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AREAS OF SEABED WITHIN SELECTED DEPTH RANGES IN THE SOUTH-WEST ATLANTIC AND ANTARCTIC PENINSULA REGIONS OF THE SOUTHERN OCEAN

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Abstract

Data were tabulated for FAO sub-areas : 48.1 (East), 48.1 (West), 48.2, 48.3, 48.4, 48.5 and 88. Total areas and sea areas were given for these categories. Areas estimated from admiralty charts were expressed as percentages for the following depth ranges : 0-50, 50-100, 150-250, 250-500 and >500m; 0-150, 0-250, 0-500, >50, >150, and >500m. Extra detailed information was presented for subdivisions 50, 51, and 52 of sub-area 48.3.

Résumé

Les données ont été présentées sous forme de tableau pour les sous-zones de la FAO : 48.1 (Est), 48.1 (Ouest), 48.2, 48.3, 48.4, 48.5 et 88. Les zones totales et les régions marines ont été données pour ces catégories. Les régions estimées à partir des cartes marines ont été exprimées en pourcentages pour les gammes de profondeur suivantes : 0-50, 50-100, 150-250, 250-500 et >500m; 0-150, 0-250, 0-500, >50, >150, et >500m. D'autres renseignements détaillés ont été présentés pour les subdivisions 50, 51, et 52 de la sous-zone 48.3.

Resumen

Se tabularon datos para las siguientes sub-áreas FAO : 48.1 (Oriental), 48.1 (Occidental), 48.2, 48.3, 48.4, 48.5 y 88. Se dieron áreas totales y áreas de mar para estas categorías. Las áreas estimadas en base a cartas de almirantazgo fueron expresadas como porcentajes para los siguientes rangos de profundidad : 0-50, 50-100, 150-250, 250-500 y >500m; 0-150, 0-250, 0-500, >50, >150, y >500m. Se presentó información detallada adicional para las subdivisiones 50, 51 y 52 de la sub-área 48.3.

Резюме

Сведены в таблицы данные по следующим подрайонам ФАО: 48.1 (восточная часть), 48.1 (западная часть), 48.2, 48.3, 48.4, 48.5 и 88. По каждому из них даны общая площадь и площадь акватории. Площади, определенные по адмиралтейским картам, даны в процентном выражении для следующих диапазонов глубин: 0-50, 50-100, 150-250, 250-500 и >500 м, 0-150, 0-250, 0-500, >50, >150 и >500 м. По подучасткам 50, 51 и 52 подрайона 48.3 дана дополнительная подробная информация.

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IN THE SOUTH-WEST ATLANTIC AND ANTIARCTIC  
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INTRODUCTION

During the first meeting of the Fish Biology Working Party of the SCAR/SCOR/IABO/ACMRR Group of Specialists on Living Resources of the Southern Ocean it was recognised that in order to facilitate stock assessment studies it would be advantageous to have information on areas of seabed between selected depth contours. This paper provides this information for the Antarctic Peninsula and the Scotia Arc regions (Figure 1). This paper was originally published as I. Everson (1984)\*. This is a revised and corrected version of that paper.

METHODS

Contours at 50, 150, 250 and 500 metres depth were drawn on Admiralty Charts covering the whole area. The FAO sub-areas were then marked in and each sub-area divided into rectangles for the area analyses. Where an area was present on more than one chart the rectangle used was that on the largest scale chart. Areas were estimated using transparent millimetre graph paper and the areas converted to square kilometers by reference to the scale at the relevant latitude. The results are set out in Tables 1 - 15. The co-ordinates are those of the northern, southern, eastern and western limits of each rectangle. All latitudes are in degrees south, all longitudes in degrees west. In several instances these include rectangles from larger scale charts although the areas have been treated separately, (i.e. there is no overlap in the area measured).

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\* I. Everson, Areas of Seabed within Selected Depth Ranges in the South-West Atlantic and Antarctic Peninsula Regions of the Southern Ocean, British Antarctic Survey, Cambridge, 1984.

Table 1 Summary of areas of seabed between specified depth ranges.  
Where no number is entered, the area has been incorporated into  
the next deepest range.

FAO sub-area	Area of sea (km <sup>2</sup> ) within depth range (m)					Total	Table numbers
	0-50	50-150	150-250	250-500	>500		
48.1 (East)						218 101	2, 9
48.1 (West)						572 070	3, 10
48.2	-	3 404	4 255	17 020	826 318	850 997	4, 11
48.3	1 342	10 733	22 808	12 075	1 296 055	1 341 672	5, 12
48.4	-	-	-	847	846 250	847 097	6, 13
48.5	-	-	-	209 598	1 973 713	2 183 316	7, 14
88 (70°- 92°W)	-	19 275	3 401	40 817	1 070 314	1 133 807	8, 15

Table 2 FAO Subarea 48.1 (East).

