UNIVERSITETET I BERGEN

JORDSKJELVSTASJONEN (Seismological Observatory)

Seismological Bulletin Kongsberg, Norway 1964—1965

By

ANDERS SØRNES and HARALD GAMMELSÆTER

BERGEN – NORWAY 1968

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Kongsberg (KON), Norway

Latitude: Longitude: Elevation: Foundation:

59⁰ 38' 57'' N 9⁰ 37' 55'' E 216 meters Gneiss

The station is part of the World-wide Standardized Seismograph Network. The station has a three-component (NS, EW, Z) short and longperiod system as follows:

Instruments	Period	sec.	Magnifica-	Damp.
	Tg	Ts	tion at Ts	ratio
Sp Benioff	0.75	1	50.000	17:1
LP Sprengnether	100	30	1.500	critical

The station is located in an abandoned silver mine, 340 meters down and 2200 meters into the side of the hill. It has been in normal operation since September 1962. The arrival time given for each phase is the earliest onset of that phase on any component.

The logarithm of the amplitude/period ratio, $\log \tilde{T}$, is given when it is possible. The amplitude A is read from the vertical shortperiod component and given in millimicrons as the maximum center to peak displacement within the first few cycles of the initial arrival of P or PKP. The predominant period T in the seismogram where A is observed, is given in seconds.

The readings have been punched on cards according to the codes given by the International Seismological Centre in Edinburgh. This bulletin is a reproduction of a print-out of the cards sent us from the Centre in Edinburgh. Capital letters are used only, and pP for example is indicated by *PP.

		'	ONGSE	BERG	KON	SE	ISMIC ST	TIC	N E	ULLETIN	-	196	4		* *	GE 1
YEAR 1964				KP	5/5		SUPP.			SUPP.			SUF	P.	3	LOG
MTH		HR	M	S	M	S	PHASE	M	S	PHASE	м	S			MS	
							* * * *									
JAN			D137		47	12	PCP	38	21	PP	40	48	L	(20	17	
JAN		17 21		45.5												
JAN			DI31				I	31	43	1	31	58				
JAN		12	110	51.8												
JAN		00		11.5			PCP	06	40							
JAN		06		24.3			FCF	00	47							
JAN		20		26.9												
JAN		23	156	13.4	64	53	PCP	56	44	PP	58	37	L	72	57	
JAN		08		32.0												
JAN		13 20		47.0												
JAN		13		37.2												
JAN		03		39.3			PCP	10	56							
JAN		13		46.7				12								
JAN		18		04.7	52		PCP			PP					22	2.0
JAN		05		13.0	11	33	PCP	02	30	PP	04	47	LI	(24	23	2.0
JAN		17		38.1	17	50	PCP	08	57	PP	11	20	LI	2 30	23	
-									-							
JAN	12	06		06.9	19	54	PCP					41				
JAN		12		08.1			I	53	40	PCP	54	36				
JAN		14		26.3												
JAN		04		29.9												
JAN	14	10	150	41.05												
JAN	14	10	139	32.6												
JAN	14	22	125	55.9												
JAN		12		46.4				33								
JAN			C105					06			= 1	35				
JAN	15	21	C148	23.7	58	31	PCP	40	30	PP	21					
JAN	16	16	111	35.8												
JAN		03		34.7			I	05	50	I	06	29				
JAN	17	03	133	07.9			I	33	30	I	33	48	P	P 34	48	
JAN		09		17.5												
JAN	17	14	155	44.0												
JAN	18	06	135	54.1												
JAN		12		48.8	26	55	PCP	16	58	PP	19	52				
JAN		19		39.4								199				
JAN		22		11.4				47		PCP						
JAN	19	09	122	04.5	28	41	I	22	32	PCP	24	20				
-	20	00	125	34 5												
JAN		00		34.5			I	31	07							
JAN		23		11.4			PKP2									
JAN		13	129	49.0												
JAN		11	141	21.2												
JAN		13		04.8			PCP	10	22							2.3
JAN		16 20		38.0			PCP	10	23							2.05
JAN		00		10.8												
JAN			C127													
JAN		13		26.0												
JAN			CI28				PCP					43				
JAN		09		08.4		30	PP	27	07	LQ	51	10				
JAN		14		13.2		39 48	PP	52	06	PPP	52	21				
SAR	50	11			,,,	40	PF	20	00	· · · ·	22					

