

TABLE 5a
TIME VARIATION

Harmonic	0		1		2		
	K	S	0	1	2	3	4
I	0		3.1922131+000	1.2327377-001	-1.1631755-001	-8.7883483-002	-1.2003798-001
	1		-8.0818459-001	7.2543254-001	-7.9903407-002	1.4013383-001	-2.6115209-002
	2		-1.1128508+001	-2.7440013+000	2.1700719+000	7.6370913-001	3.0516887+000
	3		6.7896229+000	-6.0933018+000	2.1622569+000	-1.7573080+000	4.9195493-001
	4		3.9009788-001	1.5174631+001	-1.0526363+001	-1.8274497+000	-1.8748730+001
	5		-1.7705135+001	1.7027055+001	-1.0365231+001	5.5793661+000	-1.8730505+000
	6		-7.3756060+001	-3.0577191+001	2.1780279+001	1.1846307+000	4.4840524+001
	7		1.9714315+001	-1.97746071+001	1.6779425+001	-6.5444945+000	2.2492176+000
	8		6.9099425+001	2.4257531+001	-2.0981106+001	3.6327371-001	-4.6226905+001
	9		-8.0035675+000	8.1205658+000	-8.6739452+000	2.5938409+000	-6.9858114-001
10		-2.4966472+001	-6.1949233+000	7.6843785+000	-4.3736880-001	1.7326226+001	
II	11		-7.7144866-002	-1.9159765-002	2.8206515+000	-9.8890400-002	-1.4209088-001
	12		1.5562878-001	-3.3587158+000	2.5694080-001	6.4178746-002	1.8628451-001
	13		8.0193751-001	-1.2473403+000	-2.2652073+000	9.8521935-001	-1.3747379-002
	14		-1.9346802+000	5.0787116+000	-2.0564415+000	2.8389458-001	7.2093840-001
	15		4.0461742+000	4.5661216+000	-3.7976201-001	3.6782648+000	7.9890556+000
	16		-6.9943515+000	6.2215549+001	-4.5140430+000	-2.1342600+000	-1.2891970+000
	17		-3.7340845+000	2.1792168+001	2.1751016+001	-1.7696822+001	1.5799568+000
	18		3.4596646+001	-7.4718346+001	2.8432009+001	-6.7150880+000	-1.4624784+001
	19		-4.5312946+001	-6.2692353+001	2.9309496+002	-4.0262483+001	-9.3182599+001
	20		8.1968771+001	-5.3631609+002	3.3116294+001	1.7012855+001	-3.5793709+000
	21		-1.0339112+001	-1.3159556+002	-3.7900047+001	1.0486471+002	-1.9946804+001
	22		-2.1424509+002	3.7015317+002	-1.3970671+002	4.5163709+001	8.9545011+001
	23		1.8201467+002	3.0916919+002	-1.0776090+003	1.7210667+002	4.2611842+002
	24		-3.8160627+002	2.0806170+003	-1.0850462+002	-7.3671051+001	5.0662975+001
	25		7.5047163+001	3.5102446+002	-7.3670070+001	-2.6921249+002	8.0743851+001
	26		5.6219546+002	-7.9818968+002	3.1027215+002	-1.2019999+002	-2.3537569+002
27		-3.3996687+002	-6.7445690+002	2.0335977+003	-3.3155596+002	-9.0663822+002	
28		8.1753515+002	-3.9946911+003	1.7116141+002	1.6987331+002	-1.4011365+002	
29		-1.1637108+002	-4.1728449+002	2.2912528+002	3.0776887+002	-1.2469531+002	
30		-6.5413315+002	7.7704056+002	-3.1898314+002	1.3840706+002	2.7413359+002	
31		3.0671805+002	6.6537730+002	-1.8907163+003	2.9195352+002	9.0210285+002	
32		-8.0456552+002	3.6989770+003	-1.2668359+002	-1.8778240+002	1.0812947+002	
33		5.4380951+001	1.7961546+002	-1.4286287+002	-1.2807240+002	6.3831296+001	
34		2.7706327+002	-2.8053099+002	1.2406972+002	-5.7591537+001	-1.1602165+002	
35		-1.0852147+002	-2.4217155+002	6.8230427+002	-9.5985994+001	-3.3884199+002	
36		2.9459569+002	-1.3154168+003	3.4316558+001	7.7071538+001	-5.2854304+001	
III	37		-2.9971423-001	-2.1697609-001	-9.5908808-002	-2.1291444-001	1.0259433+000
	38		1.7361506-001	-1.2024368-002	1.0603764-001	-8.5705194-001	-6.8796767-002
	39		2.4438716-002	2.2818829-001	-8.9955122-002	-2.0817977-002	-2.8186698-001
	40		3.7434524-001	1.1048835-001	-1.5399939-001	3.3658231-002	-7.9897060-002
	41		2.3287131+000	3.4857232+000	1.2482513+000	9.3397964+001	-7.6562869+000
	42		-7.7208423-001	3.0138871-001	-5.2667071-001	4.7913597+000	-3.7971097-001
	43		-8.7399100-002	-1.0753930+000	7.4860075-001	-8.6026684+002	1.0980092+000
	44		-1.5647393+000	7.4936226-001	-8.9419415-002	-1.3004295-001	1.8732979-001
	45		-4.0825963+000	-1.4614637+001	-2.7473014+000	-2.5435323+000	2.0329196+001
	46		-3.7503658-001	-9.6887384+001	1.5491461-001	-1.0622439+001	2.3601528+000
47		-2.2478001-001	1.1644475+000	-1.0457479+000	-5.9912987-003	-1.2644599+000	
48		1.1203491+000	-1.5405892+000	7.3460755-001	4.1931375-001	-4.1175708-002	
49		1.5840219+000	1.5559432+001	1.7650765+000	1.8719605+000	-1.4098460+001	
50		2.4390432+000	1.0677454+000	8.9448837-001	5.8144236+000	-2.9336621+000	
IV	51		-7.0741369-002	-6.6014383-002	2.3847354-002	-7.4363786-003	8.9322320-002
	52		-9.1217271-003	2.0304281-002	4.5215344-002	2.7456939-002	-8.6813176-003
V	53		1.7694816-001	2.3904867-002	6.6437221-002	-1.9459802-002	3.1901792-003
	54		-3.0553896-002	1.2312922-001	-1.5356296-002	-1.2334609-002	2.1616058-002

GEOGRAPHICAL VARIATION

I - Main latitudinal variation, Mixed latitudinal and longitudinal variation; II - First order in longitude; III - Second order in longitude. V - Fourth order in longitude.

Notation: For each entry the number given by the first eight digits and sign is multiplied by the power of ten defined by the last three digits and sign.

PREDICTED COEFFICIENTS U_{SK} DEFINING THE FUNCTION $\Omega(\lambda, \theta, T)$ FOR
MONTHLY LOWER DECILE foEs (Mc/s)
SEPTEMBER 1954

TABLE 5b

TIME VARIATION

Harmonic	0		1		2		3		
	K	S	0	1	2	3	4	5	
I	0	0	4,8610518+000	6,1177103+003	-3,336785+002	-4,9749337+002	-1,8044907+002	2,5260024+002	4,5494686+002
	1	1	-2,4038074+000	5,7485027+002	-1,2525623+001	-3,7537044+001	2,1503609+001	1,2330456+001	-6,0837762+002
	2	2	-2,9355426+001	-2,1483841+002	1,0435795+000	7,1604045+001	1,7843182+000	1,0261456+001	-1,0017898+000
	3	3	2,3092602+001	-4,3362835+001	2,1243329+000	2,3782541+000	-2,3926810+000	-7,5376219+001	1,5490859+001
	4	4	1,5367780+002	-2,0958352+000	-4,3677514+000	-3,6451730+000	-1,4659525+001	-2,6866406+000	5,5791667+001
	5	5	-6,2627592+001	2,0077504+000	-1,0903956+001	-6,1599129+000	1,7589593+001	1,1700588+000	1,0763450+000
	6	6	-3,7217675+002	1,5331521+001	6,6682188+000	7,0990173+000	4,2520593+001	9,0783570+000	-1,2557677+001
	7	7	6,8677669+001	-4,7719951+000	1,8164915+001	7,1311437+000	-1,0393605+001	-5,7349412+001	-3,1745048+000
	8	8	4,0185058+002	-2,7246604+001	-4,1889587+000	-5,1466589+000	-5,1005831+001	-1,0168134+001	1,2069746+001
	9	9	-2,6785793+001	3,2352861+000	-9,2599154+000	-2,8483512+000	5,0501579+000	1,3616466+002	2,0490713+000
10	10	-1,5662516+002	1,4122893+001	9,4881780+001	8,8413946+001	2,1645236+001	3,5897360+002	-4,0943991+000	
II	11	11	-1,4558435+001	8,8367008+002	3,7704404+000	-3,9390773+002	-7,1258241+002	-1,1745849+002	-4,7730034+003
	12	12	-4,6372518+002	-3,9427572+000	6,0513243+001	-2,8980885+002	1,5873491+001	-5,3115453+002	1,3633922+002
	13	13	6,4626464+001	-2,3104977+000	-1,2543211+000	9,6317190+002	-7,6865571+002	-3,0422299+001	-5,3418423+001
	14	14	-2,5135583+000	4,4124938+000	-1,4322645+000	-9,2127899+001	7,4790757+002	-1,5108203+001	-5,8276110+001
	15	15	8,1516490+000	8,0239256+000	-5,9328586+001	6,2623802+001	3,5856364+000	2,3405881+001	-3,8158021+002
	16	16	-3,5935596+001	7,4428945+001	-6,3157932+000	-3,0649980+000	-1,5793593+000	4,9120404+000	-1,9940667+000
	17	17	-2,6096793+000	4,2712748+001	8,3888409+000	-7,0679217+000	1,2624642+001	7,2446169+000	1,0182426+001
	18	18	5,5867050+001	-6,9834152+001	1,8609825+001	9,4120780+000	-3,1126113+000	4,3743100+000	1,0027207+001
	19	19	-9,7353114+001	-9,9447408+001	4,8752336+002	-1,1566630+000	-4,0742706+000	-3,3473038+000	-3,2086673+000
	20	20	5,1150329+001	-6,4472799+001	2,8923357+001	5,7633974+001	7,4648417+000	-5,5603163+000	2,2517384+001
III	21	21	-4,3505833+000	-2,5178377+002	-5,5021780+001	5,2143910+001	-6,1814275+001	-4,4874177+001	-6,3470059+001
	22	22	-3,8903207+002	3,7479103+002	-7,1027666+001	-2,7488979+001	1,9063021+001	-3,0541306+001	-5,1761169+001
	23	23	4,3233832+002	4,7037906+002	-1,8907410+003	-7,4485737+000	1,8206952+002	2,0240022+001	2,5643341+001
	24	24	-3,8129584+002	2,5027440+003	-3,3574899+001	-3,2282765+002	-1,0838189+001	-1,7282829+002	-9,1200119+001
	25	25	2,4601142+001	6,9739267+002	-1,0231079+002	-1,3511074+002	1,3475452+002	1,1728289+002	1,6276069+002
	26	26	1,0985963+003	-8,6764156+002	1,0471197+002	2,6389087+001	-4,3723777+001	8,5475302+001	1,3758569+002
	27	27	-8,8334988+002	-1,0127830+003	3,7040862+003	2,0552357+001	-3,4840983+006	-5,4853825+001	-7,2495244+001
	28	28	1,0413432+003	4,7893816+003	-4,6994167+001	7,7289386+002	-1,4766108+001	-1,2442706+002	1,6276020+002
	29	29	-1,8484540+001	7,4364141+002	2,0946615+002	1,3698293+002	-1,3887221+002	-1,3887221+002	-1,8063295+002
	30	30	-1,3369989+003	9,1320044+002	-5,3931989+001	5,3668931+000	4,3576378+001	-1,0333520+002	-1,4295193+002
IV	31	31	8,4707713+002	9,9980229+002	-3,5114202+003	-5,8189799+000	3,8519016+002	5,6489294+001	8,7787708+001
	32	32	-1,2109690+003	4,3957274+003	1,1300542+002	-4,5239180+002	4,7218906+001	3,6514321+002	-1,2915864+002
	33	33	9,9448653+001	3,4579785+002	-1,1839133+002	-4,9580004+001	5,4362425+001	0,0800755+001	7,2682418+001
	34	34	5,7407184+002	-3,6119308+002	3,4450478+000	-1,3989648+001	-1,6164278+001	4,4242422+001	5,3635883+001
	35	35	-3,0704575+002	-1,5759668+002	1,2691896+001	-8,1140388+000	-1,4546987+002	-2,9332300+001	-3,7030152+001
	36	36	5,0810642+002	-3,6307932+003	-5,7522362+001	3,7079372+002	-2,8345127+001	-1,1441273+002	3,6771172+001
	37	37	-2,9579463+001	-1,2738267+001	-1,8131018+001	-2,2709669+001	9,8617436+001	-5,9084076+002	-6,0155651+002
	38	38	1,2895030+001	2,6744924+002	1,0191013+001	-9,9882791+001	-1,2844042+001	-4,2328609+002	-1,3054924+002
	39	39	-2,0331822+001	7,0757939+001	-1,5904271+001	-1,1587109+001	-7,2417649+001	1,4488565+001	-1,3961494+002
	40	40	5,4186751+003	-2,5667237+001	-8,1135026+002	1,9882009+001	-2,8691032+001	-1,3475168+001	-9,8349857+003
41	41	2,0834936+000	2,4647770+000	2,9989909+000	9,1341785+001	-5,5203235+000	4,0459103+001	5,2581594+001	
42	42	-1,2962305+001	-8,7213709+001	-7,1155193+002	6,5868415+000	1,8510240+001	4,7638551+001	-3,3854056+001	
43	43	1,2972407+000	-4,1154383+000	2,6173415+001	-2,3678860+002	2,4464921+000	-2,5663597+001	8,0957933+002	
44	44	2,4990588+001	2,6335076+000	-1,4638994+000	-1,0094151+000	6,6594179+001	8,3498180+001	6,7228199+001	
45	45	-2,5644497+000	-1,25113578+001	-8,6950682+000	-2,0167724+000	1,0981431+001	-1,3344188+001	-1,3015042+000	
46	46	-1,8319640+000	2,7314439+002	-3,0964749+000	-1,4802562+001	-1,0520000+000	-1,0242030+000	1,5862241+000	
47	47	-1,2735712+000	5,5588219+000	1,2449584+001	-2,6405990+001	-2,7990190+000	-1,2210310+000	-1,2112988+000	
48	48	-3,8476656+001	-3,5284073+000	3,5348709+000	1,8384944+000	-7,1706129+001	-9,1399494+001	-1,0689685+000	
49	49	-8,1047088+001	1,4482806+001	6,4358735+000	9,5690281+001	3,8617093+000	-4,9611739+001	6,6357695+001	
50	50	3,2667829+000	1,8824333+000	4,3998885+000	8,1988895+000	6,8581059+001	4,7316625+001	-1,3513754+000	
V	51	51	-1,1719863+001	8,5924538+002	6,1525594+002	1,0966194+002	1,3353555+001	-1,4504400+001	-2,5924868+001
	52	52	1,4971412+003	3,1139412+002	2,1150429+001	3,3003290+002	-2,8324702+002	2,5667116+001	-1,6492140+001
	53	53	-5,6616881+002	1,6412271+001	8,3922605+002	2,0596328+001	7,3429834+002	1,6471798+002	-5,3853493+002
	54	54	-3,2122043+002	-1,6978666+001	7,9442072+002	-9,5706499+002	1,7756167+002	3,0643223+002	-5,5725451+002
	55	55	5,1764123+001	-4,5424827+001	-1,4110174+001	-4,4640797+002	-3,3124694+001	1,7875855+001	3,6113597+001
	56	56	2,6508513+001	-2,5891245+001	-3,7318049+001	-2,5736559+001	2,6146686+002	-4,1442956+001	2,9842270+001
VI	57	57	1,2605936+001	2,9577553+002	5,8988359+002	3,4360563+002	2,2302103+002	8,5681095+003	5,2687573+002
	58	58	7,1980047+002	1,6036051+001	-3,4549414+002	2,9004393+002	1,6889487+002	5,2740118+003	7,9802406+003
VII	59	59	3,9019250+002	-2,5774000+002	8,0197497+002	-1,4836557+002	-4,1398932+002	8,7516055+003	4,1813086+002
	60	60	2,3397852+002	3,9109940+002	3,7078849+002	2,8858085+002	-2,8584664+003	-1,0977174+002	-1,3443629+002

