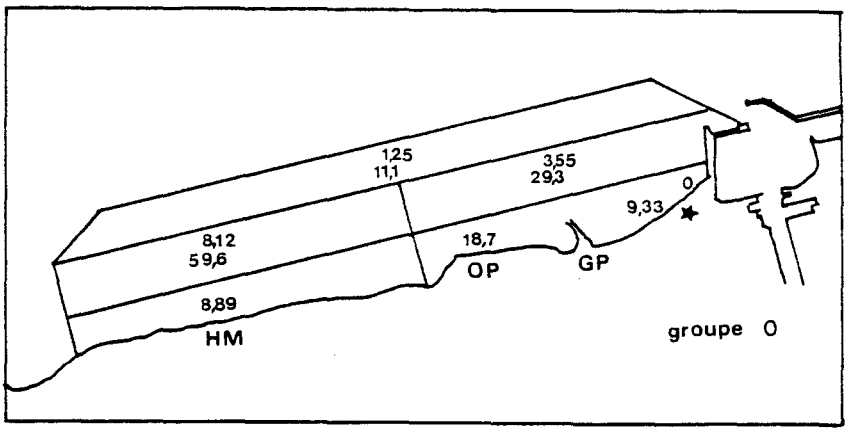


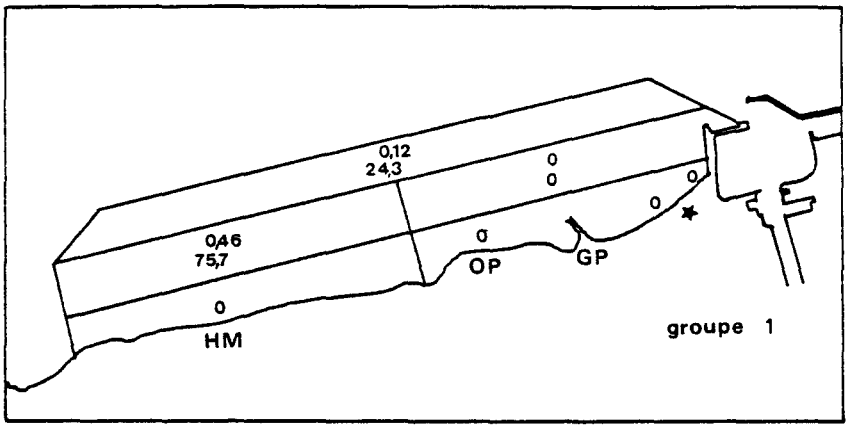


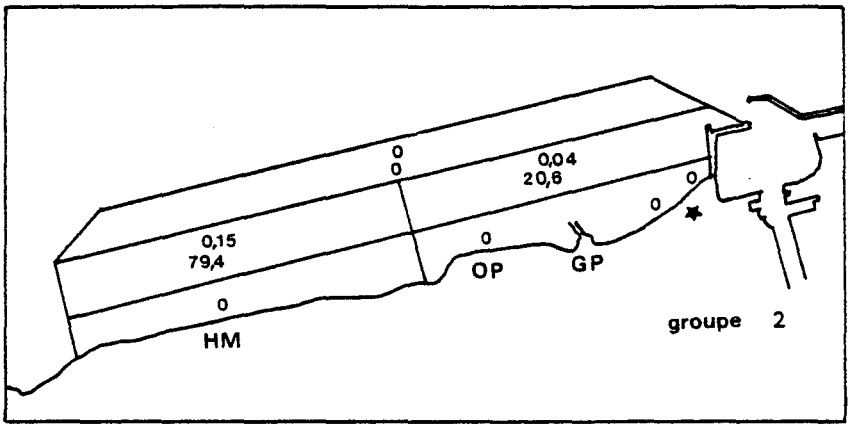


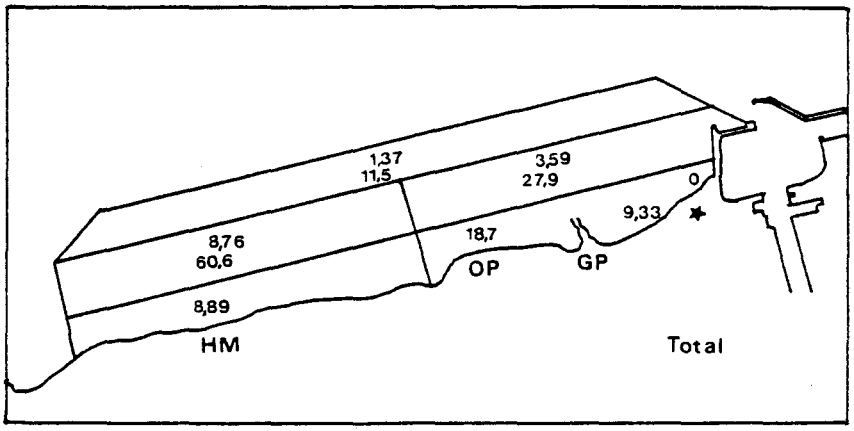


PLIE JUILLET 1985 : densités moyennes par zone.
(nbre d'individus / 1000 mètres carrés).

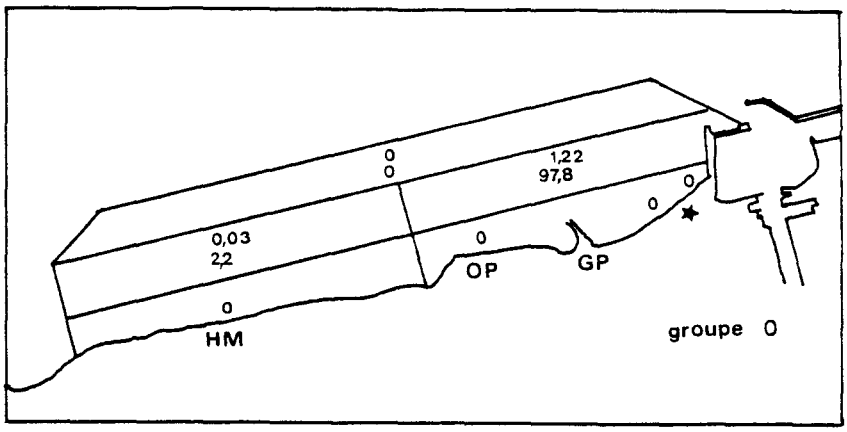


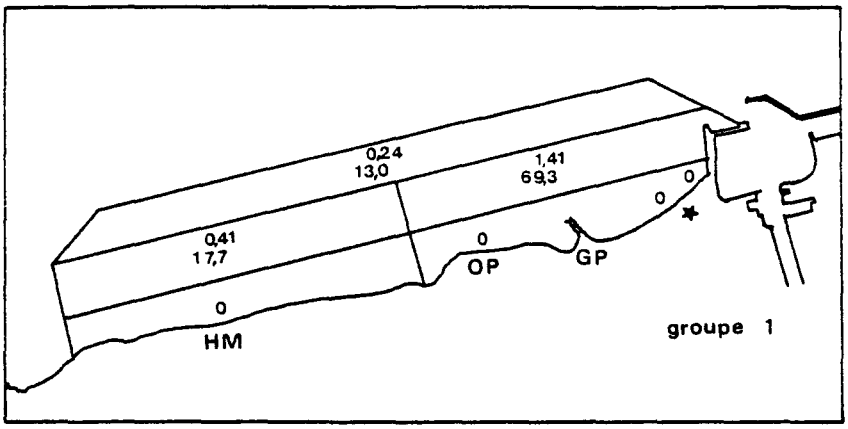


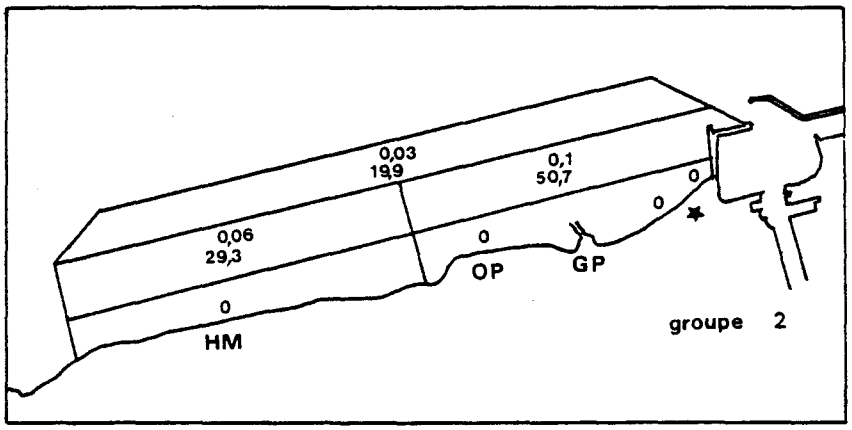


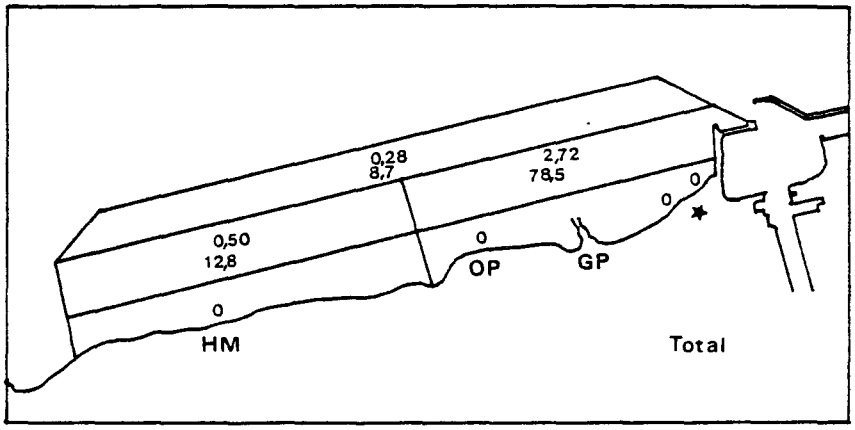


PLIE OCTOBRE 1985 : densités moyennes par zone.
(nbre d'individus / 1000 mètres carrés).

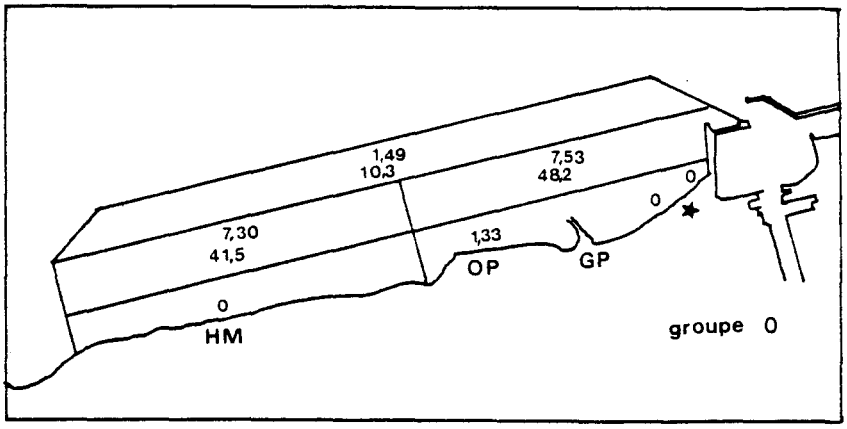


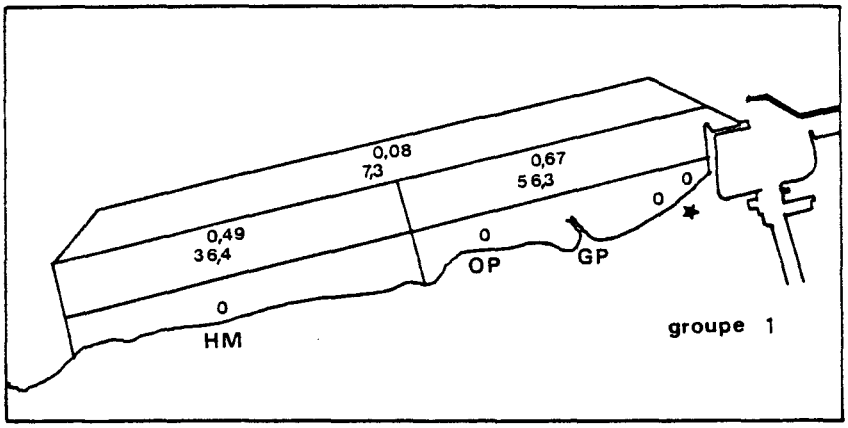


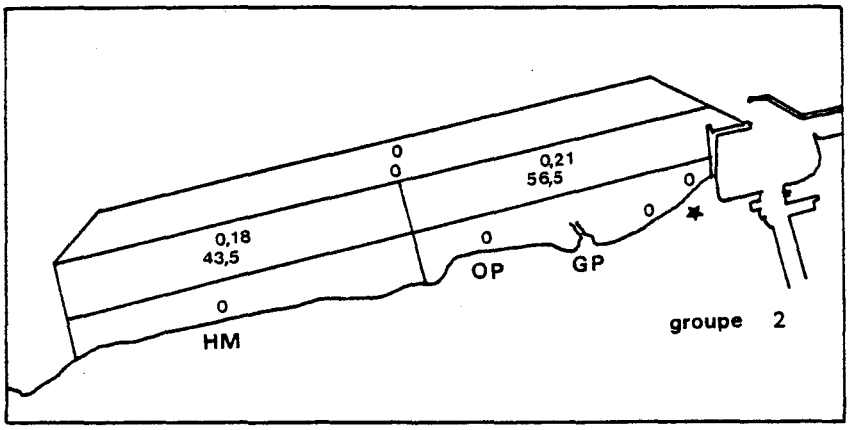


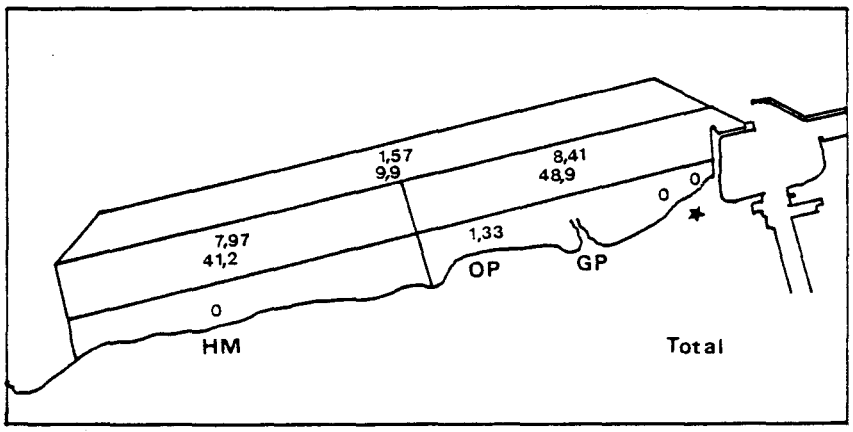


LIMANDE JUILLET 1985 : densités moyennes par zone.
(nbre d'individus / 1000 mètres carrés).