KONGSBERG (KON) SE YEAR * * * * * * * * * * * * 1964 P/PKP MTH DY HR M S MS * * * * * * * * * * * * * FEB 02 09 17 FEB 05 11 142 01.0 FEB 06 13 CI18 00.4 26 44 FEB 06 13 CI24 19.9 FEB 07 13 CI10 23.9	SUPP. 1 SUPP. 2 PHASE M S PHASE M S	PAGE 2 * * * * * * * * SUPP• 3 LOG PHASE M S A/T * * * * * * * * I 42 37 2•1 2•2 1•8	KONGSBERG (KON) SEISMIC STATION BULLETIN - 1964 PAGE 3 YEAR * * * * * * * * * * * * * * * * * * *
FEB 08 11 DI28 39.8 FEB 08 20 I15 00.5 FEB 11 20 I04 25.9 FEB 12 11 I51 01.9 FEB 12 21 21	I 28 55 PS 01 16 SS 07 28	1.3 LQ 18 14	MAR 21 03 159 16.3 2.3 MAR 21 16 C146 52.5 2.3 MAR 23 13 D148 30.6 I 49 23 2.1 MAR 23 14 19 32 2.1 MAR 23 15 I38 07.1
FEB 13 14 IO1 22.6 FEB 14 16 CI48 28.4 FEB 16 00 DI24 53.6 FEB 20 02 I58 14.5 FEB 20 03 CI37 59.6	*PP 01 38 PP 03 01 PP 49 44 PS 59 26 PP 26 31 PCP 38 18	SS 66 05 1.4	MAR 24 13 29 10 MAR 27 04 41 16 I 41 24 PCP 41 39 MAR 27 20 CI40 43.9 I 43 37 2.5 MAR 28 03 I46 08.2 I 00 12
FEB 20 08 146 42.3 FEB 20 10 105 06.0 FEB 22 09 110 22.0 FEB 23 22 C146 02.9 50 07 FEB 24 23 135 25.5 50 07	I 46 48 *PP 05 16 PKP2 10 26 I 46 08 PP 46 45	1.8 I 53 13 1.4	MAR 28 07 IOI 12.83 IOI 25 MAR 28 07 DIO3 47.66 IO3 53 PCP 04 37 1.9 MAR 28 07 DI2O 33.8 PCP 21 10 PP 22 30 1.1 MAR 28 07 I40 52.33 PCP 41 32 PP 43 20 MAR 28 07 I54 08.33 I 54 15
FEB 25 23 D143 18.0 FEB 27 09 110 27.2 FEB 27 15 C121 44.4 30 42 FEB 28 17 158 23.5 5 FEB 29 15 132 09.4 42 10	PCP 22 09 *SS 31 21 PCP 58 42 I 68 28	1.4 LR 43 25 1.8	MAR 28 08 I50 17.3 I 50 25 MAR 28 09 D105 52.3 2.5 2.5 MAR 28 09 C111 29.6 I 11 36 2.5 MAR 28 09 C116 24.4 I 16 32 PCP 16 53 1.9 MAR 28 09 I24 03.8 3 1.9