I - Main latitudinal variation. Mixed latitudinal and longitudinal variation; II - First order in longitude;
 III - Second order in longitude. VII - Fifth order in longitude.

Notation: For each entry the number given by the first eight digits and sign is multiplied by the power of ten defined by the last three digits and sign.

PREDICTED COEFFICIENTS U_{SK} DEFINING THE FUNCTION $\Omega(\lambda, \theta, T)$ FOR
 MONTHLY MEDIAN foEs (Mc/s)

SEPTEMBER 1954

TABLE 5c
TIME VARIATION

GEOGRAPHICAL VARIATION

Harmonic	0		1		2		
	K	S	0	1	2	3	
I	0		7.0711862+000	-1.3195645-001	-1.8669670-002	4.5469043-002	9.4354809-002
	1		-6.7207562-001	-3.8012875-001	-1.4586323-002	-4.0253857-002	4.4473882-001
	2		-3.9461728+001	-1.4827081+000	-9.0889825-002	4.4868371-001	-1.5950725+000
	3		1.1517423+001	1.9554046+000	2.5596413+000	-3.5721247+000	-4.9771855+000
	4		2.3735041+002	1.6864775+001	-3.6862052+000	-8.8121594+000	4.7080011+000
	5		-2.0187689+001	-3.8534169+000	-1.2759386+001	1.4994634+001	1.7928376+001
	6		-6.2798857+002	-4.6614858+001	1.6503503+001	2.8721047+001	-2.7544242+000
	7		3.9352902+000	1.3145353+000	1.9367685+001	-2.1232024+001	-2.4922980+001
	8		7.1942280+002	5.2871406+001	-2.1524284+001	-3.3319632+001	-3.2601581+000
	9		5.7143068+000	1.0287104+000	-8.8546908+000	9.6422294+000	1.1617863+001
10		-2.9244403+002	-2.1697325+001	8.9397307+000	1.2728166+001	2.9992491+000	
II	11		4.9413723-002	5.3162394-001	3.5084445+000	2.1606925-002	9.4456293-003
	12		-4.5529435-001	-3.5014951+000	9.0104406-001	-4.0596382-002	4.7042037-002
	13		-1.5614291-001	-3.4624828-001	-2.6042409+000	-1.0747021+000	-1.0718768+000
	14		-2.7430227+000	5.4067552+000	-8.6034133-001	-1.3055445+000	-7.2614340-001
	15		-5.7868454+000	-1.2186463+001	-1.8839697+001	-1.8156974+000	5.7872774-001
	16		1.9464946+001	2.6078994+001	-1.3512414+001	2.4902753+000	-2.5071574+000
	17		-4.8595038+000	1.3621596+001	5.1010503+001	2.4504069+000	1.2456201+001
	18		6.9282731+001	-9.4471227+001	2.7694463+001	2.4911927+001	2.3668275+001
	19		5.1393026+001	1.1263872+002	2.1622307+001	1.3307603+001	-2.7939430+001
	20		-1.3840827+002	-1.1352029+002	1.0680979+002	-7.0853427+000	2.9676711+001
	21		1.5666259+001	-7.7993038+001	-2.9915335+002	2.0679080+001	-3.9778578+001
	22		-5.4051035+002	5.1034620+002	-1.5345427+002	-1.4178956+002	-1.8086229+002
	23		-1.6473130+002	-3.2938754+002	9.5105296+001	-4.1638204+001	1.3436211+002
	24		3.8286658+002	2.5422059+002	-2.7911972+002	-1.2653823+001	-1.0888353+002
25		3.7400090+000	2.2061522+002	7.1122758+002	-8.3713840+001	2.6186504+001	
26		1.6427315+003	-1.1693200+003	3.0952780+002	3.4638100+002	5.1856145+002	
27		2.1448698+002	3.7018000+002	-2.1814596+002	5.6032324+001	-2.1736415+002	
28		-4.6010212+002	-2.9829725+002	2.6684979+002	5.2033205+001	1.5504706+002	
29		-4.7907749+001	-3.1091201+002	-7.2872483+002	9.3372858+001	4.1168485+001	
30		-2.0886089+003	1.2117928+003	-2.3943371+002	-3.8054266+002	-6.2549850+002	
31		-9.6050372+001	-1.3574694+002	1.1270135+002	-2.6709838+001	1.1291989+002	
32		2.0029571+002	1.4712948+002	-7.2930999+001	-3.6908264+001	-7.4568936+001	
33		3.2977361+001	1.6211182+002	2.6565934+002	-2.8893054+001	-4.1163674+001	
34		9.2892526+002	-4.7003913+002	4.9160867+001	1.5483101+002	2.6823616+002	
III	35		-2.9583439-001	1.8355541-001	-1.0923786-001	-1.0458984-001	6.6069071-001
	36		-2.7025832-002	1.0117729-001	2.0177723-001	-7.0787018-001	-6.7213379-002
	37		-7.3344328-001	2.2668945-003	2.0269707-001	-3.2216064-001	3.2916105-001
	38		-1.8776726+000	-9.4394625-001	7.3829245-001	-6.5769164-001	1.4080017-002
	39		2.3340786+000	-2.2047151+000	1.3126186+000	1.0776763+000	-3.2497583-001
	40		-1.2436333+000	-1.3422408+000	-1.4047005+000	1.5315724+000	-5.6702895-001
	41		2.4519361+000	1.0037311+000	-2.8077189+000	1.0912908+000	-3.7161786+000
	42		9.9693082+000	6.3889348+000	-7.1528775+000	2.2618340+000	-3.4602111+000
	43		-3.8518470+000	4.4727815+000	-2.3240788+000	-2.3500032+000	-4.4328352-001
	44		2.4173586+000	2.1197098+000	1.3609250+000	-1.7477056+000	2.5505036-001
	45		-3.9596018-001	-9.0377768-001	4.8628068+000	-1.9724361+000	6.1042501+000
46		-1.1063909+001	-6.7639057+000	1.1378790+001	-1.7335055+000	4.6527945+000	
IV	47		1.8491888-001	2.3985117-001	8.0212675-002	1.0828524-001	9.9219397-002
	48		2.7856297-001	4.9976742-002	2.0835591-001	-6.2486922-003	3.5279122-002
	49		2.8158423-001	1.7405952-001	-5.8283087-002	2.8569401-001	1.6784620-001
	50		-1.0714992-001	-2.3653148-001	2.3206306-001	-8.5595234-002	1.5479519-001
	51		-4.2468734-001	-1.3093166+000	-1.4897141-001	4.2325232-002	6.5463465-002
	52		-4.4558786-001	-3.5386359-001	1.3108014-001	-1.5154770-002	1.8295980-001
V	53		1.7059203-001	-1.4728299-002	8.8886960-002	3.2591047-002	5.3845223-003
	54		2.6344323-001	8.5685109-002	-1.1109362-001	2.5724126-002	3.7791761-002

I - Main latitudinal variation. Mixed latitudinal and longitudinal variation; II - First order in longitude; III - Second order in longitude. V - Fourth order in longitude.

Notation: For each entry the number given by the first eight digits and sign is multiplied by the power of ten defined by the last three digits and sign.