Subdivision	Coordinates				% Sea area in depth range (m)					Area (km <sup>2</sup> )	
	N	S	E	W	0-50	50-150	150-250	250-500	>500	Sea	Total
1	62°00'	62°20'	59°30'	60°00'	-	2.2	8.7	44.6	44.6	956	957
2	62°00'	62°20'	58°30'	59°30'	-	91.6	2.9	3.7	1.8	1359	1934
3	62°00'	62°20'	57°30'	58°30'	-	27.6	6.4	12	54	1500	1934
4	62°20'	62°40'	57°30'	58°30'	-	0	0	0	100	1898	1898
5	62°20'	62°40'	58°30'	59°30'	-	9.5	2.7	3.2	84.5	1809	1898
6	62°20'	62°40'	59°30'	60°00'	-	63.3	8.7	9.7	18.4	772	949
7	62°40'	63°05'	59°00'	60°00'	-	0.3	0.3	2.6	96.7	2350	2352
8	62°40'	63°05'	58°00'	59°00'	-	4.6	3.4	22.7	69.3	2352	2352
9	62°40'	63°05'	57°30'	58°00'	-	95.3	2	2.7	0	1176	1176
10	60°00'	61°00'	50°00'	60°00'	-	0.6	1.2	2.6	95.6	60850	60850
11	61°00'	63°00'	50°00'	53°00'	0	0	0	0	100	34819	34819
[ 12	58°00'	60°00'	50°00'	58°00'	0	0	0	0	100	101837	101837]*
13	61°00'	62°00'	57°30'	60°00'	-	6.6	4.3	20.4	68.8	14417	14740
14	61°00'	62°00'	56°00'	57°30'	-	1.5	2.4	28.4	67.4	8843	8843
15	61°00'	62°00'	53°00'	56°00'	-	11.6	2.8	12.1	73.5	17110	17686
16	62°00'	63°00'	56°00'	57°30'	-	14.4	11.1	12.9	61.6	8539	8555
17	62°00'	63°00'	53°00'	56°00'	-	2	18	41.8	38.2	17109	17109
18	63°05'	64°00'	57°30'	60°00'	-	31.7	5.8	16.5	45.9	5136	12587
19	63°00'	64°00'	56°00'	57°30'	-	15.4	3.6	7.2	73.8	6279	8268
20	63°00'	64°00'	50°00'	56°00'	-	4.5	1.8	86.1	7.5	30827	33082
Total for sub-area 48.1 (East)					-	5.6	3.2	11.6	79.6	218101	226989

\*Subdivision 12 is outside of Subarea 48.1

1  
53  
1

Table 3 FAO Subarea 48.1 (West).

Subdivision	Coordinates				% Sea area in depth range (m)					Area (km <sup>2</sup> )	
	N	S	E	W	0-50	50-150	150-250	250-500	>500	Sea	Total
21	62°00'	62°20'	60°30'	61°10'	-	2.2	8.7	44.6	44.6	1284	1284
22	62°20'	62°40'	60°30'	61°10'	-	85.7	7.7	6.6	0	964	1266
23	62°40'	63°05'	60°30'	61°10'	-	24.7	27.4	44	3.9	1476	1565
24	62°40'	63°05'	60°00'	60°30'	-	7.3	5.5	9.6	77.6	1036	1174
25	62°20'	62°40'	60°00'	60°30'	-	95.2	2.1	2.8	0	564	947
26	62°00'	62°20'	60°00'	60°30'	-	54.1	17.8	19	9.1	961	961
27	60°00'	64°00'	64°00'	70°00'	0	0	0	3.4	96.6	371299	371299
28	60°00'	61°00'	60°00'	64°00'	0	0	0	0	100	24340	24340
29	64°00'	66°00'	68°00'	70°00'	-	0.4	-	49.2	50.4	20886	20886
30	66°00'	67°00'	68°00'	70°00'	-	3.9	3.1	67.9	25.1	9226	9850
31	67°00'	68°00'	68°00'	70°00'	-	51.8	12.7	25	10.5	6607	9456
32	68°00'	69°00'	68°00'	70°00'	-	19.2	6	61.4	13.5	9049	9054
33	66°00'	67°00'	66°00'	68°00'	-	22.1	23.4	49.7	4.8	8110	9850
34	67°00'	68°00'	66°00'	68°00'	-	36.6	17.2	37.6	8.6	2261	9456
35	68°00'	69°00'	66°00'	68°00'	-	53.4	23	23.6	0	3555	9054
36	61°00'	62°00'	61°10'	64°00'	0	0	0	0	100	16703	16703
37	62°00'	63°00'	61°10'	64°00'	-	15.9	5	6.8	72.3	15952	16159
38	63°00'	64°00'	61°10'	64°00'	-	19.2	12.9	36.2	31.7	14894	15617
39	61°00'	62°00'	60°00'	61°10'	-	0	0	3.2	96.8	6877	6877
40	63°05'	64°00'	60°00'	61°10'	-	22.3	5.2	9.2	63.3	5586	5874
41	65°00'	66°00'	66°00'	68°00'	-	13.9	23	50.9	12.2	10085	10245
42	64°00'	65°00'	66°00'	68°00'	0	0	2.4	67.1	30.5	10637	10637
43	64°00'	65°00'	64°00'	66°00'	-	15.3	7.2	43	34.5	10407	10637
44	65°00'	66°00'	64°00'	66°00'	-	42.2	42.2	11.2	4.4	8685	10245
45	66°00'	67°00'	64°00'	66°00'	-	5.6	5.6	1	0	1196	9850
46	64°00'	65°00'	62°00'	64°00'	-	35.9	35.9	16	12.1	6744	10637
47	64°00'	65°00'	61°00'	62°00'	-	33.7	33.7	18.4	14.2	2686	5319
Total for sub-area 48.1 West					-	10.4	6.1	18.6	64.9	572070	609242

Table 4 FAO Subarea 48.2.