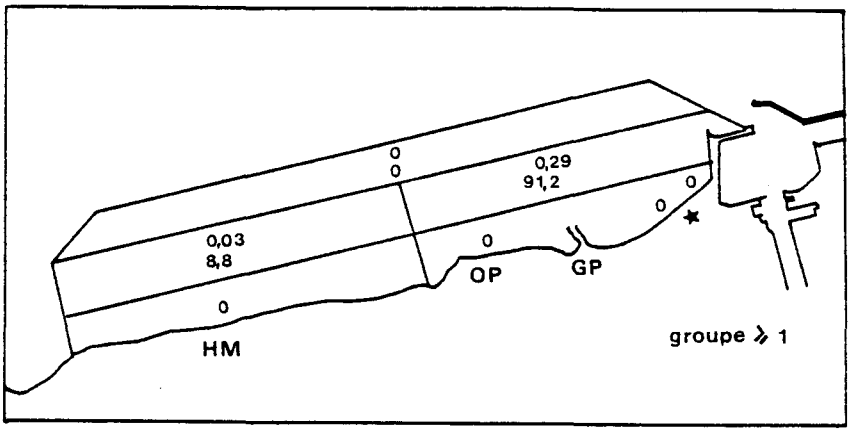


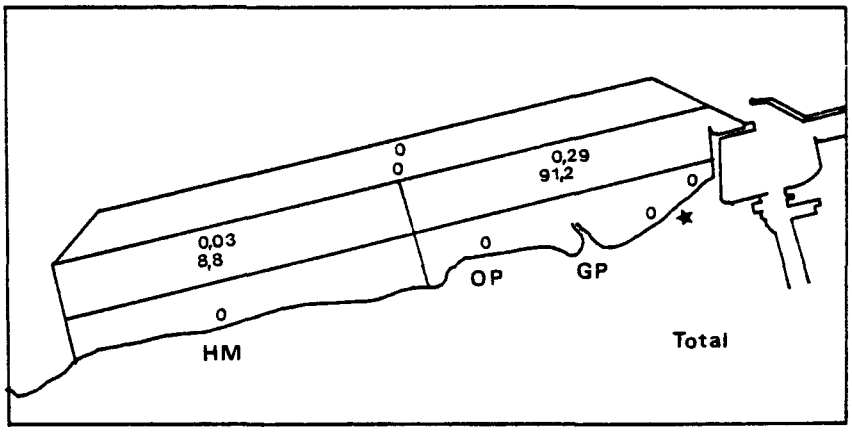




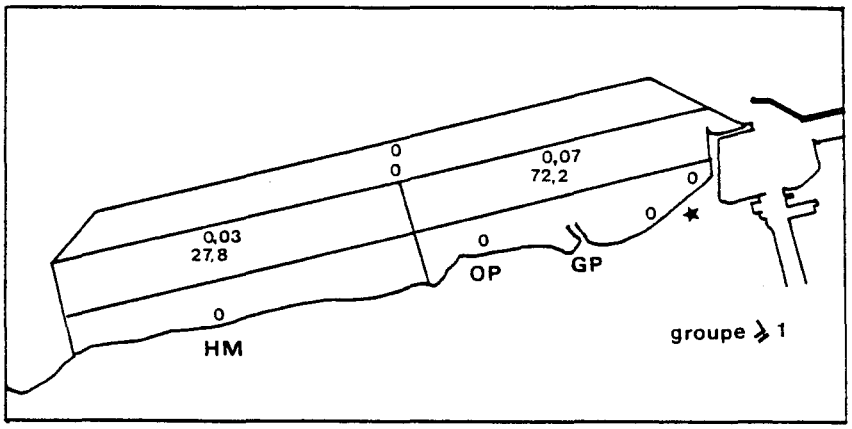


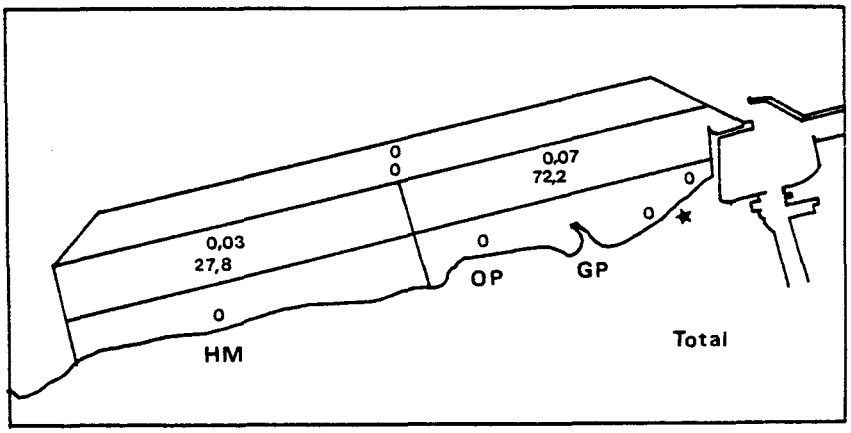
LIMANDE OCTOBRE 1985: densités moyennes par zone.
(nbre d'individus / 1000 mètres carrés).



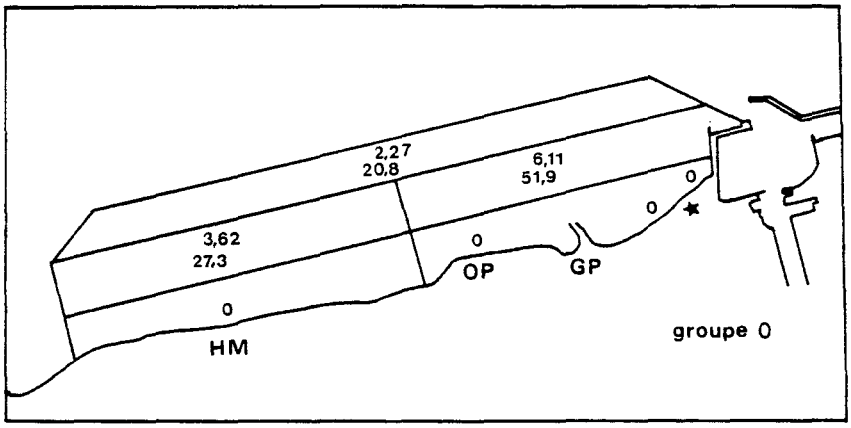


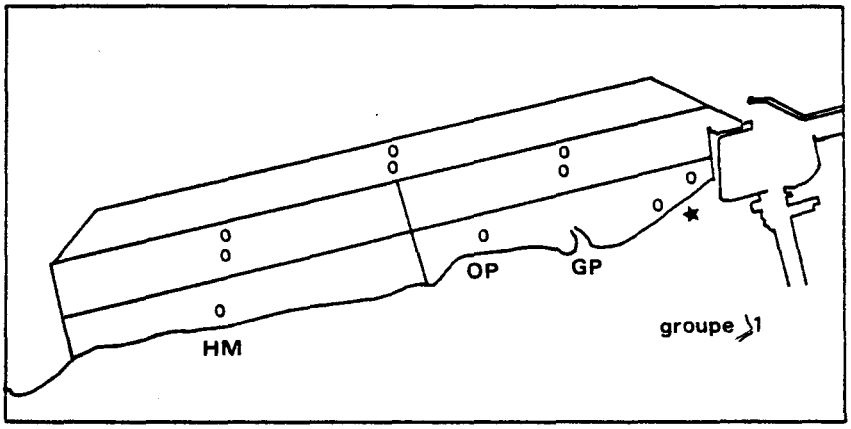
FLET JUILLET 1985 : densités moyennes par zone.
(nbre d'individus / 1000 mètres carrés).

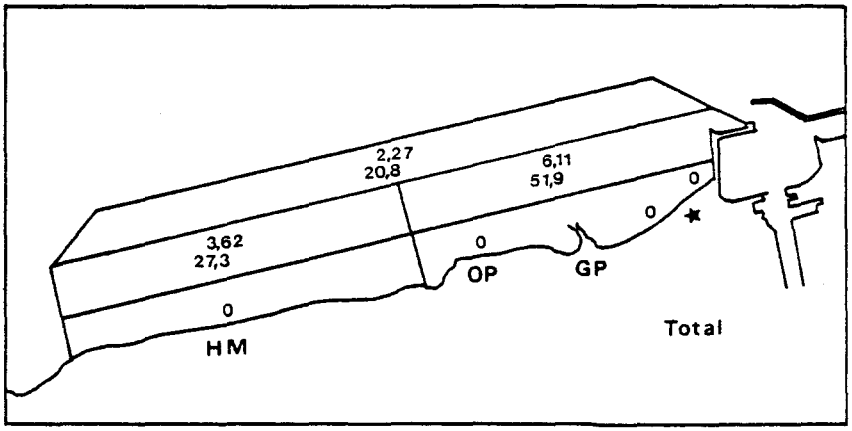




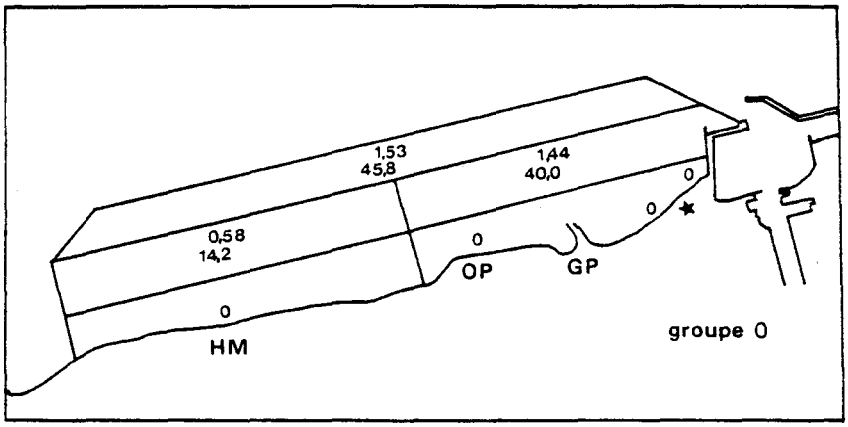
FLET OCTOBRE 1985 : densités moyennes par zone.
(nbre d'individus / 1000 mètres carrés).

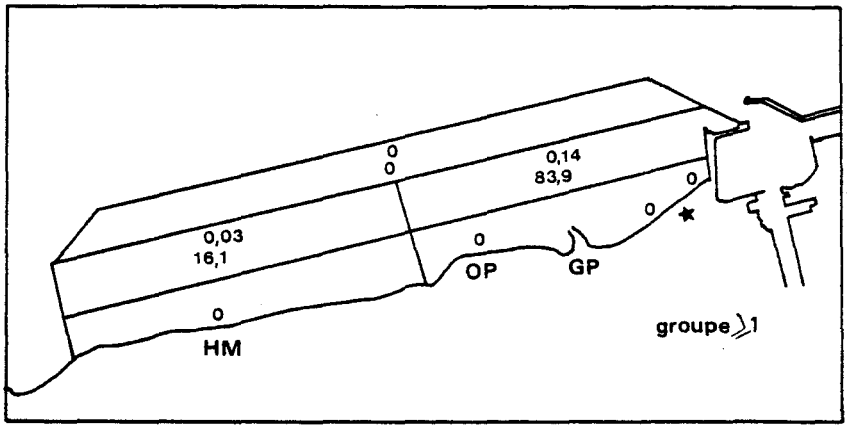


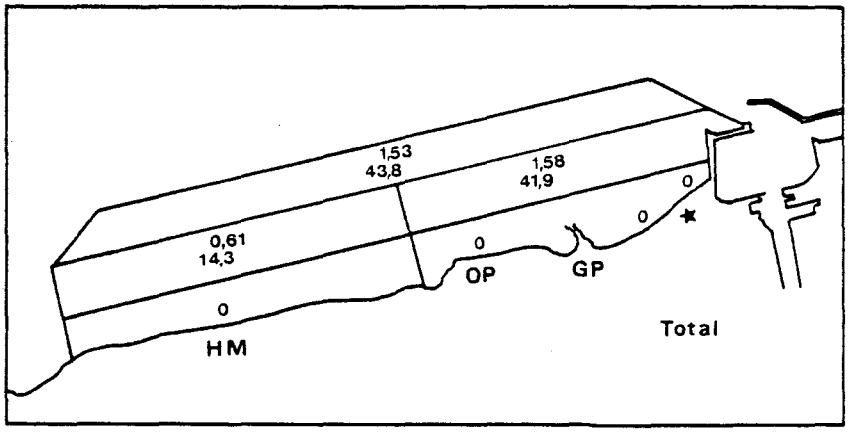




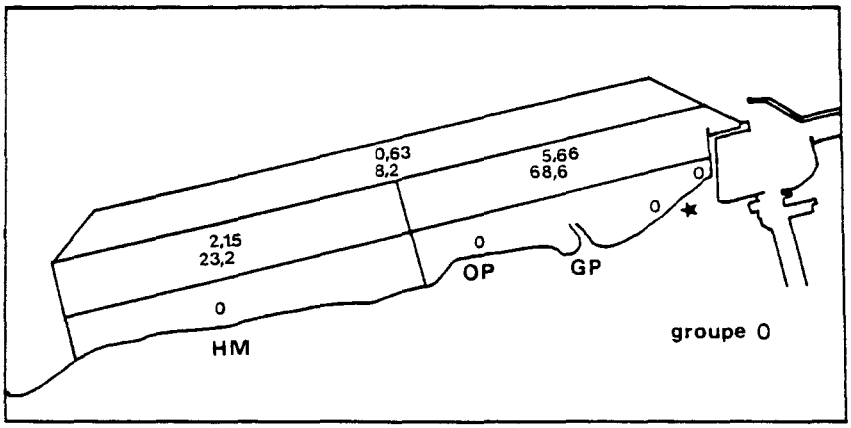
MERLAN JUILLET 1985 : densités moyennes par zone.
(nbre d'individus / 1000 mètres carrés).