PREDICTED COEFFICIENTS U_{SK} DEFINING THE FUNCTION $\Omega(\lambda, \theta, T)$ FOR MONTHLY UPPER DECILE foEs (Mc/s)

SEPTEMBER 1954

TABLE 6a
TIME VARIATION

Harmonic	0		1		2		
	K	S	0	1	2	3	4
I	0		3.3558668+000	-3.3959190-001	-8.4511733-002	-1.0745878-001	-6.9086035-002
	1		-9.9204194-001	9.6774412-001	2.8636322-001	-2.5494087-002	1.0093186-001
	2		-1.7523656+001	5.6294271+000	7.5460411-001	2.4737567+000	1.0446088+000
	3		1.2693607+001	-9.4368870+000	-2.3824144+000	-4.6534401-001	-1.5529924+000
	4		9.3179138+001	-2.8602060+001	-1.8378204+000	-1.3248790+001	-7.2975732+000
	5		-3.8137754+001	2.7798653+001	7.4946887+000	2.3765340+000	5.7164541+000
	6		-2.1312401+002	6.1295469+001	1.0009730+000	2.7999169+001	2.0306661+001
	7		4.4517821+001	-3.2967320+001	-9.5634102+000	-3.9464821+000	-7.4540646+000
	8		2.1547394+002	-5.8388349+001	6.3249124-001	-2.5775999+001	-2.3399996+001
	9		-1.8083437+001	1.3668106+001	4.1935442+000	2.0788665+000	3.2135876+000
10		-8.0026068+001	2.0471807+001	-3.8454746-001	8.6666842+000	9.4671427+000	
II	11		-1.7350446-001	-1.1304315-001	3.1853405+000	1.2494828-002	-7.5998728-002
	12		5.4346855-001	-3.7117802+000	5.1742181-001	-2.3630063-002	-2.6166465-001
	13		8.5621796-001	2.9835681-001	-2.7866491+000	1.9945406-001	2.6298375-001
	14		-2.5634741-001	3.0828051+000	-7.8092266-001	-1.9986082-001	-3.1103050-001
	15		5.0312220+000	1.4379675+000	-4.1679929+001	-9.7307471-001	5.0854918+000
	16		-9.1917816+000	5.8783319+001	-1.7187275+001	2.0649625+000	6.8570188+000
	17		-7.2677398+000	-4.1317447+000	3.1534768+001	-2.0188097+000	-1.1684698+000
	18		1.1510244+000	-3.1226941+001	1.0014641+001	-1.2859780+000	5.5037701+000
	19		-5.1832574+001	-6.2148281+000	3.1618027+000	7.9170366+000	-6.7038503+001
	20		6.0490718+001	-4.7675500+002	1.4416202+002	-2.3258993+001	-6.7072921+001
	21		1.4124782+001	1.8461204+001	-9.5656662+001	8.2918468+000	-1.1804200+000
	22		-8.3418390+001	9.6334102+001	-5.0088278+001	2.2197725+001	-3.3756078+001
	23		2.2445934+002	3.3232823+001	-1.1175833+003	-2.6776015+001	3.1897688+002
	24		-1.8602076+002	1.7255208+003	-4.9258603+002	8.7024098+001	3.1022177+002
	25		8.0557164+000	-3.5113239+001	8.4142883+001	-1.6496886+001	1.0429656+001
	26		2.3492941+002	-1.1643096+002	1.1692251+002	-7.7215057+001	8.9310066+001
27		-4.6115275+002	-9.1006531+001	2.0165446+003	4.6913277+001	-6.8444816+002	
28		2.7999746+002	-3.0976159+003	8.1266177+002	-1.4766003+002	-6.9000849+002	
29		-3.7794636+001	2.5717988+001	3.1776020+001	1.3680142+001	-1.6153230+001	
30		-2.9178959+002	4.9986558+001	-1.2476166+002	1.0190568+002	-1.0612018+002	
31		4.4349845+002	1.0319898+002	-1.7870541+003	-4.0148283+001	6.7493576+002	
32		-1.9261731+002	2.6923543+003	-6.5007828+002	1.1850786+002	7.1272110+002	
33		2.2458243+001	-4.5777804+000	-5.2236227+001	-3.7040239+000	8.0413595+000	
34		1.3244592+002	-1.5191184+000	4.9571535+001	-4.5789334+001	4.6281777+001	
35		-1.5965925+002	-8.0073007+001	6.1590970+002	1.2763877+001	-2.4842805+002	
36		4.5046793+001	-9.0446472+002	2.0246298+002	-3.7022258+001	-2.7410326+002	
III	37		-2.8699149-001	4.8314264-001	-7.1226983-002	1.5039609-001	1.0044031+000
	38		2.3895086-001	8.0049128-002	1.8769925-001	-8.0798162-001	-6.2055167-002
	39		-1.6534093-001	1.9948425-001	2.3259409-001	-4.7509461-001	-2.3455876-001
	40		-2.5935145-001	-1.7669652-001	-2.1836068-001	4.8476548-001	2.3710588-001
	41		2.9643192+000	5.3394173+000	8.1862268-001	-2.2669075+000	-7.4440942+000
	42		-3.2622368+000	2.6514425-001	-2.1069889+000	4.3392798+000	6.5320974-001
	43		7.9259315-001	-7.1427953-001	-1.0238118+000	2.0710736+000	1.7961304+000
	44		1.4324743+000	1.3192828+000	-4.1564756-001	-3.5025075+000	-1.4007948+000
	45		-9.2421003+000	1.3082824+001	-2.5000070+000	6.5407333+000	1.8279573+001
	46		8.6525433+000	3.7823562-001	7.1096066+000	-9.0461358+000	-2.7326443+000
47		-1.2048005+000	8.7709761-001	1.2383822+000	-2.3031041+000	-2.4957359+000	
48		-1.9082495+000	-1.9227288+000	1.9358286+000	3.9925417+000	1.2546756+000	
49		8.4354720+000	-8.5954238+000	1.4974322+000	-5.5880665+000	-1.0925735+001	
50		-5.9141123+000	-8.6362696-001	-6.8914657+000	3.7000849+000	2.2718723+000	
IV	51		-1.9529536-002	8.8155447-002	2.4123609-002	4.0785464-002	2.9783320-002
	52		-3.9066617-002	6.8534316-002	-2.5106132-002	8.8269357-003	4.4128238-002
V	53		9.2427588-003	-4.2326737-002	3.5791731-002	6.1081905-003	1.1254956-002
	54		-1.0697909-001	7.3586628-002	-1.1614247-002	4.5527625-002	5.8119492-002

GEOGRAPHICAL VARIATION

I - Main latitudinal variation. Mixed latitudinal and longitudinal variation; II - First order in longitude; III - Second order in longitude. V - Fourth order in longitude.

Notation: For each entry the number given by the first eight digits and sign is multiplied by the power of ten defined by the last three digits and sign.

PREDICTED COEFFICIENTS U_{SK} DEFINING THE FUNCTION $\Omega(\lambda, \theta, T)$ FOR
MONTHLY LOWER DECILE foEs (Mc/s)
SEPTEMBER 1958

TABLE 6b

TIME VARIATION

Harmonic	0		1		2		3		4		5		6	
	$\frac{S}{K}$	0	1	2	3	4	5	6	7	8	9	10	11	12
I	0	4.7301834+000	-3.0967754+001	-8.8991851-002	3.4079758-002	-3.8002310-002	3.0357438-003	4.2864571-002						
	1	-1.1864299+000	4.5288247-001	5.2935632-001	-1.5844911-001	2.9445298-001	4.2756949-001	-8.8335850-002						
	2	-3.1859936+001	4.7258731+000	5.8627997-001	-3.4149008-001	7.4524836-001	9.1821734-001	-7.7810749-001						
	3	1.4835773+001	-2.7866722+000	-3.6759761+000	-6.3971790-001	-2.1747732-000	-3.7397546+000	4.8028050-001						
	4	1.8360592+002	-2.4850885+001	-2.9941178-001	3.8879226+000	-6.8875059+000	-7.6267488+000	3.6761073+000						
	5	-4.2859261+001	3.6584623+000	9.9183573-000	5.7185782+000	4.3666005+000	1.0417489+001	6.2765043+000						
	6	-4.4242363+002	5.7964600+001	-4.0481590+000	-1.3727608+001	2.1885239+001	2.2306345+001	-7.7261311+000						
	7	4.8597453+001	-4.0553369-001	-1.1247644+001	-1.0577676+000	-3.1102439+000	-1.2014154+001	-2.9690445+000						
	8	4.6609202+002	-6.0945706+001	7.4073848+000	1.7570728+000	-2.7289874+001	-2.6443070+001	7.7880907+000						
	9	-1.9326722+001	-6.7384991-001	4.4352499+000	5.7397621+000	6.0143086+001	4.9328321+000	1.9444203+000						
10	-1.7758096+002	2.3585533+001	-3.4632165+000	-7.3600018+000	1.1642287+001	1.1106708+001	-2.9903535+000							
II	11	-1.5965475-001	-5.1574027-002	4.3184677+000	7.4580625-002	-5.1155123-002	5.0776285-002	-6.7746640-002						
	12	3.9255505-001	-4.7314406+000	5.2679118-001	-4.6513870-002	-4.0789058-002	-1.3605755-001	1.6535714-001						
	13	4.6156990-001	6.259151-001	-3.1880969+000	-7.0149274+001	9.4891347+001	3.0376964+001	4.6702822-002						
	14	5.0566575-001	5.4179994+000	-5.2915787-001	-6.2100765-001	4.9324809+001	-1.0986693+001	3.1704254+000						
	15	4.7580634+000	-3.6868296+000	-6.4251865+001	-4.8844800+000	1.9983549+000	-2.3688198+000	2.9438645+000						
	16	-5.8988082+000	7.5914231+001	-1.8197586+001	3.3989109+000	2.3979375+000	6.7997109+000	-5.5670237+000						
	17	3.2888455+000	-6.1061920+000	2.7881332-001	8.7817411+000	-1.1343810+001	-5.9879719+000	4.6125882-001						
	18	7.9678609+000	-0.3518240+001	9.5159446+000	4.8417931+000	-7.2441008+000	3.3075351+000	-7.6012629+000						
	19	-5.9681718+001	6.9264513+001	5.3421214+002	4.4059175+001	-2.1638653+001	3.3097177+001	-3.4442949+001						
	20	4.0242475+001	-6.370165+002	1.5642546+002	-3.3142203+001	-3.0458201+001	-7.2950423+001	5.7658624+001						
	21	1.7531830+001	1.3496060+001	-5.4786547+001	-3.9208234+001	6.0889127+001	6.4522352+001	-4.2948368+000						
	22	-1.1095093+002	2.8127895+002	-4.7742183+001	-1.5114148+001	3.5748771+001	-1.8149556+001	4.7973249+001						
	23	2.7421551+002	-2.9824394+002	-2.0623985+003	-2.0130130+002	9.5341816+001	-1.7743357+002	1.5160053+002						
	24	-1.4404534+002	2.4377813+003	-5.1688900+002	1.2694234+002	1.5053212+002	3.0953083+002	-2.4631184+002						
	25	-6.5721822+001	2.7076399+001	-7.1104926+001	1.0212566+001	-1.5978750+002	-1.8180719+002	1.0444374+001						
	26	4.0461733+002	-5.8444776+002	1.0951946+002	2.6375324+001	-7.6397487+001	3.7939635+001	-1.1881327+002						
27	-5.5638183+002	5.7339201+002	4.0050166+003	3.8964845+002	-1.9112051+002	4.1416042+002	-2.9796899+002							
28	2.7674879+002	-4.6403426+003	8.0939882+002	-2.3418489+002	-3.3776912+002	-6.2180674+002	4.9621861+002							
29	1.0820491+002	-9.9187984+001	2.7239655+002	-7.8637964+001	1.9064467+002	2.1935084+002	-1.0257186+001							
30	-5.7134887+002	5.7323867+002	-1.1876634+002	-2.6305129+001	7.4207412+001	-2.5818532+001	1.2661463+002							
31	5.1678562+002	-5.3124022+002	-3.7752953+003	-2.3506228+002	1.7395807+002	-4.3934911+002	2.6654010+002							
32	-2.6103929+002	4.2717469+003	-6.0690593+002	2.0831390+002	3.4774109+002	5.9229397+002	-4.6908973+002							
33	-5.9538069+001	6.7644132+001	-1.7974248+002	3.0108913+001	-8.2528368+001	-9.4612825+001	3.6992576+000							
34	2.7826497+002	-2.1250704+002	5.0496783+001	1.1676770+001	-2.7486342+001	1.2987339+001	-4.8958444+001							
35	-1.7680614+002	1.9329781+002	1.3680847+003	1.1742748+002	-5.7830382+001	1.6700861+002	-8.6718775+001							
36	9.3056249+001	-1.5102088+003	1.7282012+002	-7.1962208+001	-1.3346493+002	-2.1529499+002	1.6757233+002							
III	37	-2.6205174-001	3.6374281-001	-6.6795543-002	1.2836422-000	9.1894122-001	1.0788384-001	-1.5663277-001						
	38	-4.7617654-002	7.0886330-002	1.9590795-001	-1.0131284-000	1.0745069-001	-6.6724998-002	-2.5677793-002						
	39	1.0011101-001	7.0108032-001	6.9044501-001	-6.0554690-001	-3.6331404-001	7.0059419-002	4.4093400-002						
	40	-4.4159347-001	-6.5465706-001	3.3570002-001	6.3025941-001	-3.0207231-001	6.1211911-002	-2.4093400-002						
	41	3.7088432+000	-4.2643277+000	8.5023172-001	-1.5938622-000	-5.4923840-000	-1.1883734+000	1.8972641+000						
	42	-4.6284427-001	-1.1914285+000	-1.4822269+000	5.2246231+000	-1.3949455+000	1.2728086+000	-2.2207467-001						
	43	-4.5164969-001	-3.0293266+000	-3.4424948+000	2.6089217+000	1.0252775+000	-9.4128108-002	-7.5144523+001						
	44	2.5313544+000	2.8651498+000	-3.8511008+000	-1.8345913+000	9.9011866+001	-8.2227262-001	6.5424355+001						
	45	-1.1840431+001	9.8957985+000	-2.0022697+000	2.0156219+000	1.1291598+001	3.5267370+000	-6.4531892+000						
	46	1.6799335+000	4.1238090+000	2.7382344+000	-1.0659609+001	7.7135907+001	-2.2462174+000	2.1638911+001						
	47	1.7979310+001	3.1013581+000	3.6640756+000	-1.7773646+000	-1.2640179+000	-1.3316237-001	8.6458661-001						
	48	-3.3528648+000	-3.0909717+000	6.0486695+000	1.6857129+000	-1.2046220+000	1.5011956+000	-1.1458300+000						
	49	1.0730668+001	-4.8587732+000	4.9606614+001	-3.7818677-001	-4.6989480+000	-6.5803583+000	5.5672561+000						
	50	-4.8559180-001	-4.3111695+000	-1.4945215+000	4.9395736+000	7.9152211-001	3.5409540+000	7.6757649+001						
	IV	51	-1.6629742-002	1.6028749-001	-5.2751835-002	2.1679433-002	-9.5302810-003	-5.0978029-002	-4.8036693-001					
52		-9.0798094-002	1.8627498-001	-1.1878133-001	-4.4834254-002	6.2612718-002	4.2648826-001	-1.4652173-002						
53		1.0209012-001	2.7025881-002	2.3714902-002	3.4110337-002	4.4451286-002	-7.2125029-002	-5.2799953-002						
54		1.7694861-001	1.0137844+001	1.6875499+001	-1.3642805-001	2.1483958-001	7.7526682-002	-1.6103432-001						
55		9.5842258-002	-5.4748618-001	7.3254033-002	-4.6389567-003	1.8373217-002	-1.5899587-002	6.7473470+001						
56		3.1180923-001	-6.2944726+001	2.3846521-001	1.9041508-002	-2.4023402-001	-5.9816838-001	6.8681100-002						
V	57	-1.37745797-001	-5.0157648-002	4.2953945-002	-4.6127865-002	-4.2005447-002	1.1244420-004	1.6416124-002						
	58	-1.2999956-001	3.7786084-002	-8.6031583-002	3.7511834-002	-4.3998876-003	-1.0518483-002	-4.2822404-002						
VI	59	-7.5219686-003	-1.1788742-001	-5.8232321-003	-1.5802039-002	-5.1162652-002	6.0421104-003	1.5634675-002						
	60	5.6816609-002	-1.7677385-002	3.3456122-003	1.8518407-002	-1.9655029-002	-3.1872283-002	-2.2386673-002						