Subdivision	Coordinates				% Sea area in depth range (m)					Area (km <sup>2</sup> )	
	N	S	E	W	0-50	50-150	150-250	250-500	>500	Sea	Total
73	60°21'	60°40'	44°10'	45°00'	-	10.8	7.8	15.9	65.5	1601	1603
74	60°40'	61°00'	44°10'	45°00'	-	27.6	61.4	11	0	1930	2008
75	60°40'	61°00'	45°00'	46°00'	-	19	29	52	0	1927	2008
76	60°40'	61°00'	46°00'	47°00'	-	11.2	70.8	18	0	2008	2008
77	60°00'	64°00'	30°00'	50°00'	0	0	0	4.5	95.5	452647	452647 *
78	57°00'	60°00'	30°00'	50°00'	0	0	0	0	100	387430	387430
79	60°21'	60°40'	46°00'	47°00'	-	65	10.7	5	19.3	1919	1926
80	60°21'	60°40'	45°00'	46°00'	-	29.2	16	18.1	36.6	1535	1926
Total for sub-area					0	0.4	0.5	2	97.1	850997	851556

\* Excludes areas 73-76, 79, 80.

Table 5 FAO Subarea 48.3.

Subdivision	Coordinates				% Sea area in depth range (m)					Area (km <sup>2</sup> )	
	N	S	E	W	0-50	50-150	150-250	250-500	>500	Sea	Total
48	50°00'	53°00'	30°00'	46°00'	0	0	0	0	100	369297	369297
49	56°00'	57°00'	30°00'	46°00'	0	0	0	0	100	109136	109136
50	53°00'	56°00'	40°00'	46°00'	-	0.9	1.7	0.7	96.7	344470	344486
51	53°00'	56°00'	35°00'	40°00'	-	1.9	5.2	1.9	91	70190	70190 *
52	53°00'	56°00'	30°00'	35°00'	-	0.6	0.9	0.7	97.8	322942	322954
53	50°00'	57°00'	46°00'	50°00'	0	0	0	0	100	92322	92322
54	53°40'	54°00'	38°00'	38°50'	1.4	21	40.6	31.6	5.4	2023	2025
55	53°40'	54°00'	37°00'	38°00'	2.1	55.2	24.8	17.9	0	2414	2430
56	53°40'	54°00'	36°00'	37°00'	0	1.8	30.6	56.6	11	2430	2430
57	53°40'	54°00'	35°10'	36°00'	0	0	3.1	12	84.9	2025	2025
58	54°00'	54°30'	38°00'	38°50'	0.7	4.8	92.8	1.7	0	2994	3007
59	54°00'	54°30'	37°00'	38°00'	9.4	34.1	41	15.5	0	2732	3608
60	54°00'	54°30'	36°00'	37°00'	7.6	40.3	31.6	20.6	0	1487	3608
61	54°00'	54°30'	35°10'	36°00'	0	4.1	53.4	18.5	24	3006	3007
62	54°30'	55°05'	35°10'	36°00'	2.6	47.7	25.7	23.9	0.2	3262	3454
63	54°30'	55°05'	36°00'	37°00'	7	26.9	39.2	20.5	6.3	3347	4144
64	54°30'	55°05'	37°00'	38°00'	0.1	6.4	25.6	36.1	31.8	4141	4144
65	54°30'	55°05'	38°00'	38°50'	0	0	25.6	11.4	63	3454	3454
Total for sub-area					0.1	0.8	1.7	0.9	96.6	1341672	1345721

\* Excludes area included in 54-65.

NOTE:

A more detailed analysis of subdivisions 50, 51, & 52 is given in tables 17 & 18.



Table 6 FAO Subarea 48.4.

Subdivision	Coordinates				% Sea area in depth range (m)		Area (km <sup>2</sup> )	
	N	S	E	W	0-500	>500	Sea	Total
66	56°00'	60°00'	24°00'	29°30'	0.9	99.1	143782	144073
67	50°00'	53°00'	26°00'	30°00'	0	100	92322	92322
68	53°00'	56°00'	26°00'	30°00'	0	100	86121	86121
69	60°00'	64°00'	24°00'	30°00'	0	100	139235	139235
70	56°00'	60°00'	29°30'	30°00'	0	100	13097	13097
71	50°00'	56°00'	20°00'	26°00'	0	100	267758	267758
72	56°00'	60°00'	20°00'	24°00'	0	100	104782	104782
Total for sub-area					0.1	99.9	847097	847388

Table 7 FAO Subarea 48.5.

Subdivision	Coordinates				% Sea area in depth range (m)		Area (km <sup>2</sup> )	
	N	S	E	W	0-500	>500	Sea	Total
81	65°00'	70°00'	50°00'	66°00'	50	50	313029	378286
82	64°00'	65°00'	50°00'	60°00'	51.6	48.4	49890	53196
83	64°00'	65°00'	30°00'	50°00'	0	100	106396	106396
84	65°00'	70°00'	30°00'	50°00'	0	100	472858	472858
85	64°00'	78°00'	20°00'	30°00'	9.9	90.1	507572	563141
86	70°00'	78°00'	30°00'	62°00'	15.8	84.2	733571	871718
Total for sub-area					9.6	90.4	2183316	2445595

Table 8 FAO Subarea 88.

Subdivision	Coordinates				% Sea area in depth range (m)					Area (km <sup>2</sup> )	
	N	S	E	W	0-50	50-150	150-250	250-500	>500	Sea	Total
87	60°00'	66°00'	70°00'	92°00'	0	0	0	0	100	740541	740541
88	66°00'	70°00'	70°00'	92°00'	-	4.6	0.8	10.1	84.4	393266	407327
Total for sub-area 88					0	1.7	0.3	3.6	94.4	1133807	1147868

Table 9 FAO Subarea 48.1 (East).