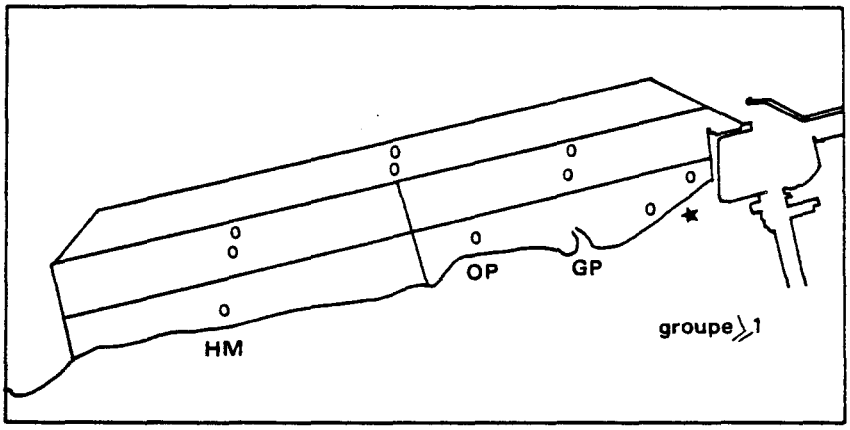


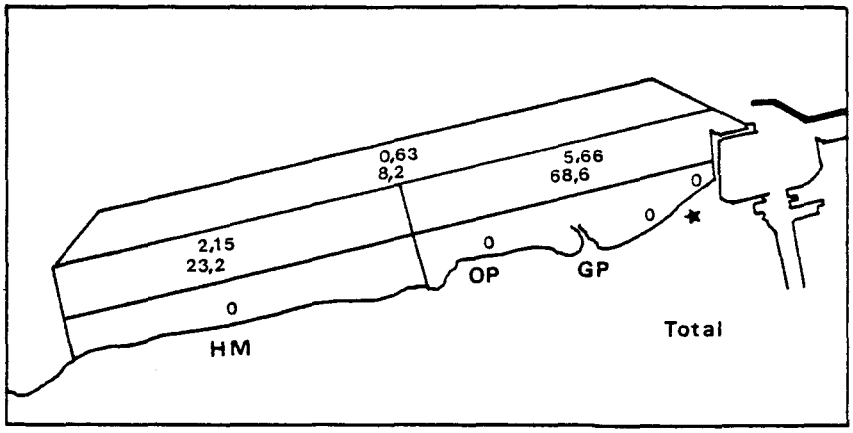




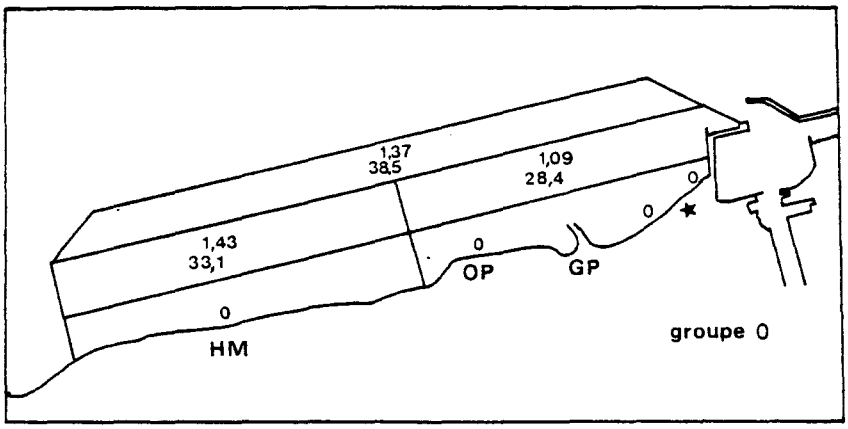
MERLAN OCTOBRE 1985 : densités moyennes par zone.
(nbre d'individus / 1000 mètres carrés).

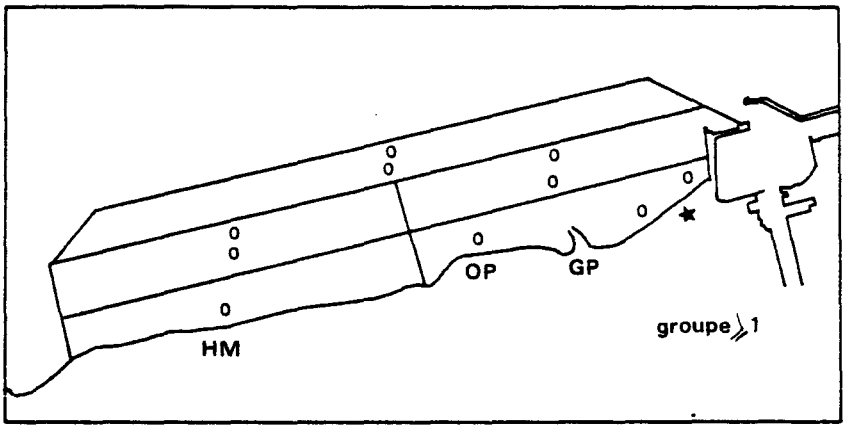


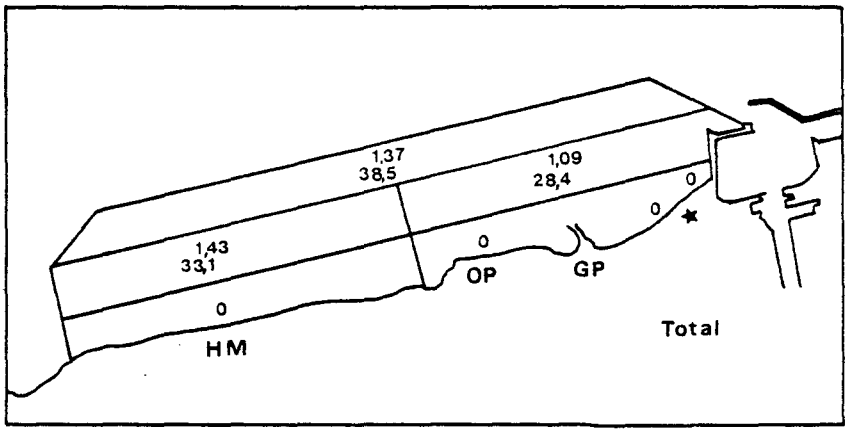




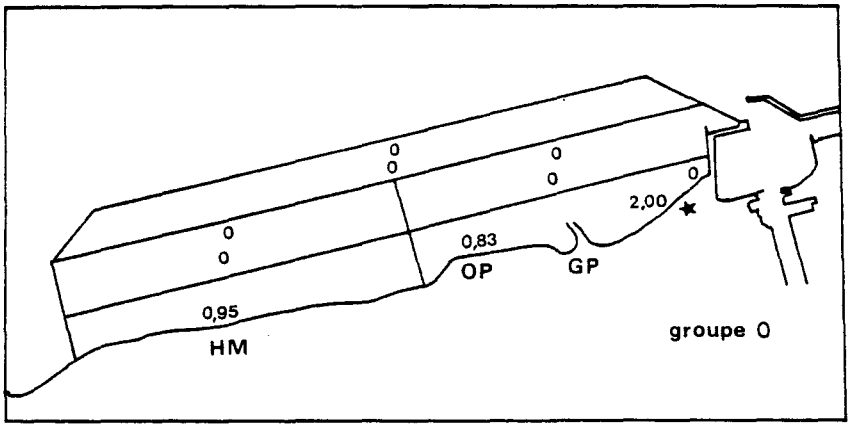
TACAUD JUILLET 1985 : densités moyennes par zone.
(nbre d'individus / 1000 mètres carrés).

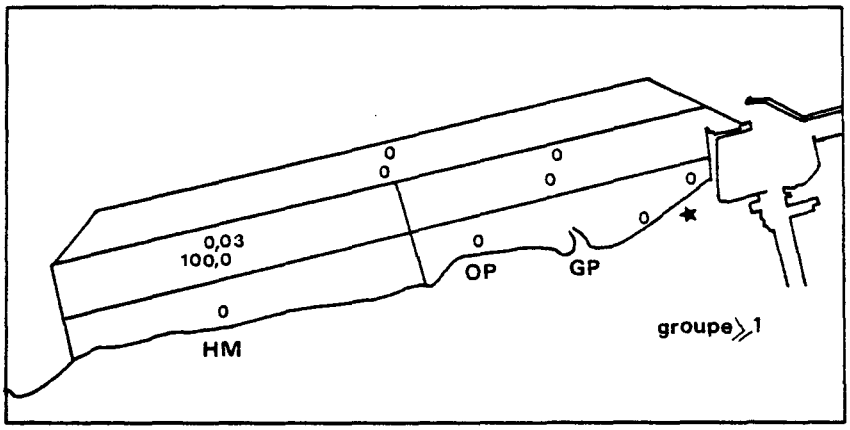


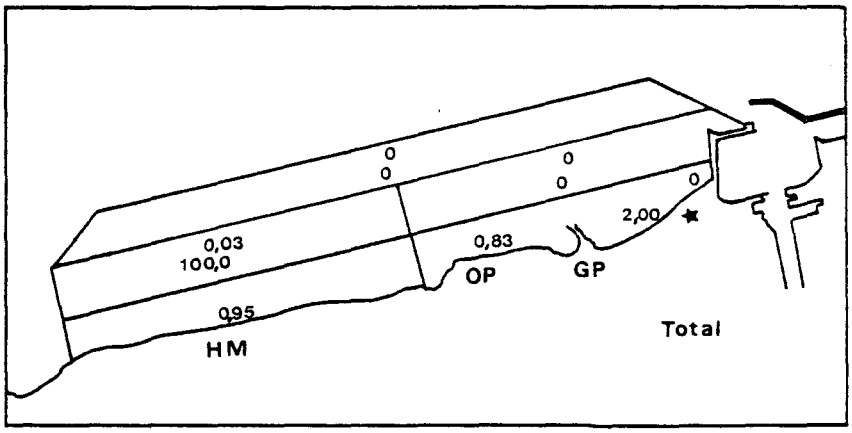




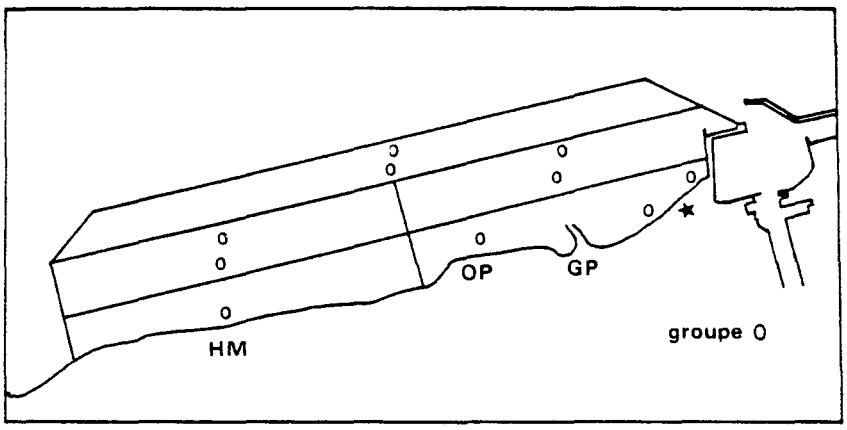
TACAUD OCTOBRE 1985 : densités moyennes par zone.
(nbre d'individus / 1000 mètres carrés).