I - Main latitudinal variation, Mixed latitudinal and longitudinal variation; II - First order in longitude;
 III - Second order in longitude, VI - Fifth order in longitude.

Notation: For each entry the number given by the first eight digits and sign is multiplied by the power of ten defined by the last three digits and sign.

PREDICTED COEFFICIENTS U_{SK} DEFINING THE FUNCTION $\Omega(\lambda, \theta, T)$ FOR
 MONTHLY MEDIAN foEs (Mc/s)
 SEPTEMBER 1958

TABLE 6c
TIME VARIATION

GEOGRAPHICAL VARIATION

Harmonic	0		1		2	
	K	S	1	2	3	4
I	0	6.8100800+000	-3.3388646-001	1.1259026-001	2.3781471-002	-1.0710380-001
	1	6.0473992-001	-4.1011307-001	7.8044066-001	-6.2845245-001	-3.4302258-001
	2	-4.2988898+001	3.4767925+000	-3.9246807+000	-3.4518071+000	2.7195953+000
	3	4.5304303+000	5.7841125+000	-5.1336821+000	4.7297979+000	3.4314309+000
	4	2.7158617+002	-1.4324289+001	2.7908942+001	2.8056623+001	-2.4130944+001
	5	-1.6692576+001	-2.5522591+001	1.4229884+001	-1.3844747+001	-8.7368051+000
	6	-7.0279786+002	2.8817823+001	-7.2951859+001	-7.6261199+001	7.2724189+001
	7	2.0202750+001	3.7663852+001	-1.6767157+001	1.6547048+001	8.9797804+000
	8	7.7636672+002	-2.7937809+001	7.9400931+001	8.4986430+001	-8.7157128+001
	9	-8.9231116+000	-1.7186233+001	7.2592733+000	-6.8455234+000	-3.5435142+000
10	-3.0427963+002	1.0616915+001	-3.0447684+001	-3.3218539+001	3.6161142+001	
II	11	-1.0960738-001	-1.2615970-001	4.4984502+000	1.3633602-002	1.1953290-001
	12	1.8514741-001	-4.6907329+000	4.1124430-001	-9.7339552-002	1.4001969-001
	13	5.0582353-001	1.8571953+000	-7.4008172+000	-1.1441788+000	1.7136289+000
	14	-1.0530027+000	7.3555755+000	1.5483823+000	-6.6409235+001	-1.3082524+000
	15	3.2569775+000	-8.2313297-001	-3.2448223+001	-2.6175981+000	-4.5688101+000
	16	-8.5225989-001	3.6788989+001	-1.1315425+001	2.2671435+000	-3.0396494+000
	17	-1.3191368+001	-1.3841446+001	1.2529363+002	2.5179459+001	-2.6865098+001
	18	4.1338208+001	-1.2468873+002	-1.2779970+001	1.2862001+000	2.8019308+001
	19	-4.3757207+001	3.0944275+001	1.0953302+002	1.1347700+001	2.5848762+001
	20	-4.4390918+000	-1.5819009+002	1.0797783+002	-9.4936135+000	2.3930187+001
	21	1.2001373+002	1.7023933+001	-6.8129070+002	-1.6047915+002	1.4936877+002
	22	-3.5875966+002	6.9018056+002	3.5960415+001	2.3364658+001	-1.7604428+002
	23	1.6751125+002	-3.2327900+001	-1.1343133+002	-9.1548644+000	-4.6659448+001
	24	2.5954214+001	3.1814878+002	-2.9037741+002	2.1026333+001	-6.4497441+001
25	-4.1472528+002	1.0915255+002	1.5719787+003	4.2537351+002	-3.8735019+002	
26	1.1352340+003	-1.6359755+003	-2.8737767+001	-8.5083286+001	4.5794230+002	
27	-2.4895570+002	-8.5003809+001	-2.7110151+001	-1.1526363+001	2.0792048+001	
28	-3.4714962+001	-3.1471974+002	2.8779996+002	2.7841285+001	6.7775050+001	
29	5.7618669+002	-2.8767718+002	-1.6060696+003	-5.0089290+002	4.6364782+002	
30	-1.4803531+003	1.7299812+003	-5.4737696+001	9.4292437+001	-5.2645329+002	
31	1.2726437+002	1.0136011+002	5.9227241+001	1.2373880+001	6.9276044+001	
32	1.1125938+001	1.3236213+002	-8.8075304+001	1.3314847+001	-2.3258121+001	
33	-2.7368262+002	1.8251422+002	5.9805837+002	2.1642064+002	-2.0498050+002	
34	6.7566349+002	-6.7107023+002	1.0924887+000	-2.9578283+001	2.2060592+002	
III	35	-2.1368100-001	3.3992880-001	2.9817238-002	3.6961762-002	5.9941477-001
	36	-2.8686719-001	-4.1016551-002	3.0038427-001	-5.9756716-001	-8.1685998-002
	37	3.0466266-002	1.1506450+000	1.8598414+000	-1.0127647-001	2.5634470-001
	38	-9.2442966-001	-9.3039699-001	1.6466808+000	6.0012324-001	-6.6992248-001
	39	2.0793255+000	-4.3772695+000	4.5374117-001	3.4894020-001	-2.1138388+000
	40	1.3905604+000	5.4316073+001	-2.2249956+000	1.5609920+000	3.6835019+001
	41	-5.9115546-001	-5.9497447+000	-1.0685803+001	-2.1261033+000	-4.8096902+000
	42	5.1892382+000	5.6724849+000	-1.0084211+001	3.1220008-001	1.0009241+000
	43	-2.7867881+000	7.9497341+000	-1.0551003+000	-1.6285091+000	2.9094794+000
	44	-2.1114046+000	-1.0505770+000	2.6739012+000	-1.9628955+000	-1.3821984+000
	45	1.3264932+000	7.4593950+000	1.3357803+001	2.1127568+000	7.4017791+000
46	-6.2775630+000	-6.7683774+000	1.3169759+001	-1.5014588+000	-1.6533247+000	
IV	47	1.1336818-001	1.9231122-001	-1.3147560-001	2.5341274-002	1.7532484-001
	48	5.4749091-002	9.8306153-002	-1.8147529-001	-1.7455627-001	-4.3681419-002
	49	1.5100001-001	-4.4079694-002	2.7331537-002	1.1083840-001	-8.4758535-002
	50	2.2978061-001	8.9571068-002	9.4950281-002	-2.4642639-001	1.7084557-001
	51	-1.8362039-001	-9.1334492-001	6.1176435-001	-4.0467595-001	-4.8408957-001
	52	6.7486974-002	-5.2185927-001	7.6077441-001	4.7586321-002	4.3492677-002
V	53	-9.9319239-002	-1.4958465-001	1.3552658-001	-3.3588680-002	-7.9118863-002
	54	-8.7352673-002	2.2449421-002	-1.9806303-002	-7.3503945-002	-9.0057591-002

I - Main latitudinal variation. Mixed latitudinal and longitudinal variation; II - First order in longitude; III - Second order in longitude. V - Fourth order in longitude.

Notation: For each entry the number given by the first eight digits and sign is multiplied by the power of ten defined by the last three digits and sign.