Subdivision	Coordinates				% Sea area in depth range (m)							Total Sea area (km <sup>2</sup> )
	N	S	E	W	0-150	0-250	0-500	>50	>150	>250	>500	
1	62°00'	62°20'	59°30'	60°00'	2.2	10.8	55.4	100	97.8	89.2	44.6	956
2	62°00'	62°20'	58°30'	59°30'	91.6	94.5	98.2	100	8.4	5.5	1.8	1359
3	62°00'	62°20'	57°30'	58°30'	27.6	34	46	100	72.4	66	54	1500
4	62°20'	62°40'	57°30'	58°30'	0	0	0	100	100	100	100	1898
5	62°20'	62°40'	58°30'	59°30'	9.5	12.2	15.5	100	90.5	87.8	84.5	1809
6	62°20'	62°40'	59°30'	60°00'	63.3	71.9	81.6	100	36.7	28.1	18.4	772
7	62°40'	63°05'	59°00'	60°00'	0.3	0.7	3.3	100	99.7	99.3	96.7	2350
8	62°40'	63°05'	58°00'	59°00'	4.6	8	30.7	100	95.4	92	69.3	2352
9	62°40'	63°05'	57°30'	58°00'	95.3	97.3	100	100	4.7	2.7	0	1176
10	60°00'	61°00'	50°00'	60°00'	0.6	1.8	4.4	100	99.4	98.2	95.6	60850
11	61°00'	64°00'	50°00'	53°00'	0	0	0	100	100	100	100	34819
[12	58°00'	60°00'	50°00'	58°00'	0	0	0	100	100	100	100	1018371*
13	61°00'	62°00'	57°30'	60°00'	6.6	10.8	31.2	100	93.4	89.2	68.8	14417
14	61°00'	62°00'	56°00'	57°30'	1.5	3.8	32.2	100	98.5	96.2	67.8	8843
15	61°00'	62°00'	53°00'	56°00'	11.6	14.4	26.5	100	88.4	85.6	73.5	17110
16	62°00'	63°00'	56°00'	57°30'	14.4	25.5	38.4	100	85.6	74.5	61.6	8539
17	62°00'	63°00'	53°00'	56°00'	2	20	61.8	100	98	80	78.2	17109
18	63°05'	64°00'	57°30'	60°00'	31.7	37.6	54.1	100	68.3	62.4	45.9	12587
19	63°00'	64°00'	56°00'	57°30'	15.4	19	26.2	100	84.6	81	73.8	6279
20	63°00'	64°00'	53°00'	56°00'	4.6	6.4	92.5	100	95.4	93.6	7.5	30827
Total for sub-area 48.1 (East)					5.6	8.8	20.4	100	94.6	91.5	80.3	218101

\* Subdivision 12 is outside of Subarea 48.1

Table 10 FAO Subarea 48.1 (West).

Subdivision	Coordinates				% Sea area in depth range (m)							Total Sea area (km <sup>2</sup> )
	N	S	E	W	0-150	0-250	0-500	>50	>150	>250	>500	
21	62°00'	62°20'	60°30'	61°10'	2.2	10.8	55.4	100	97.8	89.2	44.6	1284
22	62°20'	62°40'	60°30'	61°10'	85.7	93.4	100	100	14.3	6.6	0	964
23	62°40'	63°05'	60°30'	61°10'	24.7	52.1	96.1	100	75.3	47.9	3.9	1476
24	62°40'	63°05'	60°00'	60°30'	7.3	12.9	22.4	100	92.4	87.1	77.6	1036
25	62°20'	62°40'	60°00'	60°30'	95.2	97.2	100	100	4.8	2.8	0	564
26	62°20'	62°20'	60°00'	60°30'	54.1	71.9	90.9	100	45.9	28.1	9.1	961
27	60°00'	64°00'	64°00'	70°00'	0	0	3.4	100	100	100	96.6	371299
28	60°00'	61°00'	60°00'	64°00'	0	0	0	100	100	100	100	24340
29	64°00'	66°00'	68°00'	70°00'	0.4	0.4	49.6	100	96.6	96.6	50.4	20886
30	66°00'	67°00'	80°00'	70°00'	3.9	7	74.9	100	96.1	93	25.1	9226
31	67°00'	68°00'	68°00'	70°00'	51.8	64.5	89.5	100	48.2	35.5	10.5	6607
32	68°00'	69°00'	68°00'	70°00'	19.2	25.2	86.5	100	80.8	74.8	13.5	9049
33	66°00'	67°00'	66°00'	68°00'	22.1	45.5	45.2	100	77.9	54.5	4.8	8110
34	67°00'	68°00'	66°00'	68°00'	36.6	53.8	91.4	100	63.4	46.2	8.6	2261
35	68°00'	69°00'	66°00'	68°00'	53.4	76.4	100	100	46.6	23.6	0	3555
36	61°00'	62°00'	61°10'	64°00'	0	0	0	100	100	100	100	16703
37	62°00'	63°00'	61°10'	64°00'	15.9	20.9	27.7	100	84.1	79.1	72.3	16159
38	63°00'	64°00'	61°10'	64°00'	19.2	32.1	68.3	100	80.8	67.9	31.7	15617
39	61°00'	62°00'	60°00'	61°10'	0	0	3.2	100	100	100	96.8	6877
40	63°05'	64°00'	60°00'	61°10'	22.3	27.5	36.7	100	77.7	72.5	63.3	5586
41	65°00'	66°00'	66°00'	68°00'	13.9	37	87.8	100	86.1	63	12.2	10085
42	64°00'	65°00'	66°00'	68°00'	0	2.4	69.5	100	100	97.6	30.5	10637
43	64°00'	65°00'	64°00'	68°00'	15.3	22.5	65.5	100	84.7	77.5	34.5	10407
44	65°00'	66°00'	64°00'	66°00'	42.2	84.4	95.6	100	57.8	15.6	4.4	8685
45	66°00'	67°00'	64°00'	66°00'	5.6	11.2	12.1	100	94.4	88.8	87.9	1196
46	64°00'	65°00'	62°00'	64°00'	35.9	71.9	87.9	100	64.1	28.1	12.1	6744
47	64°00'	65°00'	61°00'	62°00'	33.7	67.4	85.8	100	66.3	32.6	14.2	5319
Total for sub-area 48.1 (West)					10.0	15.4	33.8	100	90	84.1	66.2	575633