MAR 02 03 157 19.3 MAR 02 13 C 36 47 MAR 02 19 151 52.6 MAR 03 15 132 01.9 MAR 04 13 159 22.7	I 32 06		MAR 28 09 155 17.7 MAR 28 10 CI02 52.5 PCP 03 43 MAR 28 10 128 18.3 MAR 28 10 143 19.2 MAR 28 10 D146 01.8 1 46 08 2.2
MAR 04 17 39 29 MAR 04 21 37 27 MAR 05 15 38 26 MAR 06 13 51 27 MAR 07 07 137 36.0	PP 40 32 I 38 57 I 39 01	I 39 04	MAR 28 11 115 06.7 MAR 28 11 C118 29.8 PCP 19 12 MAR 28 11 D135 27.4 MAR 28 11 142 29.9 MAR 28 12 100 17.3 I 00 24
MAR 07 07 147 09.6 MAR 07 08 148 14.3 MAR 09 10 135 40.4 MAR 10 13 107 29.3 MAR 10 13 114 54.7			MAR 28 12 113 16.8 MAR 28 12 CI21 01.0 I 21 07 MAR 28 12 CI31 19.0 PP 33 35 PPP 34 47 2.6 MAR 28 13 I00 16.0 I 00 25 MAR 28 13 I11 16.5 I 00 25
MAR 11 00 114 48.6 MAR 11 13 CI44 55.2 MAR 11 23 42 48 MAR 12 04 149 05.8 MAR 13 06 102 33.2	*PP 14 58		MAR 28 13 58 07 MAR 28 14 112 27.3 MAR 28 14 157 00.4 MAR 28 14 157 00.4 MAR 28 15 110 53.1 MAR 28 18 113 56.0
MAR 13 15 123 48.9 MAR 14 02 140 22.5 42 39 MAR 15 08 CI07 28.1 MAR 15 22 DI36 00.4 MAR 16 01 CI15 02.1	SS 42 55 LR 43 00 PP 08 58	1.8	MAR 28 20 C139 10.4 47 40 PCP 39 44 PP 41 29 PPP 42 47 2.4 MAR 28 21 08 40 1 39 10 1 39 10 MAR 28 22 39 03 1 39 10 156 47 2.0 MAR 28 23 156 23.9 1 56 47 2.0 MAR 29 01 D119 41.3 *PP 19 50 2.0
MAR 16 01 158 46.5 MAR 16 03 136 14.4 MAR 16 08 CI55 31.7 MAR 16 19 135 11.2 MAR 16 21 158 01.4	PP 17 09 I 58 56 I 59 07 PCP 55 48	2.4	MAR 29 01 C139 55.5 I 40 01 MAR 29 01 C158 49.9 I 58 56 MAR 29 02 I18 11.5 MAR 29 02 I26 44.9 I 26 52 MAR 29 03 I17 22.5 I 17 29