PREDICTED COEFFICIENTS U_{SK} DEFINING THE FUNCTION $\Omega(\lambda, \theta, T)$ FOR
MONTHLY UPPER DECILE foEs (Mc/s)
SEPTEMBER 1958

TABLE 7a
TIME VARIATION

Harmonic	0		1		2		
	k	S	0	1	2	3	4
I	0		3.2295467+000	-1.4694408-001	4.0855700-002	-7.0388885-002	-2.1569686-002
	1		-1.2104215+000	4.9745167-001	-5.6561959-001	1.8212346-001	1.0263675-001
	2		-1.9260838+001	3.7759748+000	-1.9285737+000	1.6612013+000	7.6757676-001
	3		1.1301896+001	-2.6992917+000	6.6228845+000	-2.4507230+000	4.2208324-001
	4		1.0003085+002	-2.5497904+001	1.3274096+001	-9.7956262+000	-5.5022881+000
	5		-3.8702759+001	4.4511574+000	-2.1610334+001	8.0023887+000	-3.7355244+000
	6		-2.2315932+002	6.9017789+001	-3.4834135+001	2.2713655+001	1.4536880+001
	7		4.9935741+001	-3.5298715+000	2.6296880+001	-9.4400709+000	6.4081484+000
	8		2.2003851+002	-7.8868670+001	3.9425926+001	-2.2544621+001	-1.6135453+001
	9		-2.1949377+001	1.3227037+000	-1.0763032+001	3.6882457+000	-3.2053815+000
10		-7.9206709+001	3.1802418+001	-1.5976489+001	7.9947259+000	6.3607092+000	
II	11		-1.2203042-001	-1.7369158-001	2.7593898+000	-1.1757970-001	2.0977288-002
	12		1.7941628-001	-2.7055664+000	9.0075119-002	-1.2765753-001	-3.2558544-002
	13		5.1812502-002	1.6941881+000	-4.1380646+000	9.2676598-001	1.5024864+001
	14		-1.4136514+000	4.9373064+000	-1.2509001+000	-1.9374344-001	-2.0548919-001
	15		6.0703913+000	8.6059800+000	-3.2736405+001	4.9478318+000	1.0234549-001
	16		-8.3229957+000	3.7882577+001	-2.0695591-001	5.8385254+000	3.1391083+000
	17		2.0633318+000	-2.2071814+001	4.4533058+001	-1.5081839+001	-2.5010768+000
	18		3.3828309+001	-5.5564602+001	2.1180078+001	2.8995158+000	-5.8107557-001
	19		-5.5390200+001	-7.9383725+001	2.1895905+002	-5.5009741+001	3.2485161+000
	20		7.5439885+001	-2.9201705+002	-3.8594134+000	-5.4187718+001	-3.0733107+001
	21		-2.0613181-001	1.0218893+002	-1.5142634+002	7.1830641+001	1.8457423+001
	22		-2.1559514+002	2.0587081+002	-1.1372311+002	-8.6752471+000	1.2570367+001
	23		1.9485550+002	3.1133758+002	-7.2810919+002	2.3937191+002	-3.3784095+002
	24		-2.9542978+002	1.0923653+003	2.5042171+001	2.0223443+002	1.1045156+002
	25		-2.7766449+001	-2.1073841+002	1.8892419+002	-1.4621483+002	-6.0052786+001
	26		5.6036011+002	3.1297337+002	2.6609268+002	4.8559307+000	-4.3052383+001
	27		-3.3854777+002	-5.8897636+002	1.3011583+003	-4.7874770+002	1.1224559+002
	28		5.5606410+002	-2.1295207+003	-5.6650981+001	-3.5581622+002	-1.9053777+002
29		5.8257379+001	1.9672505+002	-5.9767205+001	1.3319887+002	8.1897261+001	
30		-6.3970863+002	1.9427915+002	-2.7936107+002	1.0051715+001	5.5549703+001	
31		2.9882496+002	5.2878350+002	-1.1769292+003	4.4231706+002	-1.4926860+002	
32		-4.9673040+002	2.0502215+003	5.7619213+001	2.9173332+002	1.5760750+002	
33		-3.4584535+001	-6.7964787+001	-2.3499811+001	-4.4664693+001	-3.8712553+001	
34		2.6482301+002	-3.2518659+001	1.0802591+002	-9.6550500+000	-2.4471989+001	
35		-1.0732389+002	-1.8005125+002	4.1868363+002	-1.5258124+002	6.8584921+001	
36		1.6968263+002	-7.6421158+002	-2.3352853+001	-8.9280693+001	-4.9596836+001	
III	37		-1.0129348-001	-4.8331408-002	-4.8639499-002	-2.9776003-001	1.1049255+000
	38		1.6536846-001	1.1311551-001	1.4767158-002	-1.0698256+000	-1.3512982-001
	39		8.9496749-002	7.7961050-003	-2.7628093-001	5.6320446-002	-9.9280945-001
	40		2.8145155-001	1.1614681-001	-5.2035011-001	8.4601968-001	5.0227459-002
	41		4.7431998-001	7.1814860-001	7.7197616-001	2.7265297+000	-7.5463196+000
	42		-1.2578332+000	-6.6736930-001	6.3403740-001	7.2418237+000	8.6034278-001
	43		-1.1667154-001	-2.9043424-001	1.7150085+000	2.2626942-001	5.0285923+000
	44		-1.1104067+000	-5.7522167-001	2.3480437+000	-4.7863678+000	2.0947911+001
	45		8.7697433-001	-3.5794532+000	-2.5273941+000	-8.3412458+000	1.9387219+001
	46		1.6841491+000	1.5755671+000	-3.9437101+000	-1.7084129+001	-2.3108881+000
47		-5.2306281-001	1.0497570+000	-2.0125936+000	-3.8078095-001	-4.5112659+000	
48		1.1687360+000	8.9376773-001	-1.9312070+000	4.9066280+000	-2.1792757-001	
49		-2.7303399+000	3.6706251+000	1.7035127+000	7.1395558+000	-1.4464453+001	
50		1.0956729-001	-1.6989377+000	4.0085117+000	1.1203281+001	1.4455311+000	
IV	51		-7.8332409-002	-2.9755461-002	3.2057198-002	6.3823704-003	-3.2921590-003
	52		-3.3041480-002	3.6577122-002	5.3869099-002	5.4788093-002	3.4955276-002
V	53		1.1319735-001	-1.3731529-002	1.2447464-001	-2.7647137-002	6.4456690-003
	54		-6.4655550-002	3.7133839-003	-3.0332368-003	2.8033754-002	1.1419999-003

GEOGRAPHICAL VARIATION

I - Main latitudinal variation. Mixed latitudinal and longitudinal variation; II - First order in longitude; III - Second order in longitude. V - Fourth order in longitude.

Notation: For each entry the number given by the first eight digits and sign is multiplied by the power of ten defined by the last three digits and sign.

PREDICTED COEFFICIENTS U_{SK} DEFINING THE FUNCTION $\Omega(\lambda, \theta, T)$ FOR
MONTHLY LOWER DECILE foEs (Mc/s)
DECEMBER 1954

TABLE 7b

TIME VARIATION

Harmonic	O		I		2		3	
	K	S	1	2	3	4	5	6
I	0	4,7095051+000	-2,5987920-002	1,4722473-001	-1,177804-001	2,1023983-002	-1,8757133-002	1,5520147-002
	1	-2,3778035+000	-2,8404043-001	-4,3778965-001	-7,9219762-002	3,3389421-001	-5,5867894-003	2,3805421-001
	2	-3,432932+000	7,2337301+001	-2,9987968+000	2,8157293+000	4,1088809+001	3,8303775+001	-6,8437522-002
	3	1,9026263+001	4,0534573+000	4,4873744+000	-5,9949075+001	-2,7189637+000	3,1052774+001	-2,2606162+000
	4	1,9607945+002	-9,5804101+000	1,6044609+001	-1,5949720+001	-6,9989059+000	-3,2649933+000	5,5814083+001
	5	-6,7635228+001	-1,4502366+001	-1,4969253+001	3,4388802+000	6,7795776+000	-1,8932873+000	7,4018239+000
	6	-4,5845934+002	3,4274596+001	-3,5434294+001	3,5807327+001	2,8458826+001	1,0082034+001	-3,0096796+000
	7	9,0295330+001	1,6346329+001	1,9466389+001	-4,7524343+000	-7,8195101+000	3,2020267+000	-9,9313750+000
	8	4,6584658+002	-4,3671129+001	3,4767093+001	-3,5131883+001	-4,1171744+001	-1,2604659+001	4,9875537+000
	9	-3,9597192+001	-5,4438261+000	-8,4604327+000	1,8085573+000	3,6910502+000	-1,5890852+000	4,6528852+000
10	-1,7143264+002	1,8389784+001	-1,2337688+001	1,2583938+001	1,9564226+001	5,4440248+000	-2,4419944+000	
II	11	-7,1233982-002	2,8091219-003	3,7358543+000	-1,1824764-001	-5,8341823-002	-3,8764957-002	-6,4612548-002
	12	-2,6812635+001	-3,8268115+000	1,6369040+001	-1,0541086+001	-1,7712234-002	-8,1261065-003	7,1599199-002
	13	-1,1748933-002	9,3424474+001	-6,4245210+000	8,3428055-001	-2,8491007+001	-3,9385206-001	-3,4414214+001
	14	-2,1716762+000	7,3367173+000	-3,3553478-002	8,9249203-002	-5,1563314+001	-9,8234914-002	-3,8133709-001
	15	5,0886439+000	9,8603055+000	-5,2111021+001	4,5240800+000	4,3339259+000	2,0015131+000	-6,1482844-002
	16	1,2645172+000	5,9565698+001	5,8735496+000	1,2293953+002	4,8597319+000	1,8688515+001	-3,6450195+000
	17	5,4992710+000	6,1047425+001	7,2150041+001	-1,4727343+001	7,5833412+000	5,3802375+000	5,8634026+000
	18	5,2441358+001	-9,1019002+001	1,2327125+001	-2,1003937+000	4,0463444+000	-3,7229936+000	3,6159195+000
	19	-5,8274835+001	-8,8694921+001	3,8507661+002	-3,4792044+001	-5,5298326+001	-1,7932303+001	6,5847131+000
	20	1,3025104+001	-4,5608653+002	-7,7274609+001	2,5439217+001	-5,7196586+001	4,2292466+000	4,3867546+001
	21	-2,9077762+001	-3,5612911+001	-2,0585129+002	7,6885242+001	-4,5908722+001	-2,6345623+001	-3,0812884+001
	22	-3,4148469+002	3,8866416+002	-1,0658506+002	1,9957079+001	-8,2290578+000	3,6536590+001	-1,3464682+001
	23	2,5297026+002	3,2134890+002	-1,4025026+003	1,4158431+002	2,6229507+002	5,9126247+001	-3,7357232+001
	24	1,1781022+002	1,6642590+002	3,9508000+002	-1,8147756+002	2,3885565+002	-4,4412437+001	-2,0472672+002
	25	6,1227500+001	-2,492021+002	4,212233+002	-1,7429291+002	1,1368334+002	5,8220349+001	6,8226121+001
	26	9,0420107+002	-7,5363366+002	3,1379947+002	-6,4324595+001	-2,2128088+000	-1,0939752+002	1,9067076+001
27	-5,4960645+002	-5,4357421+002	2,6438261+003	-3,3760013+002	5,6801514+002	-8,3605959+001	8,5052528+001	
28	5,7969434+002	-3,0885246+003	-9,0292020+002	4,7737348+002	-4,5693070+002	1,3760014+002	4,4090392+002	
29	-5,5977559+001	-1,6857770+002	-2,9222104+002	1,7767224+002	-1,2792269+002	-5,9817789+001	-6,7114853+001	
30	-1,0389285+003	6,9838841+002	-3,8410095+002	8,5727424+001	1,9290616+001	1,3164619+002	-7,3711241+000	
31	5,8665836+003	4,2514856+002	2,4487034+003	1,9081332+002	5,7527156+002	4,5495627+001	8,4008361+001	
32	-7,5096046+002	2,7892281+003	9,3869328+002	-5,4241739+002	4,0375959+002	-1,7028055+002	-4,4253767+002	
33	1,6587110+001	7,9594553+001	6,6889358+001	-6,6344299+001	5,3614388+001	2,3239567+001	2,3906817+001	
34	4,2872801+002	-2,5307272+002	1,6272640+002	-4,0409141+001	-1,2265824+001	-5,5336604+001	-1,8909768+000	
35	-2,4035727+002	-1,2181518+002	8,7520010+002	-6,075138+001	-2,2106386+002	-4,3467087+000	2,9132319+001	
36	3,3774376+002	-9,6637826+002	-3,6415558+002	2,2367352+002	-1,3247561+002	7,3274951+001	1,6786659+002	
III	37	-1,8028255+001	-1,2187640+001	-2,5909940+001	-2,4866066+001	8,3907517+001	3,4086054+002	-2,9292226+002
	38	3,3123044+002	3,3231926+002	1,1402098+002	-9,4610653+001	-9,5297154+002	2,3538522+002	-8,2603952+003
	39	5,1654124+001	2,6542094+001	1,7879308+002	-1,5569988+001	-3,5186325+001	-9,9424362+002	-2,0839124+001
	40	-9,2219062+002	2,5234801+001	1,1086388+001	1,2503813+001	-1,1392449+001	-1,1557589+001	-1,2219088+001
	41	5,9342938+001	1,6002032+000	3,6788453+000	1,2258206+000	-5,5565643+000	-1,7471449+001	-1,2022345+001
	42	-1,2085927+000	1,0639554+000	1,3455664+000	7,0997543+000	2,2266326+002	5,0441454+001	-1,8192815+001
	43	-2,1236789+000	-3,5319452+000	-1,0301007+000	1,7789067+000	1,2495477+000	6,6844561+001	1,1090496+000
	44	1,6267292+000	-9,9193850+001	-2,3732422+000	-7,4303994+001	4,4904421+001	6,4469201+001	5,9852202+001
	45	1,9375643+000	3,4825426+000	-9,5086742+000	-4,6380545+000	1,3847374+001	-2,5257086+001	1,5701859+000
	46	8,5232284+001	-4,5173567+000	-5,8821668+000	-1,8567628+001	-1,1356559+000	-2,8135581+000	1,1418206+000
47	2,2355394+000	6,5751719+000	1,3452495+000	-1,9876164+000	-3,8885600+001	-1,2833363+000	-9,4597199+001	
48	-8,0693868+001	1,5593490+000	4,4290350+000	1,4426916+001	-3,0886818+001	-6,3181760+001	-9,0994053+001	
49	-4,8516092+000	7,7169960+001	6,3184000+000	3,7790339+000	-9,6933952+000	9,9492054+001	-2,1454511+000	
50	9,8160862+001	2,9037228+000	5,6202508+000	1,3778635+001	4,8686556+001	2,9446651+000	-9,8768704+001	
IV	51	-1,7148566+001	-1,3633252+003	-2,5787732+003	-3,5476253+002	8,3540467+002	-1,6485266+001	-5,0511979+002
	52	7,9066089+002	5,1727074+002	1,6668401+001	8,1137927+002	3,8181243+002	5,6304674+002	-1,8680265+001
	53	4,1482279+001	1,9009187+002	4,1446625+002	7,6808471+002	5,2335303+002	4,5479604+002	1,5576122+001
	54	1,2144647+001	-1,5186175+002	-2,3075282+004	-9,4371070+002	-8,6168622+002	-2,6106169+001	1,4799880+001
	55	1,5808309+002	-2,9734623+001	1,1756816+002	2,9221691+001	-4,9387401+001	1,8807888+001	9,4060687+002
	56	-2,2966994+001	-8,9603489+002	-4,4506162+001	-1,5938741+001	-8,1340629+002	-1,4734632+002	2,3746154+001
V	57	1,1205768+001	2,7197402+002	9,6353234+002	-1,9273615+002	3,1257278+002	9,5704748+003	1,4346960+004
	58	4,1935347+002	5,0064372+002	6,1746761+002	1,6720643+002	3,0519883+002	4,2257303+003	2,7405444+003
VI	59	1,9670584+001	6,6441537+003	7,1512023+002	-6,5144059+003	2,5072578+002	-7,1449267+003	1,2409782+002
	60	-3,8644136+002	5,7613642+002	5,0516017+002	9,1449566+003	6,0661357+003	-1,5489051+002	-5,5223448+002