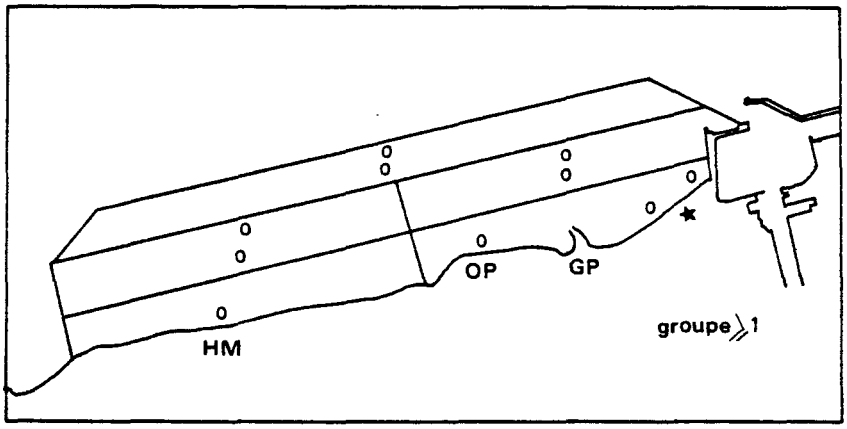


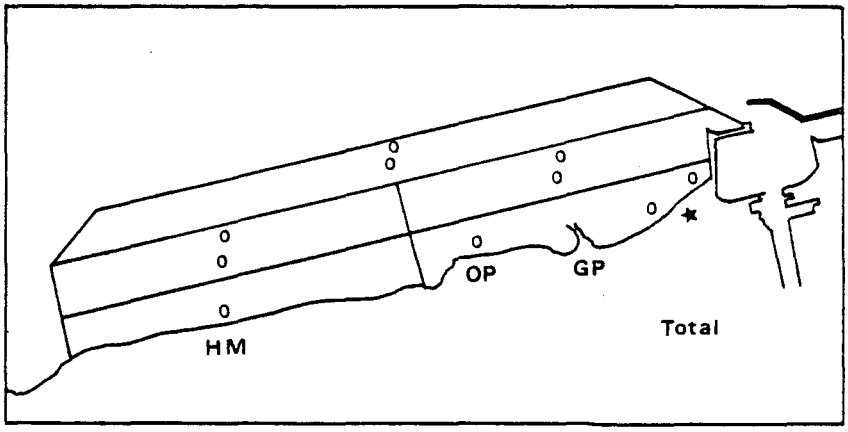




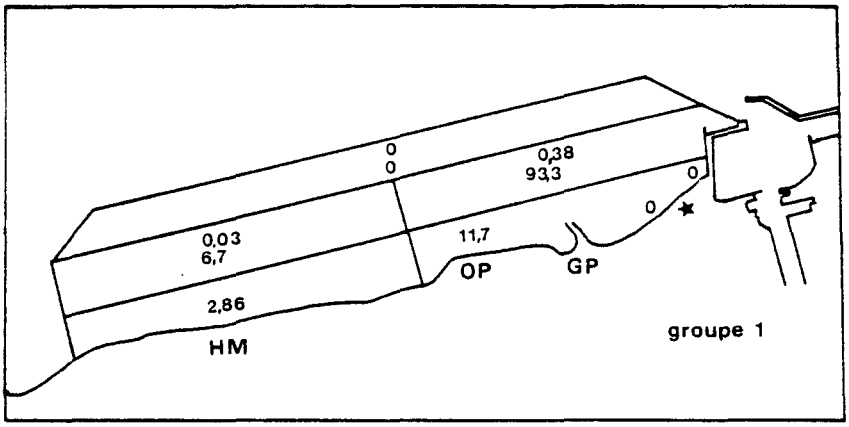
SPRAT JUILLET 1985 : densités moyennes par zone.
(nbre d'individus / 1000 mètres carrés).

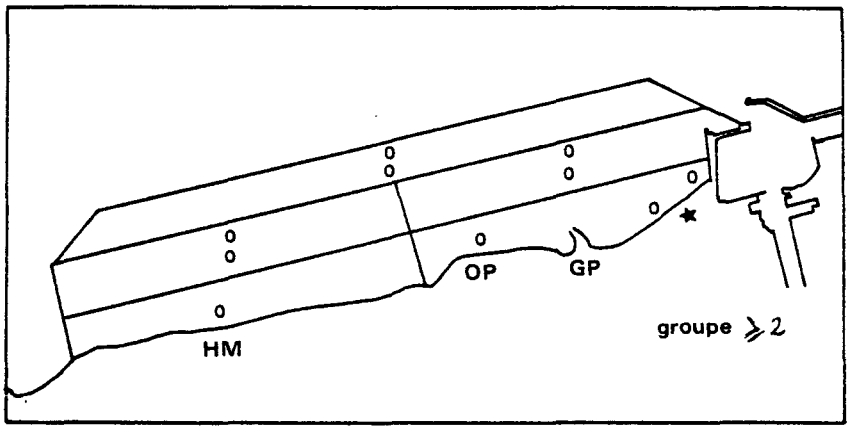


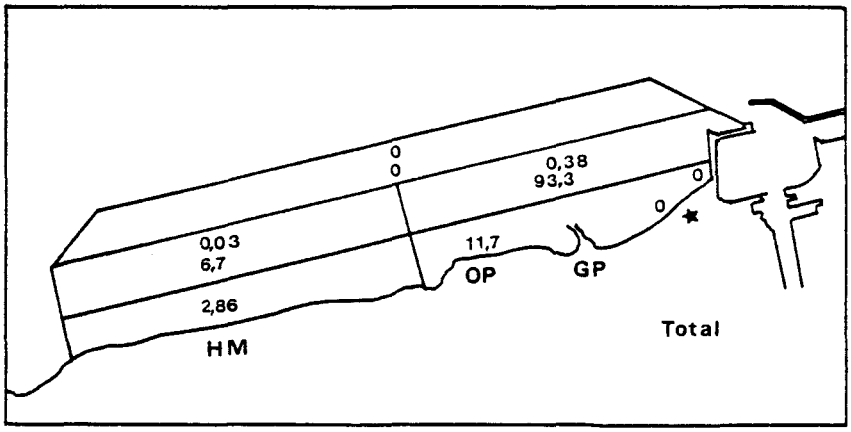




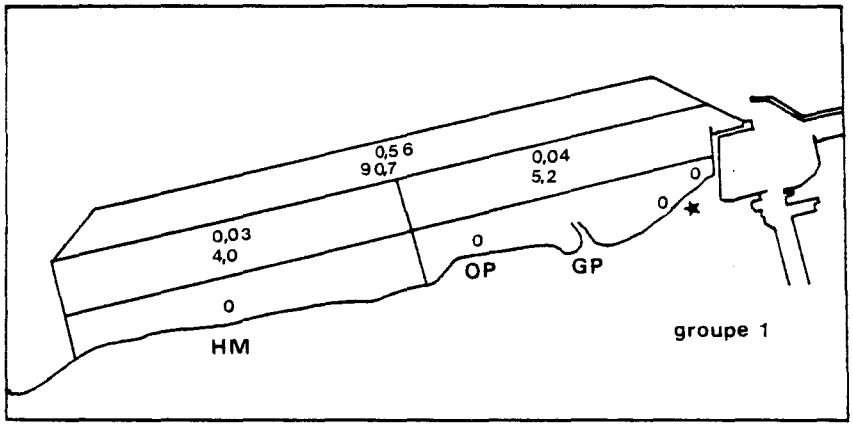
SPRAT OCTOBRE 1985 : densités moyennes par zone.
(nbre d'individus / 1000 mètres carrés).

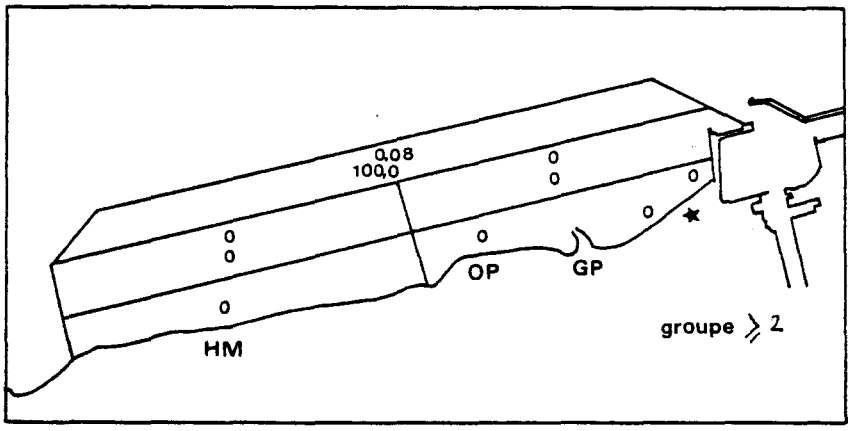


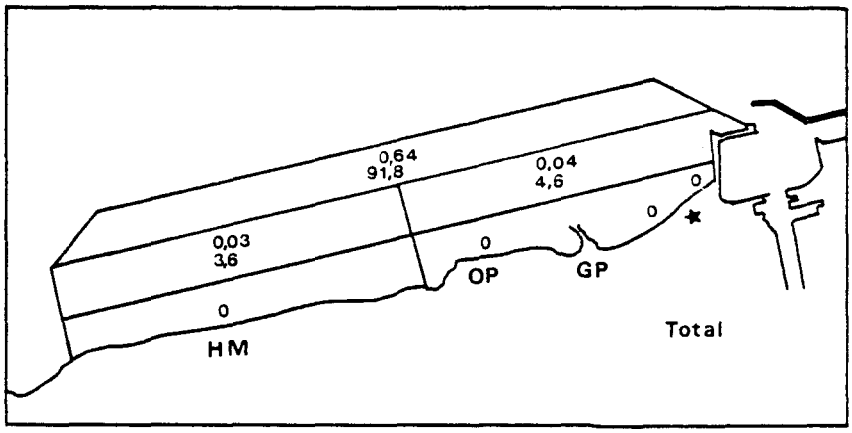




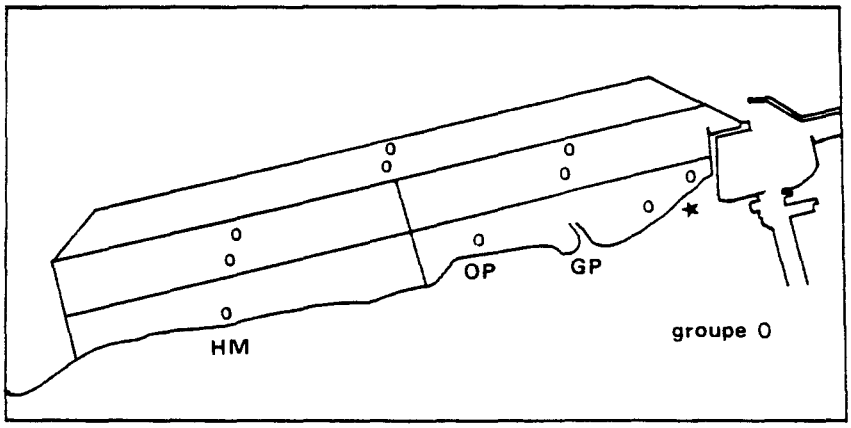
HARENG JUILLET 1985 : densités moyennes par zone.
(nbre d'individus / 1000 mètres carrés).

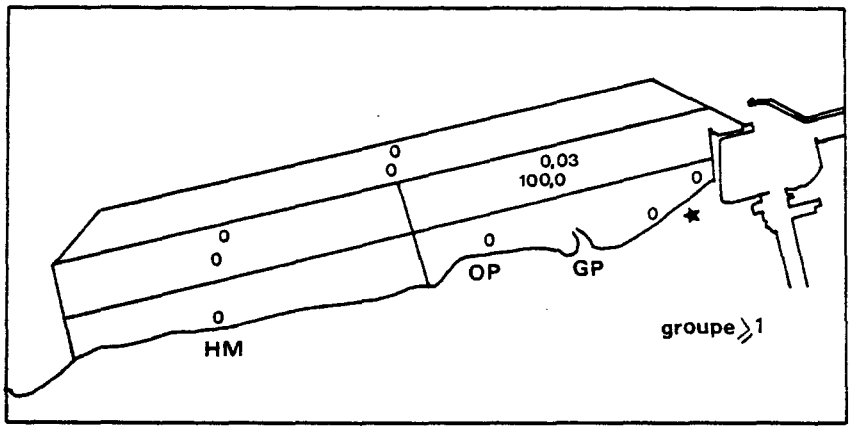


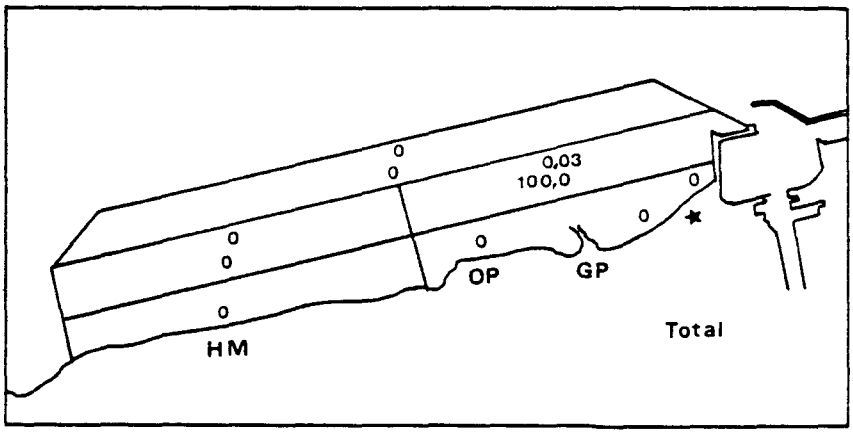




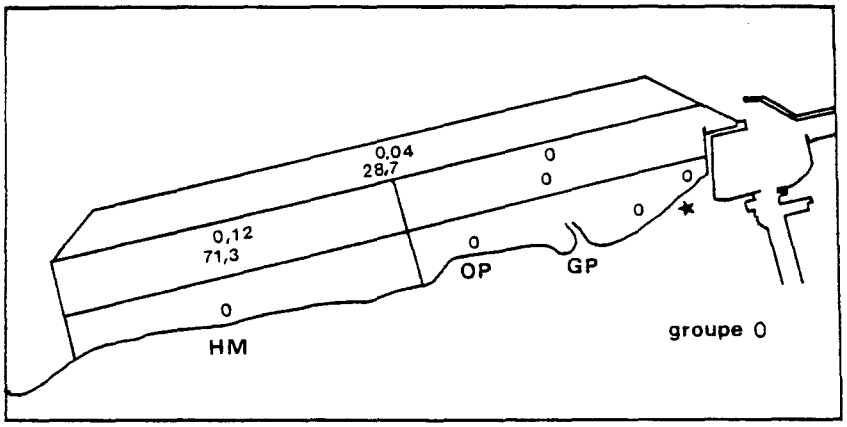
HARENG OCTOBRE 1985 : densités moyennes par zone.
(nbre d'individus / 1000 mètres carrés).