1964 MTH DY * * *	P/PKP HR M S * * * * * * *	S/SKS SUPP. 1 M S PHASE M S	JLLETIN - 1964 PAG * * * * * * * * * * * * * * * * * * *	LOG	1964 MTH DY	* * HR * *	* * * * P/PKP M S	* * * * S/SKS M S	S SUPP PHASE	* * * • 1 M	s .	* * * * * SUPP. 2 PHASE M	* *	* * * * * *	S A/
		I 22 20 I 02 24 I 48 23 I 15 25	PCP 22 37 PP 24 26 *PP 02 31 I 15 49 I 17 18		APR 01 APR 01 APR 01 APR 01 APR 01	03 04 04	133 42 142 53 159 56 143 06	8 7 4	1.1.1.1	1 33		PCP 34	21		
MAR 29 MAR 29 MAR 29	06 139 54.3 07 DI03 52.2 07 I15 27.5 08 CI03 18.4 09 I26 12.0	I 40 01 I 03 59 I 15 36 I 03 26 I 26 18	*PP 04 05 PCP 03 51	1.9	APR 01 APR 01	11 11 15	149 52 111 28 136 30 133 03 139 13	9 8 9		I 36 I 39		PCP 39	53		
MAR 29 MAR 29 MAR 29	10 DI18 07.4 10 I59 56.2 11 I54 07.0 15 I18 00.1 16 I19 15.3	I 18 26 I 54 15 I 18 10 I 20 22	I 18 17		APR 01 APR 02 APR 02	20 01 03	133 46 123 23 C124 06 122 04 C108 24	2 6 34 2 1	5 PC	P 24 P 24 P 08	10	PP 27 1 09		I 61 35	2.
MAR 29 MAR 29	16 151 03.0 17 103 26.4 19 152 15.8	PCP 51 43 I 52 22	PCS 55 37		APR 02 APR 02	11 13	CI51 23 I47 08	•3		P 52		PP 53		LR 69 41	2.
MAR 30	23 I50 52.1 02 I28 34.4	I 28 42	*PP 28 49 PCP 29 06		APR 02	18	135 23 144 34	.9		P 45		I 45			
MAR 30 MAR 30 MAR 30	02 DI52 28.0 02 E57 41 03 I32 45.6 07 CI19 36.3 08 I07 01.4	I 52 35 I 19 49	*PP 52 42	2.3	APR 03 APR 03 APR 03	04 08 08		•9 34 3 •5 56 5 •2	4	P 25 I 49 I 56	04	PP 29 PCP 49		LR 48 07 LR 66 01	
MAR 30 MAR 30 MAR 30	10 E07 28 11 E59 10 12 E15 43 12 I24 46.8 13 CI14 05.0	I 59 18 I 24 54 I 14 13	I 14 30 I 14 53		APR 04 APR 04	22 04 05	157 19 CI43 31 I44 58 CI04 00 I21 06	•1 51 2 •7 •7 12 0	PC	P 44 P 45 P 04	43	PP 45		LR 60 59 LR 22 04	
MAR 30 MAR 30 MAR 30	13 DI42 50.6 14 CI21 10.4 15 DI18 00.8 16 CI19 56.4 17 I03 36.9	I 42 56 I 21 16 I 18 07 I 20 17 I 03 53	PCP 21 40 PCP 18 44 PCP 20 34	2.1	APR 04 APR 04 APR 04	08 09 09	CI21 22 150 24	•1 59 0 •8	PC	P 51 P 22 P 57	04	PP 53 PP 23 PP 58	3 59	LQ 68 39 PPP 25 16	
MAR 30 MAR 30 MAR 31	19 101 36.7 20 142 51.9 23 C113 58.8 00 D101 49.5 00 C125 22.1	I 43 11 I 14 07 PCP 25 43			APR 04 APR 04 APR 05 APR 05	18 22 01 01		•6 18 4 •1 •9 41 2 •2	7 PC 5 PC	P 10 P 33 P 52	23	PP 12 PP 35 PP 54	5 08	LQ 48 50	2.
AR 31 AR 31 AR 31	02 DI54 05.3 04 DI30 17.8 04 E56 31 09 I12 12.4 09 I38 44.3	*PP 54 15 PCP 12 46			APR 05	02 03 07	121 06 146 12 158 23 123 54 139 06	•6 •1 •4							
MAR 31 MAR 31 MAR 31	11 CI13 47.6 11 I28 43.6 12 DI03 04.4 12 CI03 43.2 14 I24 37.4	I 13 53 PCP 04 12			APR 05 APR 05 APR 05	09 19 20	123 33 109 35 C138 19 101 06 142 24	•4 •2 46 2 •9	4 PC	P 39	05	PP 40	0 50	LR 56 05	2
MAR 31 MAR 31	21 114 13.9 21 122 45.9 23 146 56.3 00 D111 11.1	PCP 11 54			APR 06 APR 06 APR 06	08 10 16	I41 12 I31 50 I52 41 DI22 06 45 54	•5 •4 •9							

