

Northwest Atlantic



Fisheries Organization

Serial No. N022

NAFO/SCR Doc. 79/XI/11

SPECIAL MEETING OF THE SCIENTIFIC COUNCIL - NOVEMBER 1979

Areas of Basic Strata in West Greenland, ICNAF/NAFO Subarea 1

by

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INTRIODUCTION

Following the Biological Surveys Subcommittee's recommendation from the 1978 Annual Meeting that member countries should submit their stratification numbering schemes to the ICNAF Secretariat, the stratification system for ICNAF Subarea 1 was described by Carlsson & Kanneworff, 1979. In the present paper the areas for the earlier described basic strata have been recalculated for Div. 1A (south of $69^{\circ}30'N$) and 1B.

STRATIFICATION SCHEME AND AREAS

The basic strata were numbered (Carlsson & Kanneworff, *l.c.*) by an 8-digit code as follows:

digit 1:	Subarea
digit 2:	Division
digits 3, 4, 5:	Block number
digits 6, 7:	Depth interval
digit 8:	Stratum serial number inside each block

The block numbers for the area between $66^{\circ}30'N$ and $69^{\circ}30'N$ are given in Fig.1. Until a common numbering for the whole ICNAF/NAFO area has been adopted the block numbering principle for SA 1 has been temporarily extended to parts of SA 0, covering the shrimp fishing grounds between $67^{\circ}30'N$ and $69^{\circ}30'N$ in Div. 0A.

The ICNAF boundary between SA 0 and SA 1 at $59^{\circ}W$ has been used in this work. The recently adopted midline between Canada and Greenland as boundary for the statistical areas may be included into the system with some recalculations of the

affected areas.

Tables 1 and 2 give the areas in square kilometers of the basic strata in SA 1 (and part of SA 0), calculated for 50 m and 100 m depth intervals respectively. For blocks where more than one basic stratum belonging to the same depth interval is found the sub-numbering given in Table 1 (8.digit of the stratum-number) refer to the figures shown on Figure 2. This sub-numbering has only been worked out for Div. 1A (south of 69°30'N) and Div. 1B, and for strata bounded by the 50 m depth isolines.

REFERENCES

Carlsson, D.M. & P.Kannevorff, 1979. Stratification scheme for the West Greenland area, ICNAF Subarea 1. ICNAF Res.Doc. 79/VI/83.

Table 1. Continued

Areas in square kilometers of basicstrata in ICAF/LAFO SA1

Stratum No.	DEPTH INTERVAL																			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
13415000	0	0	90	90	19	19	17	17	37	37	80	80	85	85	0	0	0	0	0	0
13414000	0	0	200	200	125	125	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13413000	235	235	90	90	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13315000	0	0	5	5	5	5	10	10	20	20	85	85	545	545	20	20	0	0	0	0
13314000	0	0	375	375	45	45	22	22	55	55	105	105	75	75	9	9	0	0	0	0
13313000	170	170	515	515	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13312000	-1	-1	170	170	41	41	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13215000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13214000	0	0	15	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13213000	60	60	560	560	18	18	23	23	27	27	36	36	3	3	0	0	0	0	0	0
13212000	225	225	320	320	70	70	32	32	0	0	0	0	0	0	0	0	0	0	0	0
13115000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13114000	0	0	0	0	22	22	44	44	26	26	39	39	78	78	386	386	185	185	0	0
13113000	0	0	315	315	305	305	48	48	20	20	15	15	0	0	0	0	0	0	0	0
13112000	165	165	370	370	65	65	65	65	50	50	50	50	18	18	100	100	240	240	145	145
13111000	-1	-1	-1	-1	65	65	50	50	0	0	0	0	0	0	0	0	0	0	0	0
13015000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13014000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13013000	0	0	70	70	145	145	31	31	12	12	12	12	12	12	23	23	27	27	23	23
13012000	90	90	120	120	45	45	60	60	55	55	11	11	11	11	0	0	0	0	0	0
13011000	3	3	35	35	23	23	37	37	14	14	34	34	130	130	120	120	90	90	0	0
14415000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14414000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14413000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14412000	12	12	14	14	15	15	90	90	12	12	13	13	12	12	12	12	14	14	9	9
14411000	135	135	65	65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14315000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14314000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14313000	29	29	24	24	43	43	3	3	3	3	3	3	3	3	3	3	24	24	48	48
14312000	345	345	110	110	60	60	70	70	55	55	15	15	15	15	2	2	2	2	2	2
14215000	210	210	95	95	48	48	48	48	12	12	12	12	12	12	12	12	12	12	12	12
14214000	155	155	155	155	75	75	24	24	24	24	24	24	24	24	24	24	24	24	24	24
14213000	270	270	160	160	95	95	60	60	29	29	15	15	15	15	0	0	0	0	0	0
14212000	270	270	160	160	95	95	60	60	29	29	15	15	15	15	0	0	0	0	0	0
14211000	0	0	15	15	29	29	4	4	4	4	3	3	3	3	3	3	3	3	3	3
14115000	48	48	80	80	95	95	120	120	12	12	7	7	7	7	3	3	3	3	3	3
14114000	50	50	310	310	16	16	16	16	1	1	1	1	1	1	1	1	1	1	1	1
14113000	-1	-1	115	115	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14112000	-1	-1	80	80	13	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14111000	-1	-1	310	310	105	105	28	28	28	28	1	1	1	1	1	1	1	1	1	1
14015000	0	0	120	120	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14014000	-1	-1	220	220	15	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14013000	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
14012000	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
14011000	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
13915000	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
13914000	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
13913000	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
13912000	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
13911000	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
13815000	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
13814000	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
13813000	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
13812000	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
13811000	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
13715000	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
13714000	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
13713000	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
13712000	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
13711000	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
13615000	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
13614000	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
13613000	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
13612000	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
13611000	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1