I - Main latitudinal variation. Mixed latitudinal and longitudinal variation; II - First order in longitude; III - Second order in longitude. VI - Fifth order in longitude.

Notation: For each entry the number given by the first eight digits and sign is multiplied by the power of ten defined by the last three digits and sign.

PREDICTED COEFFICIENTS U_{SK} DEFINING THE FUNCTION $\Omega(\lambda, \theta, T)$ FOR
MONTHLY MEDIAN foEs (Mc/s)
DECEMBER 1954

TABLE 7c
TIME VARIATION

Harmonic	O		I		2		
	K	S	0	1	2	3	4
I	0		7.1675846+000	-2.7446162-001	4.3362294-002	-1.3625258-001	-6.7473422-002
	1		-3.1353708+000	-5.0307745-001	-1.0352242-001	-3.0452525-001	3.1554895-001
	2		-5.0384764+001	4.2088159+000	-1.2813031+000	1.9073641+000	2.9685292+000
	3		1.8492495+001	3.7919819+000	2.2514502+000	1.0995113+000	-1.7707729+000
	4		3.1258339+002	-2.3752441+001	7.7594662-001	-1.0214375+001	-2.4892274+001
	5		-6.6856943+001	-8.3664557+000	-6.2582223+000	-8.2710916-001	2.0529878+000
	6		-7.5838818+002	4.9836082+001	8.0848348+000	2.0284112+001	7.8141846+001
	7		9.3789215+001	3.8858953+000	5.8789607+000	-9.3314201-001	-1.0343913+000
	8		7.8551824+002	-4.1004876+001	-1.2381957+001	-1.6523338+001	-9.9497994+001
	9		-4.2891240+001	1.3775934+000	-1.2101323+000	8.9722884-001	6.9884941-001
10		-2.9132901+002	1.0923732+001	4.8702930+000	4.6395172+000	4.3735746+001	
II	11		5.0932576-002	6.2808553-001	3.0931031+000	3.2787335-002	-1.0890189-001
	12		-1.0443086+000	-3.0097515+000	1.0575510+000	9.4738495-002	1.7579245-002
	13		7.4790799-001	2.0963464+000	-2.7906191+000	-6.2584100-001	-1.1546497+000
	14		4.2230649+000	4.7206288+000	3.8168330+000	-2.6494742-002	-1.5551453+000
	15		-2.5437816+000	4.4917277+000	-2.1335202+001	-2.0936804+000	-2.3816720-001
	16		2.0533544+001	2.3633404+001	-9.7060404+000	-5.4401488-001	-8.1882684-002
	17		-2.1407337+001	-1.6345219+001	4.4665542+001	1.4498899+001	1.6730703+001
	18		9.1066338+001	-6.4127481+001	-5.6333161+001	-7.3588242+000	2.2064186+001
	19		1.2017115+001	4.8768630+001	7.6856293+001	2.3350220+001	2.1527500+001
	20		-1.3785427+002	-9.9594377+001	7.9236266+001	4.9312066+000	-6.9414338+000
	21		1.5807818+002	7.1952935+001	-2.4807759+002	-1.2048957+002	-8.0954471+001
	22		-5.7154904+002	3.1163941+002	2.6568821+002	8.5809954+001	-1.0761690+002
	23		-3.2864793+001	2.1723548+002	-1.0512881+002	-8.2537151+001	-1.0070329+002
	24		3.4089684+002	1.8499197+002	-2.0163394+002	3.0924040+001	4.2298613+001
25		-4.1978667+002	-1.5931241+002	6.0116198+002	3.7397614+002	1.6357225+002	
26		1.4950328+003	-7.0165420+002	-5.3905805+002	-2.9093425+002	2.3497036+002	
27		2.2346468+001	-3.7521001+002	4.0339326+001	1.2390302+002	1.6369161+002	
28		-3.6024078+002	-1.7198796+002	1.8441332+002	5.6451252+001	-8.5231619+001	
29		4.5580624+002	1.5757162+002	-6.5854599+002	-4.8595806+002	-1.4356368+002	
30		-1.7169909+003	7.6704824+002	4.9654559+002	3.8519909+002	-2.3529876+002	
31		6.1172792+000	2.1436862+002	6.9630536+000	-6.6743053+001	-8.7870181+001	
32		1.3687062+002	7.4043342+001	-4.6367629+001	-3.1467185+001	5.4708346+001	
33		-1.7473556+002	-5.6857745+001	2.6196440+002	2.2466689+002	4.4062620+001	
34		7.0904856+002	-3.2912009+002	-1.7527804+002	-1.7584715+002	8.8901636+001	
III	35		-3.5598457-001	2.8243259-001	-9.8636631-003	-2.6437861-003	4.1637903-001
	36		-1.9182869-001	8.6579877-002	1.0644191-001	-2.5821542-001	8.8877186-002
	37		6.6042977-001	6.8647641-001	9.5560816-001	-1.0347846-001	-7.6055311-003
	38		-8.7704115-001	5.8238883-001	8.1180024-001	-6.7979514-001	2.1116032-002
	39		2.3870232+000	-9.2451129-001	1.1021489+000	-5.2573543-001	-1.5559922+000
	40		-2.0844500+000	9.1623664+001	-1.0672668+000	3.6722038-001	-1.5036045+000
	41		-3.1121621+000	-4.5769776+000	-6.5339335+000	4.0938569+000	1.0713277+000
	42		8.6158299+000	-2.6004034+000	-6.7897096+000	2.8002444+000	3.0031405+000
	43		-2.5192100+000	4.4187215-001	-1.9779193+000	-2.9186116-001	1.9177668+000
	44		2.6355251+000	-1.8702221+000	1.1297085+000	-1.6815775-001	9.0662992+001
	45		4.2569188+000	7.4523296+000	8.3489721+000	-5.2439210+000	-2.4789390+000
	46		-9.9554258+000	3.1433949+000	9.7523464+000	-1.8510816+000	-4.1067173+000
IV	47		-8.0580318-002	1.8312124-001	1.0359083-001	1.7868019-001	1.7649747-001
	48		3.4335095-001	-1.5546771-001	2.0539858-002	-2.1067600-002	3.0842146-002
	49		8.3047186-001	-1.1785042-001	1.3259028-002	-1.0380597-001	1.1927246-001
	50		3.6796393-001	3.5471235-002	4.1438261-002	-2.6579537-001	-3.4308939-001
	51		-1.4899995+000	-7.2267696-001	-1.0041315-001	-4.9406595-001	-9.7117577-001
	52		-1.1058663+000	1.7519483-001	-1.1245848-002	3.0710783-001	9.5930601-002
V	53		2.3220976-001	5.1309969-003	8.3669984-002	1.9445067-003	7.7332698-002
	54		2.3752977-001	-7.1907929-002	-8.0932448-002	-8.2588057-002	7.5119936-002

GEOGRAPHICAL VARIATION

I - Main latitudinal variation. Mixed latitudinal and longitudinal variation; II - First order in longitude;
III - Second order in longitude. V - Fourth order in longitude.

Notation: For each entry the number given by the first eight digits and sign is multiplied by the power of ten defined by the last three digits and sign.