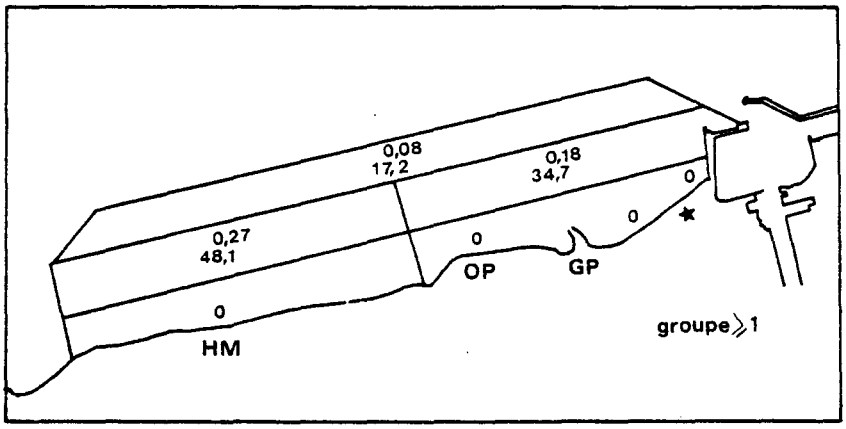


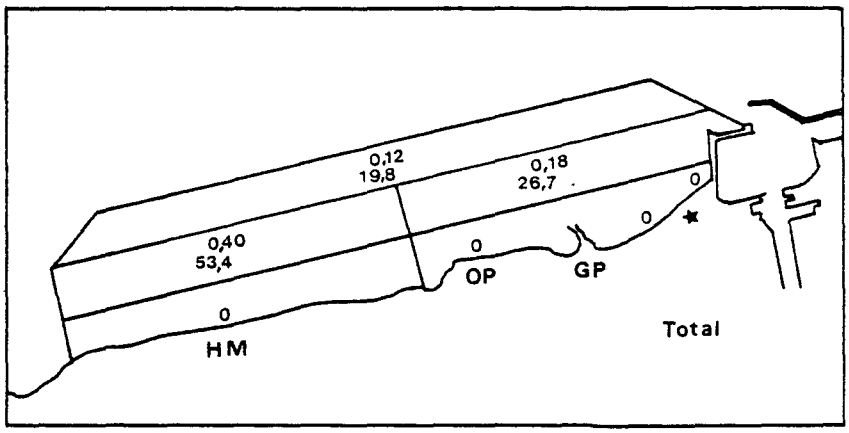




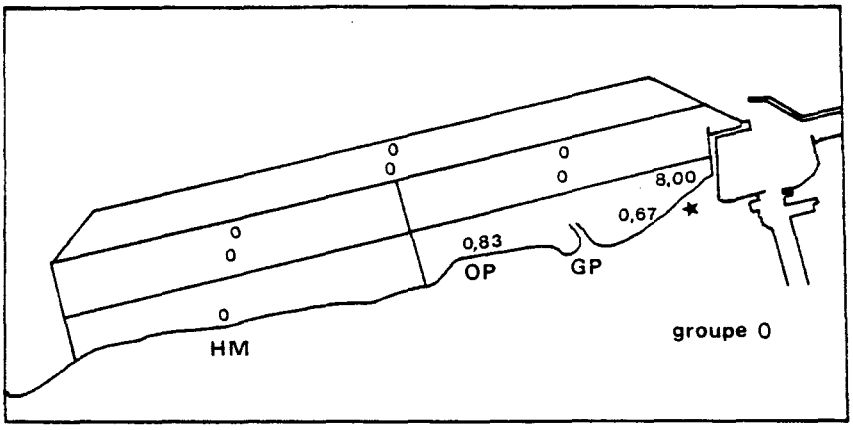
GRONDIN PERLON JUILLET 1985 : densités moyennes par zone.
(nbre d'individus / 1000 mètres carrés).

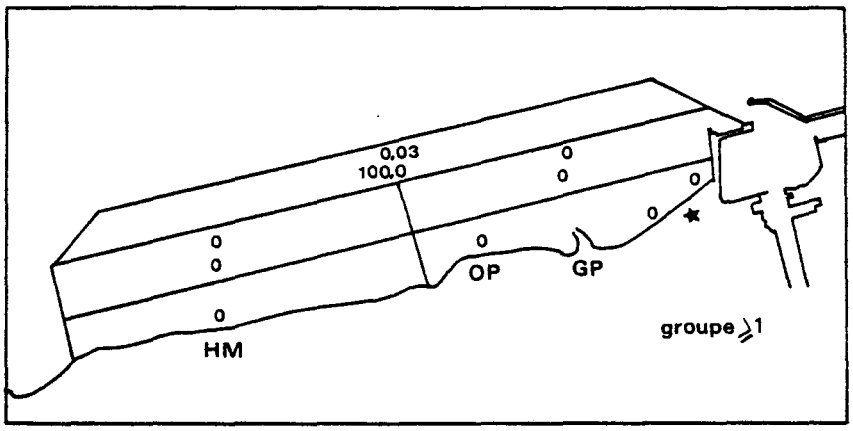


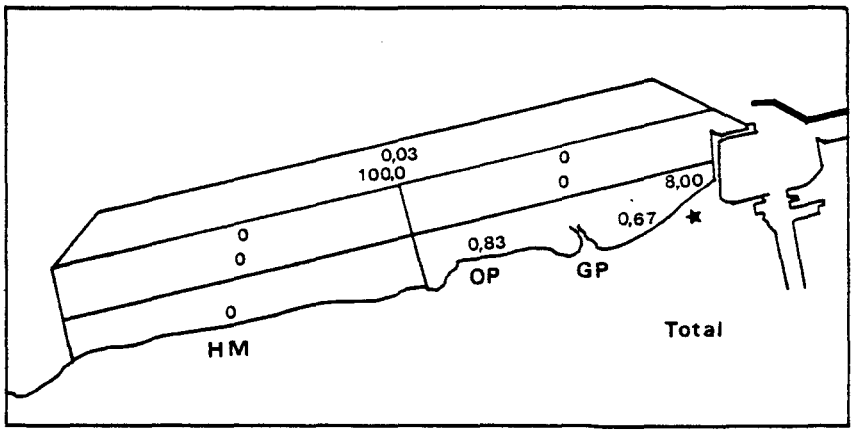




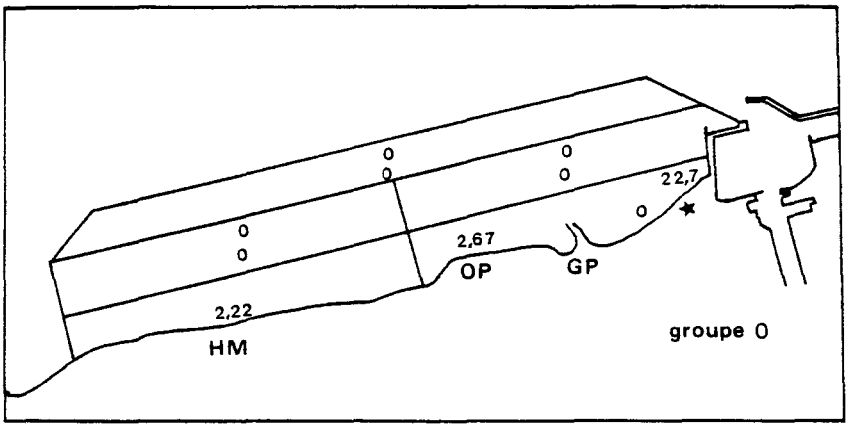
GRONDIN PERLON OCTOBRE 1985 : densités moyennes par zone. (nbre d'individus / 1000 mètres carrés).

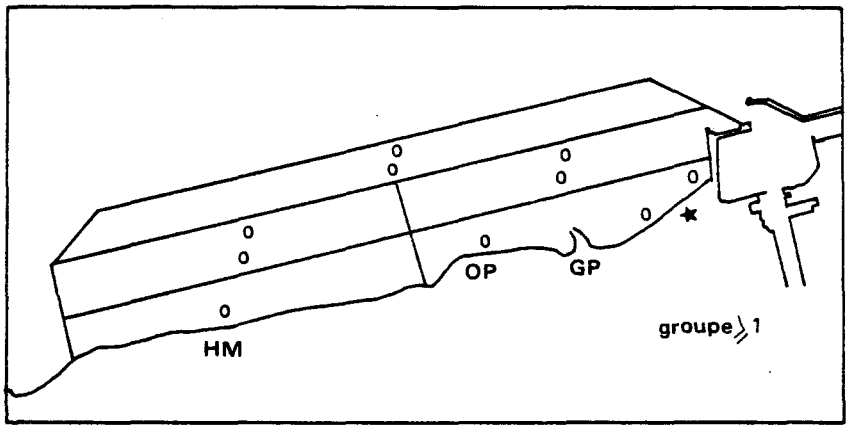


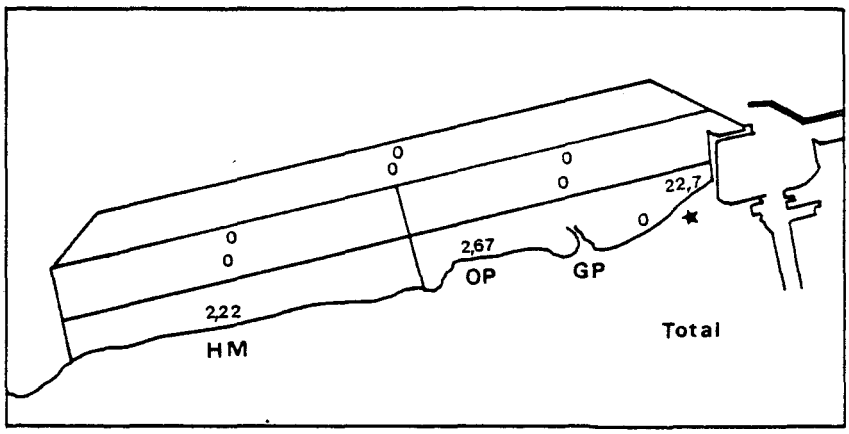




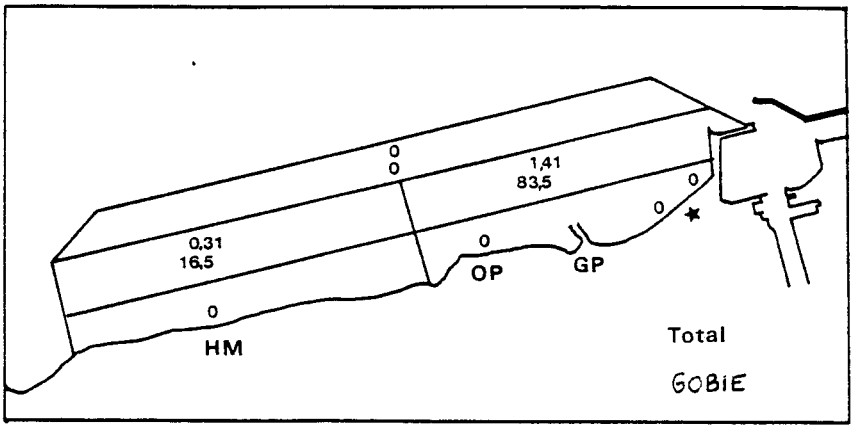
EQUILLE JUILLET 1985 : densités moyennes par zone.
(nbre d'individus / 1000 mètres carrés).