Table 11 FAO Subarea 48.2.

Subdivision	Coordinates				% Sea area in depth range (m)							Total Sea area (km <sup>2</sup> )
	N	S	E	W	0-150	0-250	0-500	>50	>150	>250	>500	
73	60°21'	60°40'	44°10'	45°00'	10.8	18.6	34.5	100	89.2	81.4	65.5	1601
74	60°40'	61°00'	44°10'	45°00'	27.6	89	100	100	72.4	11	0	1930
75	60°40'	61°00'	45°00'	46°00'	19	48	100	100	81	52	0	1927
76	60°40'	61°00'	46°00'	47°00'	11.2	82	100	100	88.8	18	0	2008
77	60°00'	64°00'	30°00'	50°00'	0	0	4.5	100	100	100	95.5	452647*
78	57°00'	60°00'	30°00'	50°00'	0	0	0	100	100	100	100	387430
79	60°21'	60°40'	46°00'	47°00'	65	75.7	80.7	100	35	24.3	19.3	1919
80	60°21'	60°40'	45°00'	46°00'	29.2	45.2	63.4	100	70.8	54.8	36.6	1535
Total for sub-area 48.2.3					0.4	0.8	2.9	100	99.6	99.2	97.1	850997

Excludes areas 73-76, 79-80

Table 12 FAO Subarea 48.3.

Subdivision	Coordinates				% Sea area in depth range (m)							Total Sea area (km <sup>2</sup> )
	N	S	E	W	0-150	0-250	0-500	>50	>150	>250	>500	
48	50°00'	53°00'	30°00'	46°00'	0	0	0	100	100	100	100	369297
49	56°00'	57°00'	30°00'	46°00'	0	0	0	100	100	100	100	109136
50	53°00'	56°00'	40°00'	46°00'	0.9	2.6	3.3	100	99.1	96.4	96.7	344470
51	53°00'	56°00'	35°00'	40°00'	1.9	7.1	9	100	98.1	92.9	91	70190*
52	53°00'	56°00'	30°00'	35°00'	0.6	1.5	2.2	100	99.4	98.5	97.8	322942
53	50°00'	53°00'	46°00'	50°00'	0	0	0	100	100	100	100	92322
54	54°00'	54°00'	38°00'	38°50'	22.4	63	94.6	98.6	77.6	87	5.4	2023
55	53°40'	54°00'	37°00'	38°00'	57.4	82.1	100	100	97.9	42.6	17.9	2414
56	53°40'	54°00'	36°00'	37°00'	1.8	32.4	89	100	98.2	67.6	11	2430
57	53°40'	54°00'	35°10'	36°00'	0	3.1	15.1	100	100	96.9	84.9	2025
58	54°00'	54°30'	38°00'	38°50'	5.5	98.3	100	99.3	94.5	1.7	0	2994
59	54°00'	54°30'	37°00'	38°00'	43.5	84.5	100	90.6	56.6	15.5	0	2732
60	54°00'	54°30'	36°00'	37°00'	47.9	79.4	100	92.4	52.1	20.6	0	1487
61	54°00'	54°30'	35°10'	36°00'	4.2	57.6	76	100	95.8	42.4	24	3006
62	54°30'	55°05'	35°10'	36°00'	50.3	76	99.8	97.4	49.7	24	0.2	3262
63	54°30'	55°05'	36°00'	37°00'	34	73.2	93.7	93	66	26.8	6.3	3347
64	54°30'	55°05'	37°00'	38°00'	6.4	32	68.2	99.9	93.6	68	31.8	4141
65	54°30'	55°05'	38°00'	38°50'	0	25.6	37	100	100	74.4	63	3454
Total for sub-area 48.2.1					1.0	2.8	3.8	99.9	99.0	97.2	96.2	1341672

\* Excludes area included in 54-65

Table 13 FAO Subarea 48.4.

Subdivision	Coordinates				% Sea area in depth range (m)		Total sea area (km <sup>2</sup> )
	N	S	E	W	0-500	>500	
66	56°00'	60°00'	24°00'	29°30'	0.9	99.1	143782
67	50°00'	53°00'	26°00'	30°00'	0	100	92322
68	53°00'	56°00'	26°00'	30°00'	0	100	86121
69	60°00'	64°00'	24°00'	30°00'	0	100	139235
70	56°00'	60°00'	29°30'	30°00'	0	100	13097
71	50°00'	56°00'	20°00'	26°00'	0	100	267758
72	56°00'	60°00'	20°00'	24°00'	0	100	104782
Total for sub-area 48.2.2					0.1	99.9	847097



Table 14 FAO Subarea 48.5.