PREDICTED COEFFICIENTS U_{SK} DEFINING THE FUNCTION $\Omega(\lambda, \theta, T)$ FOR
MONTHLY UPPER DECILE foEs (Mc/s)
DECEMBER 1954

TABLE 8a
TIME VARIATION

GEOGRAPHICAL VARIATION

Harmonic	0				1				2			
	K	S	0	1	2	3	4	0	1	2	3	4
I	0		3,0823275+000	-2,0375802-001	-2,3956461-002	-4,6481550-002	-7,5911622-002					
	1		3,3827932-001	-1,9684117-001	8,2013002-002	6,3138799-002	-2,5758278-001					
	2		-1,4180818+001	3,0001521+000	1,4416646-001	-9,5652835-001	7,8250213-002					
	3		-4,8937078+000	2,5169270+000	-1,1341769+000	-1,6610909+000	2,1599567+000					
	4		8,3650026+001	-1,4681575+001	-6,4483950-001	1,0292919+001	-1,5442800-001					
	5		1,3951513+001	-9,4562617+000	3,5845880+000	6,3961300+000	-6,1591096+000					
	6		-2,0212274+002	3,1261956+001	9,1783471-001	-2,9798664+001	2,8394897+000					
	7		-1,7853251+001	1,2087223+001	-3,8045391+000	-8,2979186+000	7,0636798+000					
	8		2,1097337+002	-2,8795419+001	-1,0704230-001	3,3620586+001	-5,2266405+000					
	9		7,6923275+000	-4,9243662+000	1,2293932+000	3,4717147+000	-2,8246961+000					
10		-7,9667955+001	9,6198073+000	-2,6375956-001	-1,3102888+001	2,5111754+000						
II	11		-5,4067741-003	1,7365522-002	2,7873214+000	2,5030756-002	-8,3808527-002					
	12		3,1295079-001	-3,1794768+000	1,9405495-001	-6,7330269-002	-2,0259867-001					
	13		8,2981976-001	-8,5834130-001	-1,0909062+000	2,3907053-001	-3,4963836-001					
	14		1,2476286+000	2,0239273+000	-8,8183952-001	-2,3210102-002	-1,2717370+000					
	15		1,6803234+000	-4,2474743-001	-3,6114100+001	-2,4377225+000	3,1472308+001					
	16		-7,7857172+000	4,5508960+001	-3,8412471+000	1,9184282+000	-1,4180354+000					
	17		-1,3998217+001	1,4563185+001	1,4776651+001	-1,0941709+001	1,7672044+000					
	18		-1,2803576+001	-3,0481339+001	1,0739824+001	4,5996942-001	1,2158195+001					
	19		-2,7439280+001	1,6716564+001	2,8565766+002	2,3180853+001	7,5977220+001					
	20		6,3587385+001	-3,6789547+002	4,5028200+001	-2,2948875+001	2,9990529+001					
	21		8,2930857+001	-6,6223510+001	-4,3481987+001	7,8701084+001	6,9433780+001					
	22		4,8104937+001	1,3818160+002	-4,8645296+001	3,1139136+000	-4,5985235+001					
	23		1,1919536+002	-1,0163499+002	-1,0659580+003	-1,0681326+002	-1,4238557+000					
	24		-2,6154852+002	1,3668511+003	-1,9379772+002	9,5335486+001	-1,3786651+002					
	25		-2,1116446+002	1,1543040+002	3,3013616+000	-2,1656047+002	-1,9684511+001					
	26		-8,0438173+001	-2,5098596+002	1,0764365+002	1,3875901+001	8,4300943+001					
27		-2,0744832+002	2,5962014+002	2,0478729+003	2,4849083+002	1,2397347+000						
28		5,3872722+002	-2,5533954+003	3,7423422+002	-1,7508046+002	2,6637555+002						
29		2,3969161+002	-7,6022489+001	9,2551111+001	2,5521936+002	3,6533616+001						
30		5,8170037+001	1,9495734+002	-1,1063625+002	1,3636739+001	-7,3794656+001						
31		1,4653065+002	-3,0127752+002	-1,9322956+003	-2,7430531+002	-6,0451218+000						
32		-5,2982835+002	2,3187893+003	-3,3742560+002	1,4912796+002	-2,3464207+002						
33		-9,9940722+001	1,1048125+001	-7,0838896+001	-1,0774862+002	-1,9251775+001						
34		-1,3470532+001	-5,0809271+001	4,2063463+001	-2,6259046+000	2,4379485+001						
35		-2,9246977+001	1,2954327+002	7,0377501+002	1,1322546+002	5,6015008+000						
36		1,9693463+002	-8,1069750+002	1,1588720+002	-4,8734314+001	7,8303980+001						
III	37		-3,1743592-001	3,2606589-001	-4,6274142-002	9,0750714-002	1,0788654+000					
	38		2,4793816-002	-1,0682234-001	1,7329306-002	-9,2501607-001	-8,1169835-002					
	39		-2,9825817-003	7,1635001-001	-2,1718047-001	9,8736603-002	6,7369681-001					
	40		1,8391988-001	8,2996626-002	4,8974526-002	-2,5427328-001	-2,9265910-001					
	41		4,223+053+000	-3,0487050+000	1,1922594+000	-1,4273621+000	-8,1909340+000					
	42		-1,1217207+000	5,1711242-001	-1,7416090-001	6,9835521+000	9,3827613-002					
	43		1,0836202-001	-3,1379275+000	9,0456296-001	-1,1616519-001	-2,5401933+000					
	44		-1,1215445+000	-4,8877873-001	-5,7906557-001	1,0148809+000	1,6339771+000					
	45		-1,5614001+001	7,1885153+000	-5,2495687+000	3,4350160+000	2,2274589+001					
	46		3,0021886+000	-5,7782960-001	9,7392408-001	-2,0829595+001	-2,3957985-001					
47		-4,9572826-001	3,8559018+000	-7,1143835-001	-2,5217039+002	3,9554481+000						
48		1,7969233+000	3,2761175-001	1,5631855+000	-2,6267850+000	-1,6330724+000						
49		1,5136590+001	-5,3369959+000	4,8747138+000	-2,5322934+000	-1,7093294+001						
50		-2,6929169+000	2,3549296-001	-1,5456923+000	1,7505037+001	-2,6200576-002						
IV	51		-8,5298846-002	5,4003437-002	-2,7727935-003	1,4694968-002	1,2791906-002					
	52		-9,9060524-002	4,7751251-002	-3,8179919-002	-3,9363837-003	8,7233437-002					
V	53		7,6130470-003	-1,1627800-001	-1,2816716-002	-5,9796864-002	-3,2220802-002					
	54		-8,4766830-002	4,3029972-002	-3,7175674-002	-8,6305286-003	8,1932059-002					

I - Main latitudinal variation. Mixed latitudinal and longitudinal variation; II - First order in longitude; III - Second order in longitude. V - Fourth order in longitude.

Notation: For each entry the number given by the first eight digits and sign is multiplied by the power of ten defined by the last three digits and sign.

PREDICTED COEFFICIENTS U_{SK} DEFINING THE FUNCTION $\Omega(\lambda, \theta, T)$ FOR
MONTHLY LOWER DECILE foEs (Mc/s)
DECEMBER 1958

TABLE 8b

TIME VARIATION

Harmonic	TIME VARIATION							
	S	0	1	2	3	4	5	6
I	0	5.1743975+000	-3.3724091-001	1.0172553-001	-1.4297328-001	-4.7645485-002	3.5145969-002	-9.3291931-003
	1	-1.0608236+000	-4.1466427-001	5.5379669-001	1.4296896-001	4.5924982-001	2.1427444-001	1.3771569-001
	2	-4.0864330+001	6.1471964+000	-1.3837755+000	2.1066288+000	2.1535857+000	-1.6948491-001	8.6013965-001
	3	1.2637123+001	6.0629814+000	-5.5584521+000	-2.8511738+000	-1.6551479+000	-1.1489048+000	-2.5843077+000
	4	2.4234188+002	-3.8124355+001	7.5637477+000	-4.0204246+000	-1.0414387-001	-2.1644787-001	-4.7578224+000
	5	-5.9506223+001	-2.3847787+001	1.6400122+001	9.5930029+000	-2.9013985+001	2.1021207+000	9.7057424+000
	6	-5.7678365+002	9.5732298+001	-1.8885564+001	-4.4999981+000	5.0589744+000	3.1447364+000	1.0127475+001
	7	8.9748132+001	3.2178462+001	-1.8837176+001	-1.1783943+001	4.5666837+000	-1.9215182+000	-1.3702481+001
	8	5.9266725+002	-1.0203975+002	2.1595136+001	1.4328131+001	-7.1820027+001	-5.7014196+000	-9.3413652+000
	9	-4.2561803+001	-1.3908196+001	7.4467953+000	4.9951228+000	-3.1030854+000	7.4712887-001	5.6297860+000
10	-2.2041182+002	3.8716739+001	-8.9629020+000	-7.7228675+000	2.9596001+001	2.9482572-001	3.1197369+000	
II	11	4.2885388-002	-3.8702524+001	4.4572255+000	-1.2120217-001	-1.2237321-001	-1.2379072-002	-8.1598811-002
	12	-4.4760099+002	-4.4593919+000	2.7672885-001	5.1119062-002	-3.9350615-002	-1.2368443-001	8.6412848-002
	13	1.0674851+000	6.8286828-001	-6.4603880+000	-4.1181149-001	2.4932635-001	-3.8567079-001	-1.2367201-001
	14	-1.4594406+000	8.9164874+000	-6.1116982-001	3.3474707-001	5.0746312-001	-2.5405169-001	1.9961901-001
	15	-1.6128895+000	1.3302305+001	7.4072915+001	6.1730869+001	1.5179176+000	-1.0444517+000	3.1034948+000
	16	-6.9446989+000	7.8227230+001	-6.6798278+000	3.1904820+000	4.5611642+000	4.5865531+000	-1.5156616+000
	17	-1.6683395+001	-6.0279263+000	7.8407987+001	4.3652891+000	-4.0225287+000	3.7417467+000	3.5357516+001
	18	2.8972636+001	-1.1166577+002	1.3784991+001	-6.3618549+000	-3.3320081+000	6.941047-002	-5.6755953+000
	19	6.1858975+000	-8.8821062+001	6.0891338+002	1.7275387+000	-1.0930635+001	2.1862979+001	-3.5248120+001
	20	1.0296755+002	-6.5814799+002	6.8944812+001	-3.7131925+001	5.5884792+001	-4.7644227+001	1.7718449+001
	21	9.8779222+001	1.2426309+001	-3.2255902+002	-1.3360807+001	2.0220147+001	2.0448095+001	9.7869408+000
	22	-1.7499938+002	4.8459567+002	-8.7166393+001	5.1429430+001	-1.0495537+001	-2.7728169+001	4.1332221+001
	23	9.0430691+000	2.8696808+002	-2.3301058+003	-3.4999793+001	5.7880100+001	-1.2444343+002	1.5064511+002
	24	-5.7631796+002	2.5397395+002	-2.4651267+002	1.2854735+002	2.5728302+002	2.0659175+002	-8.0760532+001
	25	-2.4462373+002	1.3968078+001	5.8457801+002	8.8794403+000	-4.5848731+001	-8.6374773+001	-5.4918358+001
	26	4.6697430+002	-9.5218179+002	2.3014315+002	-1.5424739+002	7.6764413+001	6.8326209+001	-1.1275679+002
27	-7.0314792+001	-4.7239748+002	4.4875977+003	1.3256073+002	-1.4447045+002	2.9206343+002	-2.9172767+002	
28	1.4096903+003	-4.865797+003	4.0221070+002	-1.8444269+002	-5.4628950+002	-2.2075732+002	2.0096881+002	
29	2.6462786+002	-6.0681187+001	-4.7605420+002	9.6744840+000	4.4986360+001	1.2295571+002	9.3536472+001	
30	-5.6350514+002	8.7531725+002	-2.6893890+002	1.8853450+002	-1.2250359+002	-7.5101238+001	1.2937711+002	
31	9.5766421+001	3.7704391+002	-4.1996973+003	-1.8593508+002	1.5754472+002	-3.0179568+002	2.5865991+002	
32	-1.5445888+003	4.4777324+003	-3.1012048+002	1.0552158+002	5.3653326+002	4.2274685+002	-2.0293815+002	
33	-1.0361766+002	4.1468483+001	1.3761246+002	-8.7648244+000	-1.5330131+001	-5.7675713+001	-5.0379139+001	
34	2.2898405+002	-3.0401386+002	1.1531171+002	-8.0043945+001	6.0401827+001	2.9018775+001	-5.2753880+001	
35	-3.8354587+001	-1.1541722+002	1.5120231+003	8.7050040+001	-6.1884100+001	1.1981921+002	-8.5806194+001	
36	6.2259354+002	-1.5721083+003	9.0852982+001	-1.2828368+001	-1.9712243+002	-1.5729500+002	7.5794142+001	
III	37	-1.0426508-001	2.8244413+001	-1.2433991-001	3.1396515-001	1.3014277+000	3.8353350-002	-6.3792320-002
	38	-8.9875592-003	3.8948545+002	1.0763575+001	-1.1844661+000	1.9215403+001	-4.1208975-002	-6.6623114-002
	39	8.1179734+001	2.7458422-001	-1.6914781-002	2.6785227+001	2.9653430+001	-1.4370120-002	-2.2499033+001
	40	1.0681582+001	-2.4127648+001	4.7295513+001	-2.0303056+001	1.8831378+001	-2.0710247-001	-1.4072744-001
	41	3.3165146+000	-2.7024773+000	1.0919128+000	-3.2801503+000	-1.1884209+001	-8.1148132-001	1.3343010+000
	42	-6.7741873+001	3.7345573+002	-7.2468848+001	8.9701065+000	-1.5887023+000	6.5843892-001	4.4397476+001
	43	-4.0501642+000	-5.7254151+001	6.6633851+002	-1.9253312+001	-2.0765059+000	3.9777612+001	9.2705875+001
	44	1.1861562+000	6.9245185+001	-3.5051591+000	2.0897023+000	-3.4296982+001	1.5229133+001	1.0714164+000
	45	-1.6095801+001	5.6553891+000	-2.4170696+000	7.0650813+000	3.3837654+001	2.5883932+000	-5.0731018+000
	46	5.9765858+000	-2.0136669+000	2.1953587+000	-2.5941696+001	1.1846185+000	-2.6179084+000	-9.9849322+001
	47	4.2211735+001	1.0457980+000	-2.0253426+001	1.0609589+001	2.6066740+000	-9.4237471-001	-8.3207241+001
	48	-8.7578451+001	1.8518264+001	5.5915601+000	-3.4211142+000	9.7385745+001	-4.4673793+001	-1.2894343+000
	49	1.6919664+001	-2.8962474+000	1.8454107+000	-5.3351513+000	-2.5127855+001	-1.8766687+000	4.0206473+000
	50	-1.3609738-001	2.2663319+000	-2.4123020+000	2.0518065+001	-6.2657674+001	2.5421341+000	5.0702901+001
IV	51	-1.1404175-001	2.1131299+001	6.3805689+003	3.7538426+002	1.0027710+001	-8.9428892-002	-2.6359015-001
	52	-2.1260791-002	4.3895344+002	-9.0483309+002	-8.5536236+002	8.4191055+002	2.9435480+001	-1.1323114+001
	53	2.6056180-001	3.69064761+002	1.9829439+002	1.3852085+001	3.4886876+002	3.6357305+002	1.8253353+001
	54	3.1846516+001	1.0466592+001	2.9584317+002	-9.3331180+002	1.1816148+001	-1.7717933+001	-8.3992392+002
55	2.3358116+001	-7.1728388+001	-9.1432938+004	-3.1817327+002	-3.8690005+001	-1.6804329+001	5.1367570+001	
56	-2.8031481+002	-3.6046338+001	1.8737737+001	3.5021988+001	-6.7587177+002	-5.6190870+001	3.5494733+002	
V	57	1.3243207+002	-1.0363497+001	5.2850142+002	-3.9863898+002	-2.4493081+002	3.1361472+002	-3.5758424+003
	58	-9.3454048+002	7.7997001+003	-3.9821042+003	-5.8334731+003	1.7341367+002	4.2425688+002	-1.0569179+002
VI	59	1.1773519+001	-1.4629435+001	-1.7325767+002	-3.3787971+002	2.0181242+002	1.2061368+002	4.7368905+003
	60	-1.6289614+002	4.0681615+002	-3.0352255+002	5.4878126+002	-4.6643992+002	-3.4635150+002	-1.4462661+002