NOTES:

BLOCKNUMBERS: For explanation see ICAF Res. Doc 79/VI/82.
 DEPTH INTERVALS: 50 meters intervals to 1000 m, i.e. no.1= 0-49 m, no.2= 50-99 m etc.
 AREA FIGURES: For Div 1C-1E the given figures are to be taken only as preliminary figures.
 '-1' means that the depth interval in question is to be found in the block, but that the area has not been calculated.
 '-2' means that more than one basic stratum within this depth interval exists; the areas are found in the following lines, and are subnumbered by means of the 8. digit of the stratumnumber.
 In Div 1F no area calculation has been made.

Table 2.

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Areas in squarekilometers of basicstrata in ICNAF/NAFU SA1

Stratum No.	DEPTH				INTERVAL					
	1	3	5	7	9	11	13	15	17	19
11218000	0	0	0	0	32	24	-1	-1	-1	-1
11217000	0	0	0	132	322	182	144	80	40	0
11216000	0	0	1628	529	0	0	0	0	0	0
11215000	0	897	1221	0	0	0	0	0	0	0
11214000	0	2310	919	0	0	0	0	0	0	0
11213000	-1	1674	424	0	0	0	0	0	0	0
1118000	0	0	0	3	58	32	-1	-1	-1	-1
11117000	0	0	0	511	0	0	0	0	0	0
11116000	0	0	308	235	0	0	0	0	0	0
11115000	0	553	185	0	0	0	0	0	0	0
11114000	0	411	154	0	0	0	0	0	0	0
11113000	0	-1	140	12	0	0	0	0	0	0
1518000	0	0	0	320	172	134	-1	-1	-1	-1
12517000	0	0	100	1525	24	0	0	0	0	0
12516000	0	0	172	1396	0	0	0	0	0	0
12515000	0	217	323	994	90	0	0	0	0	0
12514000	0	395	724	434	117	0	0	0	0	0
12513000	0	0	1044	348	56	156	15	0	0	0
1418000	0	0	199	806	170	248	132	144	98	58
12417000	0	0	314	1662	321	0	0	0	0	0
12416000	0	0	138	1542	517	0	0	0	0	0
12415000	0	432	590	502	727	46	0	0	0	0
12414000	524	524	163	200	690	308	0	0	0	0
12413000	495	247	627	465	-1	-1	-1	0	0	0
12317000	0	0	631	1543	280	45	28	42	28	36
12316000	0	0	1822	571	0	0	0	0	0	0
12315000	0	1762	54	0	0	0	0	0	0	0
12314000	161	720	0	0	0	0	0	0	0	0
12313000	2155	91	16	0	0	0	0	0	0	0
12217000	0	0	4	12	14	22	22	30	162	314
12216000	0	0	734	267	209	166	216	538	410	58
12215000	0	1395	643	160	113	45	29	0	0	0
12214000	1501	1013	0	0	0	0	0	0	0	0
12213000	2335	62	0	0	0	0	0	0	0	0
12118000	0	0	0	0	0	0	-1	-1	-1	-1
12115000	0	0	856	187	234	234	358	468	10	0
12114000	788	1777	0	0	0	0	0	0	0	0
12113000	1613	-1	-1	250	47	0	0	0	0	0
12015000	0	444	62	76	122	260	241	0	0	0
12014000	0	889	334	0	0	0	0	0	0	0
12013000	575	222	240	152	37	0	0	0	0	0
13415000	0	186	88	34	74	160	170	0	0	0
13414000	0	406	250	4	0	0	0	0	0	0
13413000	470	180	0	0	0	0	0	0	0	0
13315000	0	10	10	20	40	170	1090	40	0	0
13314000	0	750	90	44	116	210	150	18	0	0
13313000	340	1030	0	0	0	0	0	0	0	0