Subdivision	Coordinates				% Sea area in depth range (m)						Total Sea area (km <sup>2</sup> )	
	N	S	E	W	0-150	0-250	0-500	>50	>150	>250		>500
81	65°00'	70°00'	50°00'	66°00'			50		50		50	313029
82	64°00'	65°00'	50°00'	60°00'			48.4				45.4	49890
83	64°00'	65°00'	30°00'	50°00'							100	106396
84	65°00'	70°00'	30°00'	50°00'							100	472858
85	64°00'	78°00'	20°00'	30°00'	0		9.9	100			90.1	507572
86	70°00'	78°00'	30°00'	62°00'			15.8				84.2	733571
Total for sub-area 48.3							9.6	100			90.4	2183316

Table 15 FAO Subarea 88.

Subdivision	Coordinates				% Sea area in depth range (m)							Total Sea area (km <sup>2</sup> )
	N	S	E	W	0-150	0-250	0-500	>50	>150	>250	>500	
87	60°00'	66°00'	70°00'	92°00'	0	0	0	100	100	100	100	740541
88	66°00'	70°00'	70°00'	92°00'	4.6	5.5	15.6	100	95.4	94.5	84.4	393266
Total for sub-area 88					1.7	2.0	5.6	100	98.3	96.3	94.4	1133807

Table 16 UK Admiralty Charts used to estimate the areas of seabed.

Chart		Subdivision Reference Numbers					
Number	Title	sub-area 48.1	sub-area 48.2	sub-area 48.3	sub-area 48.4	sub-area 48.5	sub-area 88
1775	South Orkney Islands		73-76,79,80				
1776	Livingston Island to King George Island	1-9,21-26					
3175	Approaches to Graham Land	10,11,27-29	77			81-83	85,86
3200	Falkland Islands to Graham Land	12-20	78	53	69-72		
3205	South Shetland Islands and Bransfield Strait	36-40					
3570	Brabant Island to Adelaide Island	41-47					
3571	Lavoisier Island to Alexander Island	30-35					
3593	South Sandwich Islands				66		
3596	Approaches to South Georgia			48-52	67,68		
3597	South Georgia			54-65			
3176	Weddell Sea					84	

Table 17 Detail analysis of Subdivisions 50, 51 and 52 in FAO Subarea 48.3 (Data derived from "Bathymetric Chart of the Approaches to South Georgia" Edition 1. Compiled by R.B. Heywood and L.S. Allen, British Antarctic Survey. BAS (Misc) 4 Edition 1 1984).

Subdivision	Boundary				% Sea Area in Depth Range					Area (km <sup>2</sup> )	
	Lat (°S)		Long (°W)		0-50	50-150	150-250	250-500	>500	Sea	Total
	N	S	E	W							
* 50	53°00'	56°00'	40°00'	46°00'	0	0	0	0	100	322193	322193
89	53°00'	54°00'	40°00'	43°00'	0.7	5.6	11.0	7.2	74.1	22286	22293
51	55°40'	56°00'	34°00'	40°00'	0	0	0	0	100	13809	13809
52	53°00'	56°00'	30°00'	34°00'	0	0	0	0	100	85940	85940
90	53°00'	53°40'	38°50'	40°00'	0	0	0	0	100	5780	5780
91	53°00'	53°40'	38°00'	38°50'	0	0	2.4	0.9	96.7	4128	4128
92	53°00'	53°40'	37°00'	38°00'	0	0	2.9	4.8	92.3	4954	4954
93	53°00'	53°40'	36°00'	37°00'	0	0	2.5	3.5	94.0	4954	4954
94	53°00'	53°40'	35°10'	36°00'	0	0	0	0	100	4128	4128
95	53°00'	53°40'	34°10'	35°10'	0	0	0	0	100	5780	5780
96	53°40'	54°30'	38°50'	40°00'	0	0.5	35.3	15.1	49.1	7157	7157
97	54°30'	55°05'	38°50'	40°00'	0	0	0	0.5	99.5	4904	4904
98	53°40'	54°30'	34°00'	35°10'	0	0	0	0	100	7157	7157
99	54°30'	55°05'	34°00'	35°10'	1.4	10.0	11.5	13.5	63.6	4896	4904
100	55°05'	55°40'	38°50'	40°00'	0	0	0	0	100	4814	4814
101	55°05'	55°40'	38°00'	38°50'	0	0	0	0	100	3439	3439
102	55°05'	55°40'	37°00'	38°00'	0	0	0	0	100	4126	4126
103	55°05'	55°40'	36°00'	37°00'	0	0	7.8	3.0	89.2	4126	4126
104	55°05'	55°40'	35°10'	36°00'	0	17.5	40.8	18.3	23.4	3439	3439
105	55°05'	55°40'	34°00'	35°10'	0	5.7	13.0	5.4	75.9	4814	4814

Table 18 Detail analysis of Subdivisions 50, 51 and 52 in FAO Subarea 48.3. (Data derived from "Bathymetric Chart of the Approaches to South Georgia" Edition 1. Compiled by R.B. Heywood and L.S. Allen, British Antarctic Survey. BAS (Misc) 4 Edition 1 1984).