I - Main latitudinal variation. Mixed latitudinal and longitudinal variation; II - First order in longitude;

III - Second order in longitude. VI - Fifth order in longitude.

Notation: For each entry the number given by the first eight digits and sign is multiplied by the power of ten defined by the last three digits and sign.

PREDICTED COEFFICIENTS U_{SK} DEFINING THE FUNCTION $\Omega(\lambda, \theta, T)$ FOR MONTHLY MEDIAN foEs (Mc/s)

DECEMBER 1958

TABLE 8c
TIME VARIATION

Harmonic	0		1		2	
	K	S	0	1	2	3
I	0	6.8154058+000	-4.3457352-001	1.1016874-001	6.4446924-002	-5.4068349-002
	1	1.1773912+000	-5.6565530-001	8.5674548-001	7.4852128-001	-4.0041467-001
	2	-5.0011257+001	6.4372533+000	1.5057690-002	-3.3286296+000	2.2868871+000
	3	-8.8067321+000	1.0019046+001	-6.6713885-000	-1.1305352+001	9.2657174+000
	4	3.3184439+002	-3.1958984+001	-5.3707143+000	2.9855632+001	-2.0143013+001
	5	-1.5646954+001	-3.9457085+001	2.1166027+001	3.9131724+001	-3.8877088+001
	6	-8.3502849+002	6.7092871+001	9.064452+000	-8.5351062+001	6.4314108+001
	7	5.7712657+001	5.3747790+001	-2.7727324+001	-5.0595261+001	5.5966149+001
	8	8.8921046+002	-5.9252456+001	2.0721721+000	9.6595853+001	-8.0621737+001
	9	-3.4827741+001	-2.3644987+001	1.2665153+001	-2.2156721+001	-2.6142511+001
10	-3.3798638+002	1.7894971+001	-6.0968745+000	-3.7813756+001	3.4428979+001	
II	11	2.5874054-001	-1.1959417-001	4.3284906+000	-5.6512337-002	5.7039879-002
	12	-3.3506956-001	-4.4448528+000	5.1149744-001	-4.3798317-002	4.3301332-002
	13	5.2431891-001	2.7733411+000	-7.9207553+000	-2.4230167+000	3.7013847-001
	14	-5.0003043+000	1.0538850+001	2.7276745+000	5.6729632-001	-4.1982543+001
	15	-8.8686004+000	1.3797100+001	-3.4558313+001	1.3111698-001	-2.7974200+000
	16	6.3386525+000	4.7446281+001	-5.9676080+000	6.8118511+000	-1.1830902-001
	17	-4.2415276+000	-3.7252223+001	1.2834318+002	4.3162860+001	3.9633573-001
	18	9.1728160+001	-1.5543999+002	-3.8655619+001	-1.4406908+001	3.2520409+001
	19	7.3688826+001	-1.0367830+002	1.0355764+002	4.3504981+000	3.4691425+001
	20	-6.7006613+001	2.5014793+002	6.4841477+001	-6.1992204+001	-5.1196844+000
	21	5.3192528+001	1.8584370+002	-6.6110155+002	-2.5479834+002	-2.9075537+001
	22	-5.5632785+002	7.5425885+002	1.5789892+002	1.1740289+002	-2.7977261+002
	23	-2.4067433+002	3.5495264+002	-5.0825336+001	-2.5617376+001	-1.2345895+002
	24	1.9986938+002	6.1129406+002	-2.0441262+002	1.8545273+002	3.7545273+001
25	-1.9332653+002	-3.8806992+002	1.4583636+003	6.3610039+002	1.0906368+002	
26	1.4295352+003	1.6336269+003	-2.3799265+002	-3.4747797+002	8.2487552+002	
27	3.1419015+002	-5.2604959+002	-1.4049453+002	4.8823728+001	1.6745802+002	
28	-2.4039090+002	-7.2084912+002	2.4356721+002	-2.2402062+002	-8.1843439+001	
29	2.5261425+002	3.4047809+002	-1.4344108+003	-7.0828378+002	-1.4975908+002	
30	-1.6199976+003	1.6619041+003	1.1559639+002	4.1883418+002	-9.8520563+002	
31	-1.3982916+002	2.7396351+002	1.2273746+002	-2.9979058+001	-7.7092772+001	
32	1.0298670+002	3.3312150+002	-9.5468558+001	9.4996240+001	5.4201528+001	
33	-1.0755861+002	-1.0174387+002	5.1298196+002	2.9129566+002	7.0375835+001	
34	6.6511532+002	-6.4942606+002	2.6583648+000	-1.7542491+002	4.0853027+002	
III	35	5.2218346-002	4.9394372-001	-1.9949205-001	1.3312884-001	8.7280829-001
	36	-9.4304923-002	1.1541259-001	6.2526953-002	-6.9290841-001	3.2815297-002
	37	1.7245765+000	6.7317633-001	8.6303155-001	5.8737936-001	9.0578784-001
	38	-7.8236223-001	-3.9244203-001	9.9016306-001	-6.1157052-001	7.2937817-001
	39	-7.7968841-001	-3.4814594+000	2.0291869+000	-5.2188159-001	-3.6460467+000
	40	-1.8355246+000	-3.0187935-001	8.0262153-002	9.4275056-001	-5.6672281-001
	41	-8.8548064+000	-3.0684427+000	-5.5003882+000	-2.0126545+000	-5.5237767+000
	42	8.7837986+000	2.1773156+000	-7.1097462+000	3.8171628+000	-9.5687532-001
	43	3.8405858-001	4.9211948+000	-2.8470900+000	-8.2155746-001	5.1302362+000
	44	8.1040916-001	-4.2132177-001	-5.1441654-001	-7.0082875-001	-1.0794575+000
	45	1.0268394+001	4.9567209+000	7.2764007+000	1.7667928+000	5.8526424+000
46	-9.9155276+000	-1.9494154+000	1.0535298-001	-4.2401362+000	2.8088391-001	
IV	47	-2.0967762-002	2.5866567-001	8.0491501-003	1.1771469-001	7.9091700-003
	48	1.8155142-001	7.8392402-002	1.1250794-002	-4.7665938-002	2.6069777-002
	49	7.3330150-001	-2.9857242-002	-1.4546071-001	7.3278862-002	1.6816627-001
	50	6.9089831-001	3.3025979-002	2.5498389-001	-2.8581653-001	1.7265862-002
	51	-1.0648699+000	-9.4995633-001	-8.3281244-002	-1.4578128-001	2.5593741-002
	52	-4.5262851-001	-6.8915729-001	-1.9251020-001	4.2797453-001	3.9888064-001
	53	1.2811505-001	-1.3708450-001	2.2910874-002	-6.7699709-002	-3.6088078-003
54	-6.9261934+002	-3.7774461-002	-1.8814251-002	-1.1012360-002	-8.2681879-002	

GEOGRAPHICAL VARIATION

I - Main latitudinal variation. Mixed latitudinal and longitudinal variation; II - First order in longitude; III - Second order in longitude. V - Fourth order in longitude.

Notation: For each entry the number given by the first eight digits and sign is multiplied by the power of ten defined by the last three digits and sign.

PREDICTED COEFFICIENTS U_{SK} DEFINING THE FUNCTION $\Omega(\lambda, \theta, T)$ FOR MONTHLY UPPER DECILE foEs (Mc/s) DECEMBER 1958

Table 9

RMS RESIDUALS OF DIFFERENCES BETWEEN OBSERVED DATA AND
CORRESPONDING VALUES CALCULATED FROM foEs MAPS

Month	1954			1958		
	Lower Decile	Median	Upper Decile	Lower Decile	Median	Upper Decile
Jan.	0.464	0.656	1.319	0.488	0.623	1.219
Feb.	0.476	0.654	1.229	0.458	0.594	1.324
Mar.	0.492	0.645	1.175	0.470	0.605	1.212
Apr.	0.459	0.604	1.232	0.465	0.586	1.198
May	0.463	0.644	1.321	0.435	0.585	1.219
Jun.	0.474	0.710	1.457	0.472	0.634	1.379
Jul.	0.462	0.711	1.466	0.477	0.591	1.341
Aug.	0.442	0.656	1.315	0.484	0.607	1.347
Sep.	0.499	0.658	1.277	0.514	0.601	1.189
Oct.	0.530	0.658	1.204	0.532	0.623	1.091
Nov.	0.475	0.639	1.219	0.503	0.584	1.143
Dec.	0.485	0.654	1.268	0.445	0.641	1.211
Average	0.477	0.657	1.290	0.478	0.606	1.239