13312000	-1	340	82	0	0	0	0	0	0	0
13215000	0	0	0	0	0	840	550	30	0	0
13214000	0	30	10	10	60	160	350	750	92	0
13213000	120	1120	36	46	54	72	6	0	0	0
13212000	450	640	140	64	0	0	0	0	0	0
13115000	0	0	0	0	0	0	190	760	370	40
13114000	0	0	44	88	52	78	156	200	480	290
13113000	0	630	610	96	40	360	0	0	0	0
13112000	530	740	130	150	66	380	0	0	0	0
13111000	-1	-1	130	100	100	360	0	0	0	0
13015000	0	0	0	2	2	0	24	550	160	54
13014000	0	0	0	0	0	0	6	18	70	320
13013000	0	140	290	62	24	24	30	46	54	46
13012000	180	240	90	120	110	2	0	0	0	0
13011000	6	76	46	74	28	68	0	0	0	0
14415000	0	0	0	0	0	0	260	240	180	0
14414000	0	0	0	0	0	0	0	0	0	180
14413000	0	0	0	10	12	16	36	54	82	186
14412000	24	28	300	180	24	26	24	24	28	32
14411000	270	130	6	6	0	0	0	0	0	0
14315000	0	0	0	0	0	0	0	48	170	220
14314000	0	0	0	0	0	0	0	0	0	68
14312000	58	48	86	6	6	6	6	6	48	96
14311000	690	270	120	140	110	30	6	6	4	4
1421000	420	150	96	96	24	24	16	16	16	16
14210000	310	310	150	48	52	6	0	0	0	0
1411000	4	30	16	4	4	4	4	4	4	4
14110000	540	520	190	120	58	26	6	6	6	6
14109000	-1	150	74	48	0	0	0	0	0	0
14108000	0	30	58	8	6	6	6	6	4	4
14107000	96	180	190	240	24	14	4	10	4	4
15309000	100	60	32	32	2	2	6	6	2	2
15308000	-1	236	0	0	0	0	0	0	0	0
15209000	6	160	26	2	2	2	2	2	2	2
15208000	-1	620	210	52	2	2	2	2	2	2
15207000	-1	260	8	0	0	0	0	0	0	0
15108000	0	240	86	4	4	4	4	4	4	4
15107000	-1	440	30	0	0	0	0	0	0	0
16708000	0	-1	-1	-1	-1	-1	-1	-1	-1	-1
16707000	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
16706000	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
16705000	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
16608000	0	0	0	0	-1	-1	-1	-1	-1	-1
16607000	0	-1	-1	-1	-1	-1	-1	-1	-1	-1
16606000	0	-1	-1	-1	-1	-1	-1	-1	-1	-1
16605000	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
16604000	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
16505000	0	-1	-1	-1	-1	-1	-1	-1	-1	-1
16504000	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
16503000	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
16405000	0	0	0	0	-1	-1	-1	-1	-1	-1
16404000	0	-1	-1	-1	-1	-1	-1	-1	-1	-1
16403000	0	-1	-1	-1	-1	-1	-1	-1	-1	-1

NOTES:

BLOCKNUMBERS: For explanation see ICNAF Res.Doc 79/VI/82
 DEPTH INTERVALS: 100 meters intervals to 1000 m, i.e. no.1= 0-99 m, no.3= 100-199 m etc.
 AREA FIGURES: For Div 1C-1E the given figures are to be taken only as preliminary figures.
 '-1' means that the depth interval in question is to be found in the block, but that the area has not been calculated.
 In Div 1F no area calculation has been made.