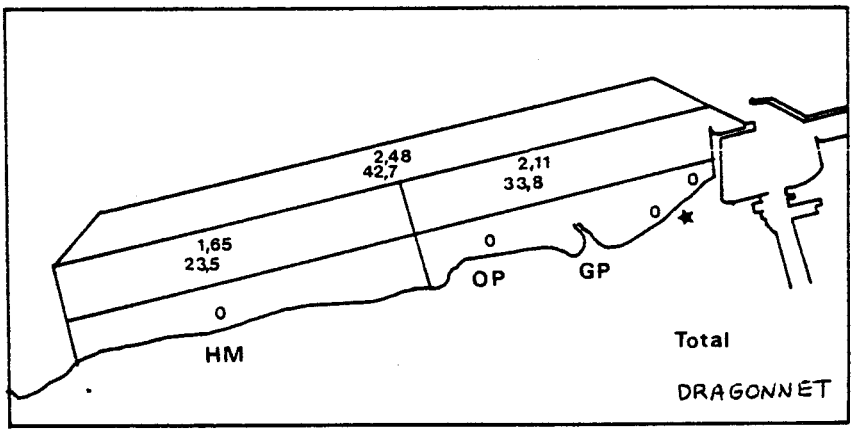




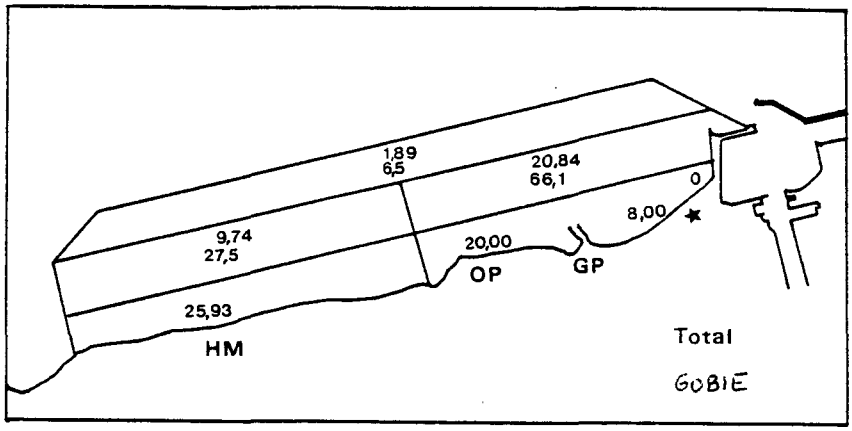


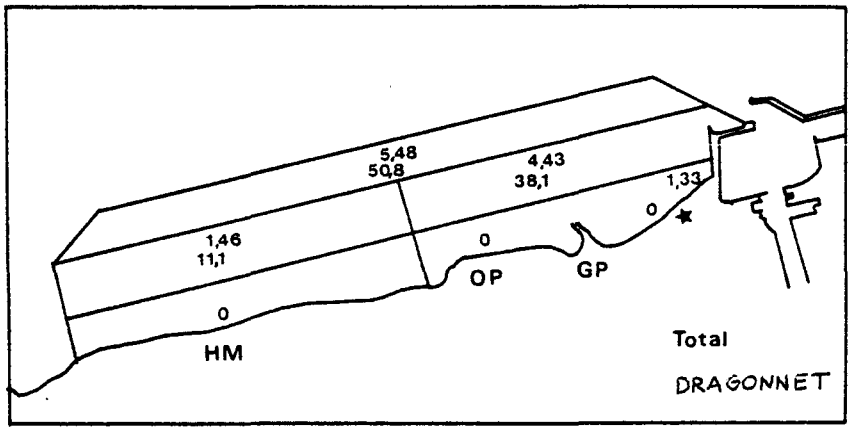
EQUILLE OCTOBRE 1985 : densités moyennes par zone.
(nbre d'individus / 1000 mètres carrés).



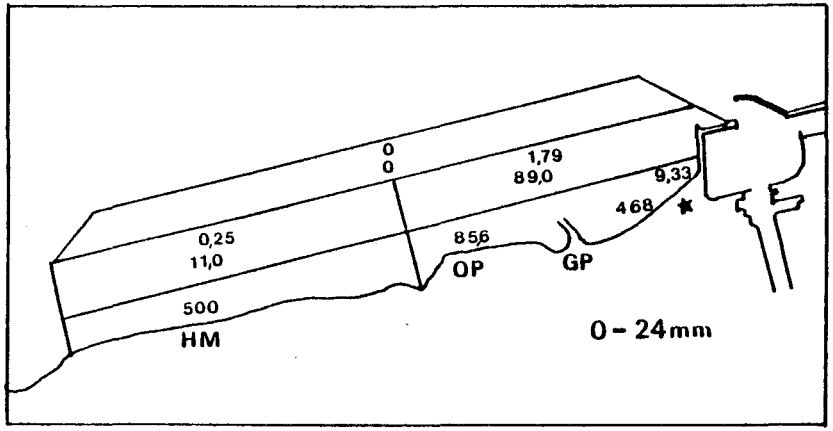


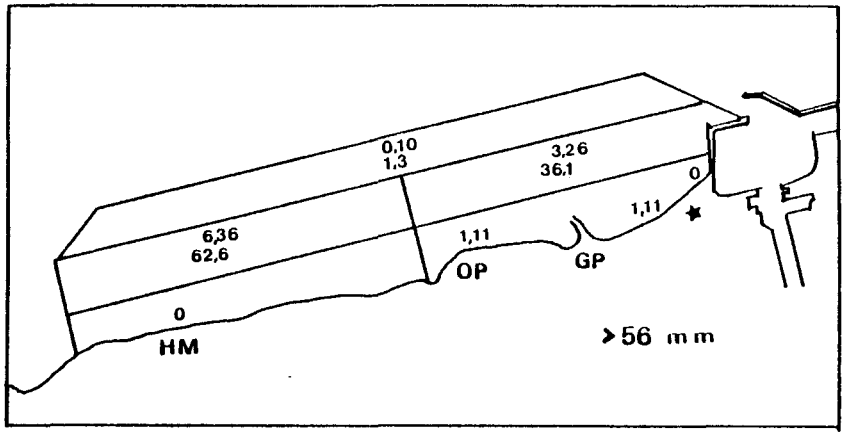
GOBIE ET DRAGONNET JUILLET 1985 : densités moyennes par zone.
(nbre d'individus / 1000 mètres carrés).

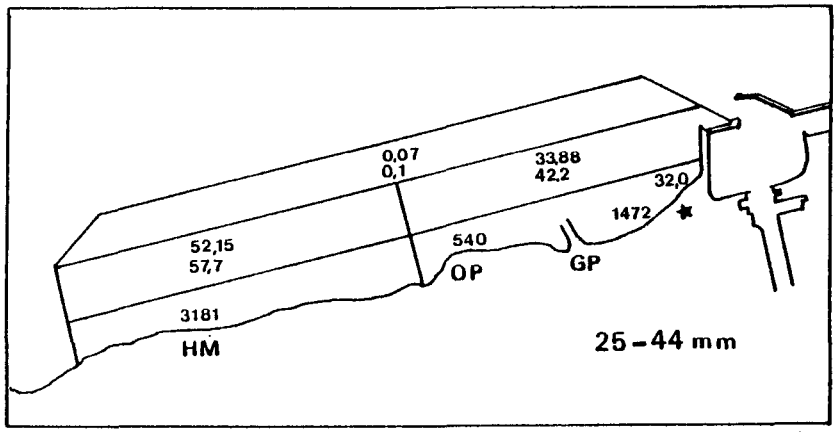


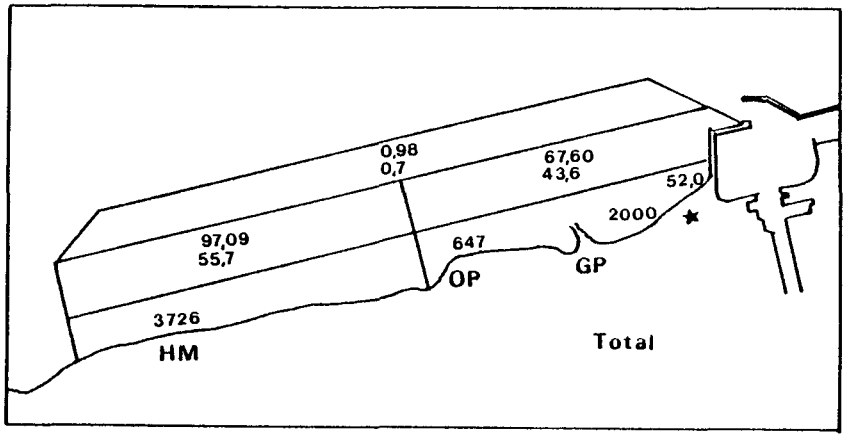


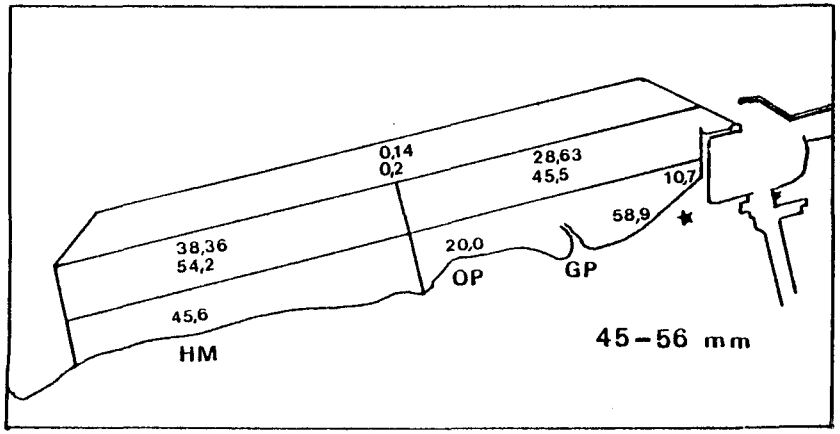
GOBIE ET DRAGONNET OCTOBRE 1985 : densités moyennes par zone.
(nbre d'individus / 1000 mètres carrés).





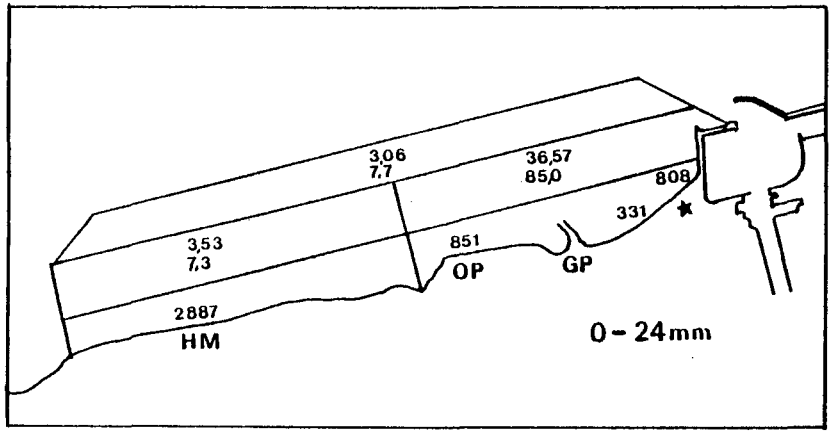


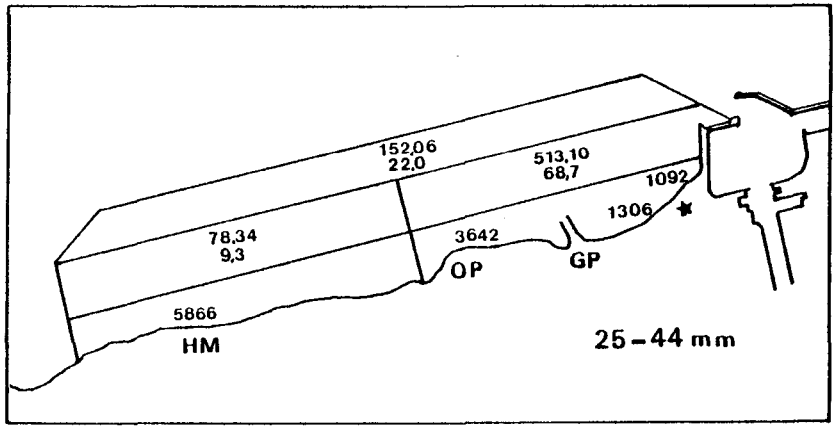


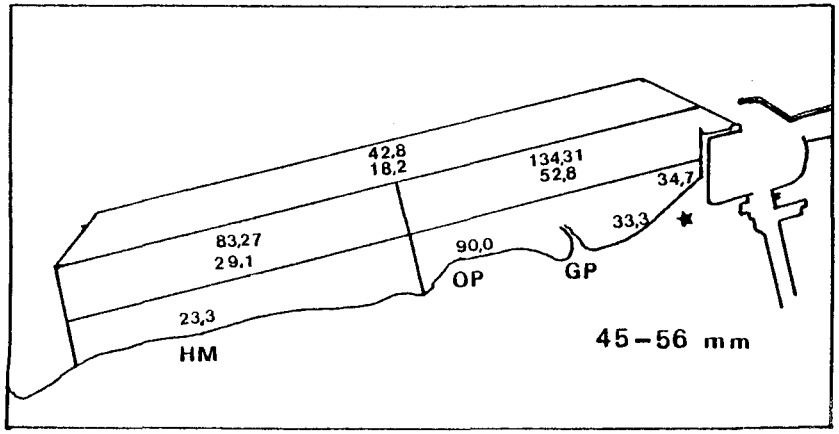


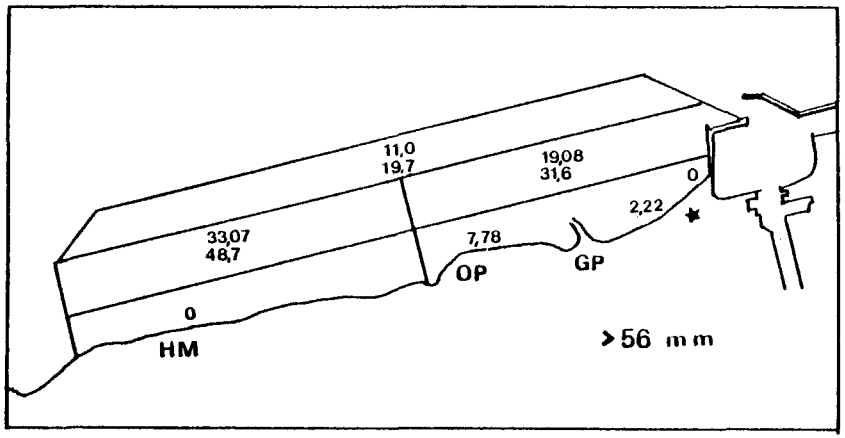
CREVETTE GRISE

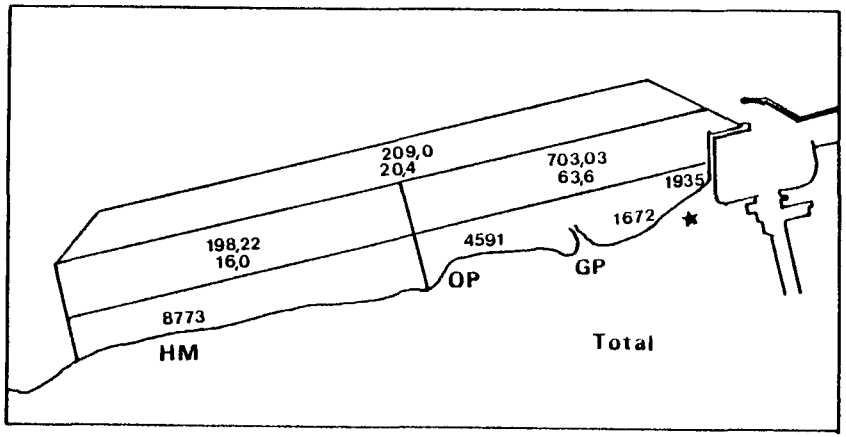
JUILLET 1985 : densités moyennes par zone.
(nbre d'individus / 1000 mètres carrés).