Subdivision	Boundary				% Sea Area in Depth Range								Area (km <sup>2</sup> )
	Lat (°S)		Long (°W)		0-150	0-250	0-500	>50	>150	>250	>500	Total Sea	
	N	S	E	W									
* 50	53°00'	56°00'	40°00'	46°00'	0	0	0	100	100	100	100	322193	
89	53°00'	54°00'	40°00'	43°00'	6.3	17.3	24.6	98.0	92.4	81.4	74.1	22286	
51	55°40'	56°00'	34°00'	40°00'	0	0	0	100	100	100	100	13809	
52	53°00'	56°00'	30°00'	34°00'	0	0	0	100	100	100	100	85940	
90	53°00'	53°40'	38°50'	40°00'	0	0	0	100	100	100	100	5780	
91	53°00'	53°40'	38°00'	38°50'	0	2.4	3.3	100	100	97.6	96.7	4128	
92	53°00'	53°40'	37°00'	38°00'	0	2.9	7.6	100	100	97.1	92.4	4954	
93	53°00'	53°40'	36°00'	37°00'	0	2.6	6.0	100	100	97.5	94.0	4954	
94	53°00'	53°40'	35°10'	36°00'	0	0	0	100	100	100	100	4128	
95	53°00'	54°40'	34°10'	35°10'	0	0	0	100	100	100	100	5780	
96	53°40'	54°30'	38°50'	40°00'	0.5	35.7	50.8	100	99.6	64.3	49.2	7157	
97	54°30'	55°05'	38°50'	40°00'	0	0	0.5	100	100	100	99.5	4904	
98	53°40'	54°30'	34°00'	35°10'	0	0	0	100	100	100	100	7157	
99	54°30'	55°05'	34°00'	35°10'	11.4	22.9	36.9	98.6	88.6	77.1	63.6	4896	
100	55°05'	55°40'	38°50'	40°00'	0	0	0	100	100	100	100	4814	
101	55°05'	55°40'	38°00'	38°50'	0	0	0	100	100	100	100	3439	
102	55°05'	55°40'	37°00'	38°00'	0	0	0	100	100	100	100	4126	
103	55°05'	55°40'	36°00'	37°00'	0	7.8	10.8	100	100	92.2	89.2	4126	
104	55°05'	55°40'	35°10'	36°00'	17.5	58.3	76.6	100	82.5	41.7	23.4	3439	
105	55°05'	55°40'	34°00'	35°10'	5.7	18.7	24.1	100	94.3	81.3	75.9	4814	

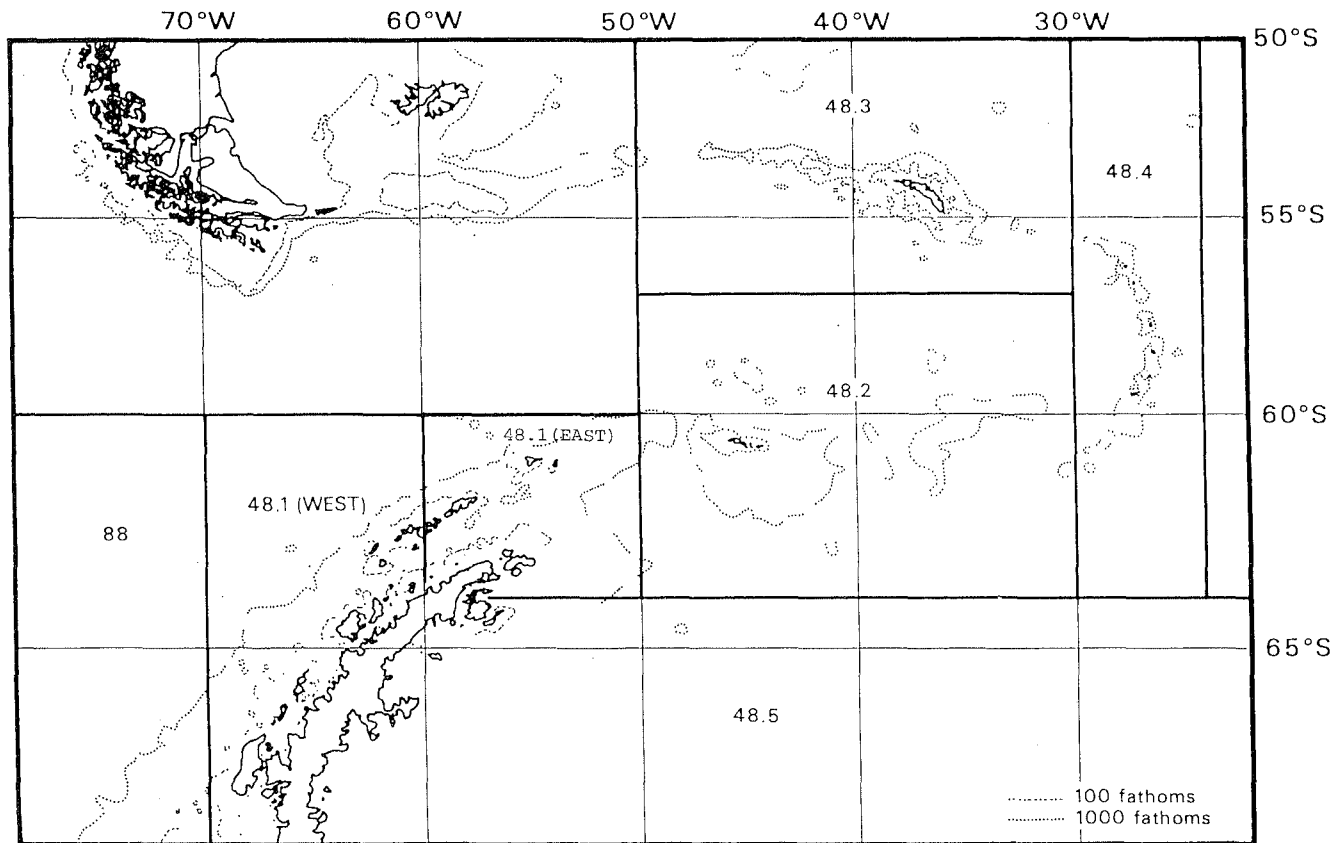


Figure 1 Subareas designated by FAO in the south-west Atlantic Ocean.