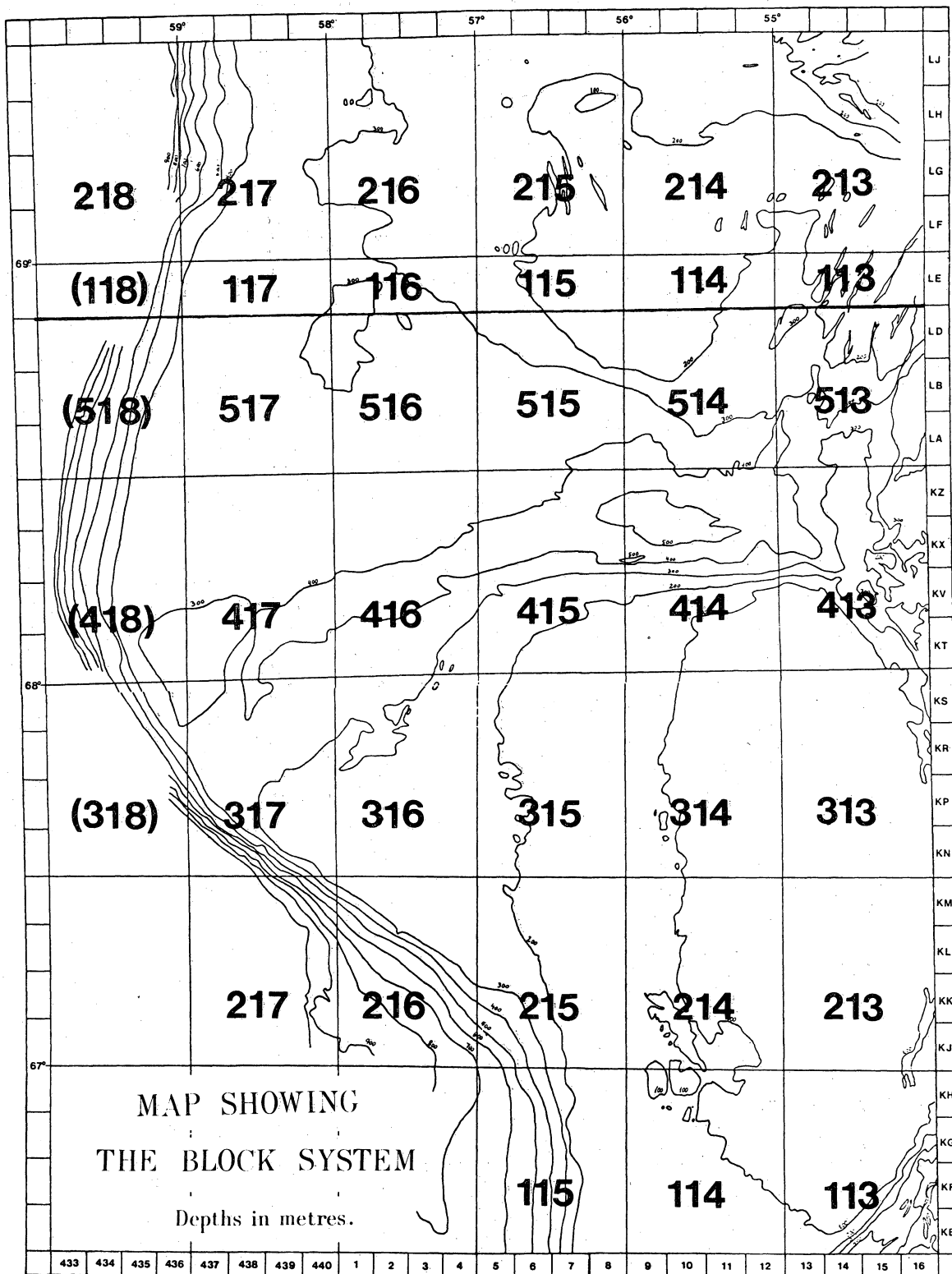


Fig. 1. Block numbers in the stratification system for Div. 1B and the southern part of Div. 1A. Block numbers in brackets west of 59°W are numbers extended to SAO from SAL for practical use in the ADP system.