CREVETTE GRISE

OCTOBRE 1985 : densités moyennes par zone.
(nbre d'individus / 1000 mètres carrés).

ANNEXE 4

RESULTATS BRUTS D'ABONDANCE PAR ZONE

CODES DES ESPECES

AMMO TOB	Equille	*Ammodytes tobianus*
CALM LYR	Dragonnet.....	*Callionymus lyra*
CLUP HAR	Hareng	*Clupea harengus*
CRAG CRA	Crevette grise	*Crangon crangon*
DICE LAB	Bar	*Dicentrarchus labrax*
GOBD	Gobies	*Gobiidae*
GYMA SEM	Equille	*Gymnamodytes semisquamatus*
LIMD LIM	Limande	*Limanda limanda*
MERN MER	Merlan	*Merlangius merlangus*
PLAT FLE	Flet	*Platichthys flesus*
PLEC PLA	Plie	*Pleuronectes platessa*
PSET MAX	Turbot	*Psetta maxima*
SCOH RHO	Barbue	*Scophthalmus rhombus*
SOLE VUL	Sole	*Solea vulgaris*
SPRA SPR	Sprat	*Sprattus sprattus*
TRIG LUC	Grondin perlon	*Trigla lucerna*
TRIS LUS	Tacaud	*Trisopterus luscus*

SIGNIFICATION DES CODES UTILISES DANS LES TABLEAUX

SSTRATE ..... surface de la strate (en m²).

STRAITS ..... surface totale chalutée (en m²).

NTRAITS ..... nombre de traits réalisés sur la strate.

GENRE ESP ..... se reporter à la liste des codes espèces.

CAT ..... :
- TOT : capture totale
- COM : fraction commerciale des captures
- G0 : groupe d'âge 0
- G1 : groupe d'âge 1
- G2 : groupe d'âge 2
- G1PLUS : groupes d'âge >1
- G2PLUS : groupes d'âge >2
- G3PLUS : groupes d'âge >3

NB ..... estimation de la production de la zone. (nombre d'individus)

ECTYPE ..... écart type sur cette estimation.

IPREC ..... indice de précision.

DENSITE ..... nombre d'individus par 1000 m².

PCENT ..... :
- STRATES A , B et C : participation de chacune de ces strates (%) à la production globale estimée;par espèce et par catégorie.
- STRATE TOT :
  - TOT : participation (%) des différentes espèces à la production totale estimée.
  - G : participation (%) des différents groupes d'âge à la production totale estimée de l'espèce.
  - COM : participation (%) de la fraction commerciale à la production totale estimée de l'espèce.

AN	MOIS	JOUR	STRATE	LIEU	LAT	LG	SSTRATE
85	7	5	A	GRAV	0.00	0.00	17619696

SPECIFI	STRAITS	NTRAITS	COEFECH
21	28680	5	99.84

GENRE	ESP	CAT	NB	ECTYPE	IPREC	DENSITE	PCENT
MERN	MER	TOT	39933	15080	37.76	2.27	20.8
MERN	MER	G0	39933	15080	37.76	2.27	20.8
TRIS	LUS	TOT	11058	4189	37.88	0.63	8.2
TRIS	LUS	G0	11058	4189	37.88	0.63	8.2
AMMO	TOB	TOT	614	614	100.00	0.03	100.0
AMMO	TOB	COM	614	614	100.00	0.03	100.0
AMMO	TOB	G1PLUS	614	614	100.00	0.03	100.0
HYPE	LAN	TOT	614	614	100.00	0.03	100.0
HYPE	LAN	COM	614	614	100.00	0.03	100.0
HYPE	LAN	G1PLUS	614	614	100.00	0.03	100.0
CALM	LYR	TOT	43619	26306	60.31	2.48	42.7
PLEC	PLA	TOT	5529	2457	44.44	0.31	5.1
PLEC	PLA	COM	1229	1229	100.00	0.07	100.0
PLEC	PLA	G0	1843	1843	100.00	0.10	2.0
PLEC	PLA	G1	1843	752	40.82	0.10	11.0
PLEC	PLA	G2	1843	1229	66.67	0.10	100.0
LIMD	LIM	TOT	4915	2849	57.96	0.28	8.7
LIMD	LIM	COM	1229	752	61.24	0.07	13.4
LIMD	LIM	G1	4300	2849	66.24	0.24	13.0
LIMD	LIM	G2	614	614	100.00	0.03	19.9
SOLE	VUL	TOT	614	614	100.00	0.03	7.3
SOLE	VUL	G2	614	614	100.00	0.03	25.3
CRAG	CRA	TOT	17202	3582	20.82	0.98	0.7
CRAG	CRA	COM	3072	6144	200.00	0.17	0.1
CRAG	CRA	G1	1229	1229	100.00	0.07	0.1
CRAG	CRA	G2	2457	2457	100.00	0.14	0.2
CRAG	CRA	G3PLUS	1843	1843	100.00	0.10	1.3

AN	MOIS	JOUR	STRATE	LIEU	LAT	LG	SSTRATE
85	7	5	B	GRAV	0.00	0.00	16312600

SPECIF1	STRAITS	NTRAITS	COEFECH
21	31258	7	99.81

GENRE	ESP	CAT	NB	ECTYPE	IPREC	DENSITE	PCENT
CLUP	HAR	TOT	6262	2842	45.39	0.38	93.3
CLUP	HAR	G1	6262	2842	45.39	0.38	93.3
GADU	MOR	TOT	1566	1566	100.00	0.10	100.0
GADU	MOR	G0	1566	1566	100.00	0.10	100.0
MERN	MER	TOT	99677	18451	18.51	6.11	51.9
MERN	MER	G0	99677	18451	18.51	6.11	51.9
TRIS	LUS	TOT	92371	37004	40.06	5.66	68.6
TRIS	LUS	G0	92371	37004	40.06	5.66	68.6
TRIG	LUC	TOT	522	522	100.00	0.03	100.0
TRIG	LUC	G1PLUS	522	522	100.00	0.03	100.0
CALM	LYR	TOT	34443	15598	45.29	2.11	33.8
GOBD		TOT	22962	16136	70.27	1.41	83.5
PLAT	FLE	TOT	4697	2214	47.14	0.29	91.2
PLAT	FLE	G1PLUS	4697	2214	47.14	0.29	91.2
PLEC	PLA	TOT	71496	32653	45.67	4.38	65.8
PLEC	PLA	G0	65234	32940	50.50	4.00	72.4
PLEC	PLA	G1	6262	2214	35.36	0.38	37.5
LIMD	LIM	TOT	44359	17636	39.76	2.72	78.5
LIMD	LIM	COM	5219	2235	42.82	0.32	57.0
LIMD	LIM	G0	19831	8506	42.89	1.22	97.8
LIMD	LIM	G1	22962	11517	50.15	1.41	69.3
LIMD	LIM	G2	1566	1086	69.39	0.10	50.7
SOLE	VUL	TOT	4175	2448	58.63	0.26	49.6
SOLE	VUL	G0	1044	1044	100.00	0.06	100.0
SOLE	VUL	G1	3131	1476	47.14	0.19	69.8
CRAG	CRA	TOT	1102710	422728	38.34	67.60	43.6
CRAG	CRA	COM	1073485	423459	39.45	65.81	43.3
CRAG	CRA	G0	29225	12730	43.56	1.79	89.0
CRAG	CRA	G1	552660	226970	41.07	33.88	42.2
CRAG	CRA	G2	467073	193141	41.35	28.63	45.5
CRAG	CRA	G3PLUS	53231	12776	24.00	3.26	36.1

AN	MOIS	JOUR	STRATE	LIEU	LAT	LG	SSTRATE
85	7	5	C	GRAV	0.00	0.00	14508800

SPECIFI	STRAITS	NTRAITS	COEFECH
21	32063	6	99.78

GENRE	ESP	CAT	NB	ECTYPE	IPREC	DENSITE	PCENT
CLUP	HAR	TOT	453	453	100.00	0.03	6.7
CLUP	HAR	G1	453	453	100.00	0.03	6.7
SPRA	SPR	TOT	453	453	100.00	0.03	100.0
SPRA	SPR	G1PLUS	453	453	100.00	0.03	100.0
MERN	MER	TOT	52491	28867	54.99	3.62	27.3
MERN	MER	G0	52491	28867	54.99	3.62	27.3
TRIS	LUS	TOT	31223	14998	48.04	2.15	23.2
TRIS	LUS	G0	31223	14998	48.04	2.15	23.2
CALM	LYR	TOT	23983	12271	51.17	1.65	23.5
GOBD		TOT	4525	4525	100.00	0.31	16.5
PLAT	FLE	TOT	453	453	100.00	0.03	8.8
PLAT	FLE	G1PLUS	453	453	100.00	0.03	8.8
PLEC	PLA	TOT	31676	17549	55.40	2.18	29.1
PLEC	PLA	G0	23078	14208	61.56	1.59	25.6
PLEC	PLA	G1	8598	3534	41.11	0.59	51.5
LIMD	LIM	TOT	7240	4685	64.71	0.50	12.8
LIMD	LIM	COM	2715	1717	63.25	0.19	29.6
LIMD	LIM	G0	453	453	100.00	0.03	2.2
LIMD	LIM	G1	5883	3802	64.63	0.41	17.7
LIMD	LIM	G2	905	572	63.25	0.06	29.3
SOLE	VUL	TOT	3620	1669	46.10	0.25	43.0
SOLE	VUL	COM	1810	1342	74.16	0.12	100.0
SOLE	VUL	G1	1358	927	68.31	0.09	30.2
SOLE	VUL	G2	1810	905	50.00	0.12	74.7
SOLE	VUL	G3PLUS	453	453	100.00	0.03	100.0
CRAG	CRA	TOT	1408660	798476	56.68	97.09	55.7
CRAG	CRA	COM	1405040	795117	56.59	96.84	56.6
CRAG	CRA	G0	3620	3620	100.00	0.25	11.0
CRAG	CRA	G1	756595	406863	53.78	52.15	57.7
CRAG	CRA	G2	556586	328104	58.95	38.36	54.2
CRAG	CRA	G3PLUS	92312	61138	66.23	6.36	62.6

AN	MOIS	JOUR	STRATE	LIEU	LAT	LG	SSTRATE
85	7	5	TOT	GRAV	0.00	0.00	48441088

SPECIF1	STRAITS	NTRAITS	COEFECH
21	92001	18	99.81

GENRE	ESP	CAT	NB	ECTYPE	IPREC	DENSITE	FCENT
CLUP	HAR	TOT	6715	2878	42.86	0.14	0.2
CLUP	HAR	G1	6715	2878	42.86	0.14	100.0
SPRA	SPR	TOT	453	453	100.00	0.01	0.0
SPRA	SPR	G1PLUS	453	453	100.00	0.01	100.0
GADU	MOR	TOT	1566	1566	100.00	0.03	0.0
GADU	MOR	G0	1566	1566	100.00	0.03	100.0
MERN	MER	TOT	192101	37432	19.49	3.97	5.9
MERN	MER	G0	192101	37432	19.49	3.97	100.0
TRIS	LUS	TOT	134652	40147	29.82	2.78	4.1
TRIS	LUS	G0	134652	40147	29.82	2.78	100.0
TRIG	LUC	TOT	522	522	100.00	0.01	0.0
TRIG	LUC	G1PLUS	522	522	100.00	0.01	100.0
AMMO	TOB	TOT	614	614	100.00	0.01	0.0
AMMO	TOB	COM	614	614	100.00	0.01	100.0
AMMO	TOB	G1PLUS	614	614	100.00	0.01	100.0
HYPE	LAN	TOT	614	614	100.00	0.01	0.0
HYPE	LAN	COM	614	614	100.00	0.01	100.0
HYPE	LAN	G1PLUS	614	614	100.00	0.01	100.0
CALM	LYR	TOT	102046	32953	32.29	2.11	3.1
GOBD		TOT	27487	16758	60.97	0.57	0.8
PLAT	FLE	TOT	5149	2260	43.89	0.11	0.2
PLAT	FLE	G1PLUS	5149	2260	43.89	0.11	100.0
PLEC	PLA	TOT	108701	37152	34.18	2.25	3.3
PLEC	PLA	COM	1229	1229	100.00	0.03	1.1
PLEC	PLA	G0	90155	35921	39.84	1.86	82.9
PLEC	PLA	G1	16703	4238	25.37	0.35	15.4
PLEC	PLA	G2	1843	1229	66.67	0.04	1.7
LIMD	LIM	TOT	56514	18469	32.68	1.17	1.7
LIMD	LIM	COM	9162	2917	31.83	0.19	16.2
LIMD	LIM	G0	20284	8518	42.00	0.42	35.9
LIMD	LIM	G1	33145	12458	37.59	0.68	58.6
LIMD	LIM	G2	3085	1373	44.51	0.06	5.5
SOLE	VUL	TOT	8409	3026	35.98	0.17	0.3
SOLE	VUL	COM	1810	1342	74.16	0.04	21.5
SOLE	VUL	G0	1044	1044	100.00	0.02	12.4
SOLE	VUL	G1	4489	1743	38.84	0.09	53.4
SOLE	VUL	G2	2424	1094	45.12	0.05	28.8
SOLE	VUL	G3PLUS	453	453	100.00	0.01	5.4
CRAG	CRA	TOT	2528570	903479	35.73	52.23	77.7
CRAG	CRA	COM	2481596	900869	36.30	51.26	98.1
CRAG	CRA	G0	32845	13234	40.29	0.68	1.3
CRAG	CRA	G1	1310483	465891	35.55	27.07	51.8
CRAG	CRA	G2	1026117	380738	37.10	21.20	40.6
CRAG	CRA	G3PLUS	147386	62486	42.40	3.04	5.8