Légendes des tableaux

- Tableau 1 Récapitulation des zones de fond marin au sein d'échelles de profondeur spécifiées. L'absence de chiffre indique que la zone a été incorporée dans l'échelle de plus grande profondeur voisine.
- Tableau 2 Sous-zone FAO 48.1 (Est).
- Tableau 3 Sous-zone FAO 48.1 (Ouest).
- Tableau 4 Sous-zone FAO 48.2.
- Tableau 5 Sous-zone FAO 48.3.
- Tableau 6 Sous-zone FAO 48.4.
- Tableau 7 Sous-zone FAO 48.5.
- Tableau 8 Sous-zone FAO 88.
- Tableau 9 Sous-zone FAO 48.1 (Est).
- Tableau 10 Sous-zone FAO 48.1 (Ouest).
- Tableau 11 Sous-zone FAO 48.2.
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- Tableau 15 Sous-zone FAO 88.
- Tableau 16 Cartes de la marine du Royaume-Uni utilisées pour estimer les zones de fond marin.
- Tableau 17 Analyse détaillée des subdivisions 50, 51 et 52 dans la sous-zone FAO 48.3 (Données tirées de "Bathymetric Chart of the Approches to South Georgia" Edition 1. Compilées par R.B. Heywood et L.S. Allen, British Antarctic Survey. BAS (Misc) 4 Edition 1 1984).
- Tableau 18 Analyse détaillée des subdivisions 50, 51 et 52 dans la sous-zone FAO 48.3. (Données tirées de "Bathymetric Chart of the Approches to South Georgia" Edition 1. Compilées par R.B. Heywood et L.S. Allen, British Antarctic Survey. BAS (Misc) 4 Edition 1 1984).

Légende de la figure

- Figure 1 Sous-zones désignées par la FAO dans le sud-ouest de l'océan Atlantique.

Encabezamientos de las Tablas

Tabla 1	Resumen de las áreas del lecho marino entre rangos de profundidad especificados. Donde no figura ningún número, el área ha sido incorporada al rango que le sigue en profundidad.
Tabla 2	Subárea FAO 48.1 (Este).
Tabla 3	Subárea FAO 48.1 (Oeste).
Tabla 4	Subárea FAO 48.2.
Tabla 5	Subárea FAO 48.3.
Tabla 6	Subárea FAO 48.4.
Tabla 7	Subárea FAO 48.5.
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Tabla 9	Subárea FAO 48.1 (Este).
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Tabla 11	Subárea FAO 48.2.
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Tabla 15	Subárea FAO 88.
Tabla 16	Cartas de Almirantazgo del RU utilizadas para estimar las áreas del lecho marino.
Tabla 17	Análisis detallado de las subdivisiones 50, 51 y 52 en la Subárea FAO 48.3 (Datos sacados de "Bathymetric Chart of the Approaches to South Georgia" Edición 1. Compilado por R.B. Heywood y L.S. Allen, Prospección Antártica Británica. BAS (Misc) 4 Edición 1 1984).
Tabla 18	Análisis detallado de las subdivisiones 50, 51 y 52 en la Subárea FAO 48.3 (Datos sacados de "Bathymetric Chart of the Approaches to South Georgia" Edición 1. Compilado por R.B. Heywood y L.S. Allen, Prospección Antártica Británica. BAS (Misc) 4 Edición 1 1984).

Leyenda de la Figura

Figura 1	Subáreas designadas por la FAO en el Océano Atlántico sudoccidental.
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Заголовки к таблицам

- Таблица 1 Сводка данных по районам морского дна в пределах выделенных диапазонов глубин. Если в графе нет цифры, то это значит, что район включен в следующий по глубине диапазон.
- Таблица 2 Подрайон ФАО 48.1 (восточная часть).
- Таблица 3 Подрайон ФАО 48.1 (западная часть).
- Таблица 4 Подрайон ФАО 48.2.
- Таблица 5 Подрайон ФАО 48.3.
- Таблица 6 Подрайон ФАО 48.4.
- Таблица 7 Подрайон ФАО 48.5.
- Таблица 8 Подрайон ФАО 88.
- Таблица 9 Подрайон ФАО 48.1 (восточная часть).
- Таблица 10 Подрайон ФАО 48.1 (западная часть).
- Таблица 11 Подрайон ФАО 48.2.
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- Таблица 15 Подрайон ФАО 88.
- Таблица 16 Карты Адмиралтейства Соединенного Королевства, использовавшиеся при оценке площади участков морского дна.
- Таблица 17 Подробное рассмотрение подучастков 50, 51 и 52 подрайона ФАО 48.3. (Данные взяты из "Bathymetric Chart of the Approaches to South Georgia", 1-е изд. Составлено Р. Б. Хейвудом и Л. С. Алленом, Британское управление антарктической съемки. BAS (Misc) 4 Edition 1 1984).
- Таблица 18 Подробное рассмотрение подучастков 50, 51 и 52 подрайона ФАО 48.3. (Данные взяты из "Bathymetric Chart of the Approaches to South Georgia", 1-е изд. Составлено Р. Б. Хейвудом и Л. С. Алленом, Британское управление антарктической съемки. BAS (Misc) 4 Edition 1 1984).

Подпись к рисунку

- Рисунок 1 Установленные ФАО подрайоны в юго-западной части Атлантического океана.