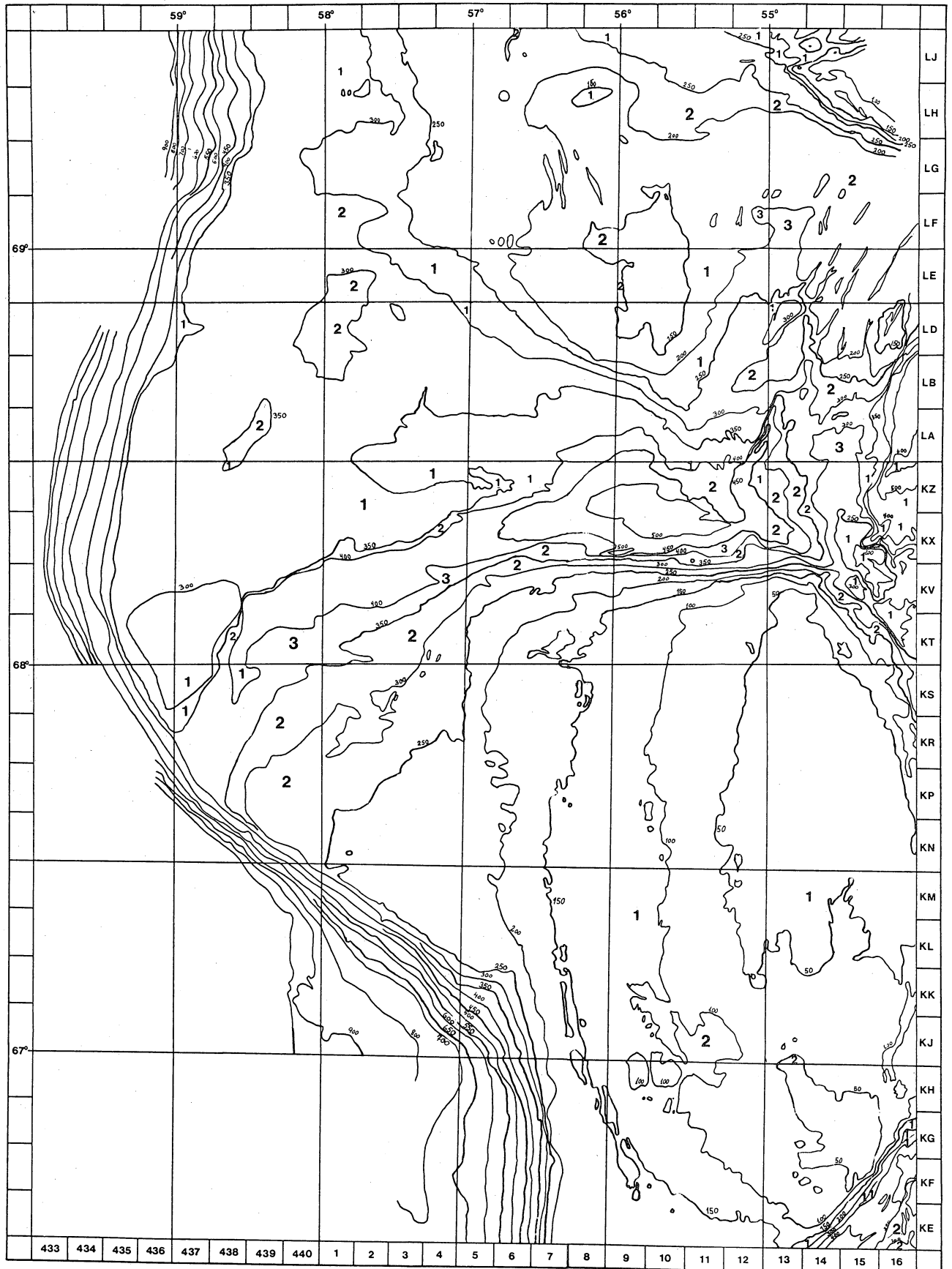


Fig. 2. Map showing the subnumbering of basic strata in ICNAF Div. 1B and part of Div. 1A as explained in the text.