AN	MOIS	JOUR	STRATE	LIEU	LAT	LG	SSTRATE
85	10	5	A	GRAV	0.00	0.00	17619696

SPECIFI	STRAITS	NTRAITS	COEFECH
21	24813	5	99.86

GENRE	ESP	CAT	NB	ECTYPE	IPREC	DENSITE	PCENT
CLUP	HAR	TOT	11362	8050	70.85	0.64	91.8
CLUP	HAR	G1	9941	8281	83.30	0.56	90.7
CLUP	HAR	G2PLUS	1420	870	61.24	0.08	100.0
MERN	MER	TOT	26984	13218	48.99	1.53	43.8
MERN	MER	G0	26984	13218	48.99	1.53	45.8
TRIS	LUS	TOT	24143	10734	44.46	1.37	38.5
TRIS	LUS	G0	24143	10734	44.46	1.37	38.5
TRIG	LUC	TOT	2130	2130	100.00	0.12	19.8
TRIG	LUC	COM	1420	1420	100.00	0.08	28.9
TRIG	LUC	G0	710	710	100.00	0.04	28.7
TRIG	LUC	G1PLUS	1420	1420	100.00	0.08	17.2
CALM	LYR	TOT	96574	34668	35.90	5.48	50.8
GOBD		TOT	33375	12583	37.70	1.89	6.5
PLEC	PLA	TOT	24143	11194	46.36	1.37	11.5
PLEC	PLA	COM	2130	2130	100.00	0.12	22.8
PLEC	PLA	G0	22013	10315	46.86	1.25	11.1
PLEC	PLA	G1	2130	2130	100.00	0.12	24.3
LIMD	LIM	TOT	27694	12919	46.65	1.57	9.9
LIMD	LIM	COM	710	710	100.00	0.04	3.3
LIMD	LIM	G0	26274	12072	45.95	1.49	10.3
LIMD	LIM	G1	1420	870	61.24	0.08	7.3
SOLE	VUL	TOT	11362	5877	51.73	0.64	1.8
SOLE	VUL	COM	710	710	100.00	0.04	28.7
SOLE	VUL	G0	11362	5877	51.73	0.64	1.8
SOLE	VUL	G2	710	710	100.00	0.04	28.7
CRAG	CRA	TOT	3682574	1817833	49.36	209.00	20.4
CRAG	CRA	COM	3627186	1789793	49.34	205.86	20.9
CRAG	CRA	G0	53968	29006	53.75	3.06	7.7
CRAG	CRA	G1	2679204	1389059	51.85	152.06	22.0
CRAG	CRA	G2	754126	327100	43.37	42.80	18.2
CRAG	CRA	G3PLUS	193857	79713	41.12	11.00	19.7

AN	MOIS	JOUR	STRATE	LIEU	LAT	LG	SSTRATE
85	10	5	B	GRAV	0.00	0.00	16312600

SPECIF1	STRAITS	NTRAITS	COEFECH
21	28411	7	99.83

GENRE	ESP	CAT	NB	ECTYPE	IPREC	DENSITE	PCENT
CLUP	HAR	TOT	574	574	100.00	0.04	4.6
CLUP	HAR	G1	574	574	100.00	0.04	5.2
GADU	MOR	TOT	5167	3248	62.85	0.32	79.6
GADU	MOR	G0	5167	3248	62.85	0.32	85.4
MERN	MER	TOT	25837	8267	32.00	1.58	41.9
MERN	MER	COM	1148	741	64.55	0.07	72.2
MERN	MER	G0	23540	8154	34.64	1.44	40.0
MERN	MER	G1PLUS	2297	1722	75.00	0.14	83.9
TRIS	LUS	TOT	17799	6130	34.44	1.09	28.4
TRIS	LUS	G0	17799	6130	34.44	1.09	28.4
TRIG	LUC	TOT	2871	1148	40.00	0.18	26.7
TRIG	LUC	COM	1722	812	47.14	0.11	35.1
TRIG	LUC	G1PLUS	2871	1148	40.00	0.18	34.7
CALM	LYR	TOT	72344	48205	66.63	4.43	38.1
GOBD		TOT	339901	149640	44.02	20.84	66.1
PLAT	FLE	TOT	1148	741	64.55	0.07	72.2
PLAT	FLE	COM	1148	741	64.55	0.07	100.0
PLAT	FLE	G1PLUS	1148	741	64.55	0.07	72.2
PLEC	PLA	TOT	58564	25250	43.11	3.59	27.9
PLEC	PLA	COM	574	574	100.00	0.04	6.1
PLEC	PLA	G0	57990	25158	43.38	3.55	29.3
PLEC	PLA	G2	574	574	100.00	0.04	20.6
LIMD	LIM	TOT	137224	73039	53.23	8.41	48.9
LIMD	LIM	COM	10909	5930	54.36	0.67	51.1
LIMD	LIM	G0	122870	67349	54.81	7.53	48.2
LIMD	LIM	G1	10909	6368	58.37	0.67	56.3
LIMD	LIM	G2	3445	1624	47.14	0.21	56.5
SOLE	VUL	TOT	103922	48937	47.09	6.37	16.6
SOLE	VUL	G0	103922	48937	47.09	6.37	16.7
CRAG	CRA	TOT	11468216	4680252	40.81	703.03	63.6
CRAG	CRA	COM	10872240	4351988	40.03	666.49	62.8
CRAG	CRA	G0	596549	382550	64.13	36.57	85.0
CRAG	CRA	G1	8370064	3732168	44.59	513.10	68.7
CRAG	CRA	G2	2190984	769928	35.14	134.31	52.8
CRAG	CRA	G3PLUS	311193	89303	28.70	19.08	31.6

AN	MOIS	JOUR	STRATE	LIEU	LAT	LG	SSTRATE
85	10	5	C	GRAV	0.00	0.00	14508800

SPECIFI	STRAITS	NTRAITS	COEFECH
21	32868	6	99.77

GENRE	ESP	CAT	NB	ECTYPE	IPREC	DENSITE	PCENT
CLUP	HAR	TOT	441	441	100.00	0.03	3.6
CLUP	HAR	G1	441	441	100.00	0.03	4.0
GADU	MOR	TOT	1324	905	68.31	0.09	20.4
GADU	MOR	G0	883	883	100.00	0.06	14.6
GADU	MOR	G1	441	441	100.00	0.03	100.0
MERN	MER	TOT	8829	2434	27.57	0.61	14.3
MERN	MER	COM	441	441	100.00	0.03	27.8
MERN	MER	G0	8387	2099	25.02	0.58	14.2
MERN	MER	G1PLUS	441	441	100.00	0.03	16.1
TRIS	LUS	TOT	20747	4012	19.34	1.43	33.1
TRIS	LUS	G0	20747	4012	19.34	1.43	33.1
TRIG	LUC	TOT	5739	1264	22.03	0.40	53.4
TRIG	LUC	COM	1766	558	31.62	0.12	36.0
TRIG	LUC	G0	1766	883	50.00	0.12	71.3
TRIG	LUC	G1PLUS	3973	1324	33.33	0.27	48.1
CALM	LYR	TOT	21188	5962	28.14	1.46	11.1
GOBD		TOT	141256	42209	29.88	9.74	27.5
PLAT	FLE	TOT	441	441	100.00	0.03	27.8
PLAT	FLE	G1PLUS	441	441	100.00	0.03	27.8
PLEC	PLA	TOT	127131	38332	30.15	8.76	60.6
PLEC	PLA	COM	6621	6107	92.23	0.46	71.0
PLEC	PLA	G0	117861	33619	28.52	8.12	59.6
PLEC	PLA	G1	6621	5629	85.01	0.46	75.7
PLEC	PLA	G2	2207	1732	78.49	0.15	79.4
LIMD	LIM	TOT	115654	59384	51.35	7.97	41.2
LIMD	LIM	COM	9711	3787	39.00	0.67	45.5
LIMD	LIM	G0	105942	56479	53.31	7.30	41.5
LIMD	LIM	G1	7063	3661	51.84	0.49	36.4
LIMD	LIM	G2	2649	1368	51.64	0.18	43.5
SOLE	VUL	TOT	510730	160424	31.41	35.20	81.6
SOLE	VUL	COM	1766	1766	100.00	0.12	71.3
SOLE	VUL	G0	506316	159148	31.43	34.90	81.5
SOLE	VUL	G1	1766	1766	100.00	0.12	100.0
SOLE	VUL	G2	1766	1117	63.25	0.12	71.3
SOLE	VUL	G3PLUS	883	883	100.00	0.06	100.0
CRAG	CRA	TOT	2875892	839523	29.19	198.22	16.0
CRAG	CRA	COM	2823804	828066	29.32	194.63	16.3
CRAG	CRA	G0	51205	41881	81.79	3.53	7.3
CRAG	CRA	G1	1136672	462469	40.69	78.34	9.3
CRAG	CRA	G2	1208183	370920	30.70	83.27	29.1
CRAG	CRA	G3PLUS	479830	139525	29.08	33.07	48.7

AN	MOIS	JOUR	STRATE	LIEU	LAT	LG	SSTRATE
85	10	5	TOT	GRAV	0.00	0.00	48441088

SPECIFI	STRAITS	NTRAITS	COEFECH
21	86092	18	99.82

GENRE	ESP	CAT	NB	ECTYPE	IPREC	DENSITE	PCENT
CLUP	HAR	TOT	12377	8082	65.30	0.26	0.1
CLUP	HAR	G1	10957	8313	75.87	0.23	88.5
CLUP	HAR	G2PLUS	1420	870	61.24	0.03	11.5
GADU	MOR	TOT	6492	3372	51.94	0.13	0.0
GADU	MOR	G0	6050	3366	55.63	0.12	93.2
GADU	MOR	G1	441	441	100.00	0.01	6.8
MERN	MER	TOT	61649	15779	25.60	1.27	0.3
MERN	MER	COM	1590	863	54.27	0.03	2.6
MERN	MER	G0	58911	15672	26.60	1.22	95.6
MERN	MER	G1PLUS	2738	1778	64.94	0.06	4.4
TRIS	LUS	TOT	62689	12996	20.73	1.29	0.3
TRIS	LUS	G0	62689	12996	20.73	1.29	100.0
TRIG	LUC	TOT	10740	2730	25.42	0.22	0.1
TRIG	LUC	COM	4908	1729	35.22	0.10	45.7
TRIG	LUC	G0	2476	1133	45.76	0.05	23.1
TRIG	LUC	G1PLUS	8264	2256	27.30	0.17	76.9
CALM	LYR	TOT	190106	59675	31.39	3.93	0.9
GOBD		TOT	514532	155987	30.32	10.63	2.5
PLAT	FLE	TOT	1590	863	54.27	0.03	0.0
PLAT	FLE	COM	1148	741	64.55	0.02	72.2
PLAT	FLE	G1PLUS	1590	863	54.27	0.03	100.0
PLEC	PLA	TOT	209838	47247	22.52	4.33	1.0
PLEC	PLA	COM	9326	6493	69.63	0.19	4.4
PLEC	PLA	G0	197864	43238	21.85	4.09	94.3
PLEC	PLA	G1	8752	6018	68.77	0.18	4.2
PLEC	PLA	G2	2781	1825	65.62	0.06	1.3
LIMD	LIM	TOT	280571	95016	33.87	5.80	1.4
LIMD	LIM	COM	21330	7072	33.15	0.44	7.6
LIMD	LIM	G0	255086	88721	34.78	5.27	90.9
LIMD	LIM	G1	19392	7397	38.14	0.40	6.9
LIMD	LIM	G2	6094	2123	34.84	0.13	2.2
SOLE	VUL	TOT	626014	167825	26.81	12.93	3.1
SOLE	VUL	COM	2476	1903	76.87	0.05	0.4
SOLE	VUL	G0	621600	166605	26.80	12.84	99.3
SOLE	VUL	G1	1766	1766	100.00	0.04	0.3
SOLE	VUL	G2	2476	1323	53.45	0.05	0.4
SOLE	VUL	G3PLUS	883	883	100.00	0.02	0.1
CRAG	CRA	TOT	18026672	5090584	28.24	372.37	88.7
CRAG	CRA	COM	17323216	4777952	27.58	357.84	96.1
CRAG	CRA	G0	701722	385927	55.00	14.50	3.9
CRAG	CRA	G1	12185936	4009042	32.90	251.72	67.6
CRAG	CRA	G2	4153290	915077	22.03	85.79	23.0
CRAG	CRA	G3PLUS	984881	183838	18.67	20.34	5.5