MTH DY * * * APR 06 APR 07		M S * * * * 4 20.1 05 02.1	S/ M	SKS	PHA	PP. SE * *	1 M * *	s * * +	SUP	P.	2	SUPP	P. 3		LOG			HR + + + 05 06 06	* · · · · · · · · · · · · · · · · · · ·	GSBERG * * * P/PKP M S * * * 00 00. 18 47. 28 49. 19 28.	* * * S/ M * * * 0 08 4 0	sks S	* * * SUP PHAS * * *	P • 1 5E M • * * • CP 0	* *	* * * SUP PHAS * * * P	* * P. 2 E M	* * \$ * * 23	* * * SUPP PHASE * * *	* * * * • 3 M S	* * *
APR 07	13 I3 14 II	1 54.6				•	05	19												48 38.											
	18 DI																APR 18 APR 18			38 57. 57 23.				1 3	9 01		I 39	48			
APR 07 APR 08 APR 08	19 CI3 00 I4 08 I2	8 59.8 6 45.8 0 23.1				РСР			P	P 4	1 22						APR 18 APR 19	20		18 53. 32 07. 31 29.	3 8		P	CP 1	9 30						
	11 10		18	23	P	PCP	09	43	PI	P 1	2 19	LQ	26 55	5						44 46.			1					25	000	00 52	~ .
APR 08	12 I2 14 DI1	8 00.0				I	21 18		PPI	P 1	9 08				2.0		APR 20	15	5 I	06 32 • 50 27 •	9		P		12		P 08	30	PPP	09 52	2.04
	19 IC 19 I4				P	I	09 44				1 06									28 22. 51 05.				IZ	28 34						
	20 10					CP					2 26						- APR 21								1 35		I 11	42	PCP	12 10	1.7
APR 09	13 I1 18 I2	8 36.1			P	CP	17	03												52 03. 21 35.					52 42 21 41						
APR 10 APR 10	01 DI1 19 I1	8 16.2	26	35		CP			PF	2	0 23			1	.9					19 25. 51 25.				1 5	52 10						
APR 10	21 DI5	4 14.3	62	19			54		PCF	5	4 53	LR	72 11				APR 2	3 04	. 1	02 19.	7										
APR 11	01 DI2 11 I4 12 I2	6 00.4				I	23	45	1	1 2:	3 50			2	4		APR 2	3 21	I	29 43. 19 25. 53 16.	3										
APR 11	16 CI0	5 29.8				I	05	43	PCF	> 00	5 08	LR	11 32	2	.1		APR 24	• 04	I	01 12.	0										
	23 12															-				14 43. 53 39.											
APR 12	01 I3 09 I4	5 12.7	43	21	P	CP CP	45 4	45	PF	, 3.	7 26	LQ	51 09	2	• 5		APR 2	+ 14	I	43 49 • 53 30 •	3				3 52						
APR 12	11 I3 14 4	5 35			PK	P2 :	30 :	53	I	32	2 23	PKS	34 14							32 27.											
	03 CI2																			50 14.			P	CP 5	50 24		I 51	19	LR	75 54	
	03 DI3 08 I2		36	21		PP :	33 9	58	PPP	34	80	1.0	37 18				APR 2	9 04	+ I	53 34. 26 02.	9 30				26 06		P 26			32 18	
PR 13	11 DI4 12 I3	3 26.2				I					12									05 00. 36 34.		9 11	P	CP 0	05 43	P	P 05	58	LK	11 10	
APR 13	14 II	5 20.9	1			CP			rer	50	, 12	LR	52 38				MAY O	3 07	7 1	43 25.	9										1.7
	19 I2 21 DI3																			15 03. 56 31.				I]	15 10						1.5
APR 14	01 II 06 I3	5 08.9				1 3	36 0	6	PCP	36	36			1	•9		MAY 1	2 17	7 I	05 48.	7	5 48		1 2	27 24	PC	P 27	41	LQ	43 18	1.
	15 II																			32 51.				1 1	33 10						1.0
	16 10																MAY 1	3 03	3 I	23 43.	5	1 51			+5 32		P 49	29	SKSP	59 31	1.7
APR 14	18 I20 23 I05	50.2	14	10		1 2 P 0					15 09	LR	24 34				MAY 1	5 06	5 DI	08 27.	2			PP C	09 57 47 48		P 48		GROT		1.8
	08 I33 12 I08					1 0	8 3	0	I	0.8	32									47 02.					+1 40		40				
	15 141		49	55	Pr	:P 4					40	1.0	0.55				MAY 1	7 01	1 I	27 42. 00 18.	.4				19 37						
APR 15	16 I46 20 I41	46.2			PC	P 4	7 1	8		+3	40	LKE	50 55							52 35.				IZ	52 43 25 34					10 10	
PR 15	20 I59 03 I30	23.4				I 4 I 5														33 40.		9 37		13	34 01	P	P 35	09	LQ	42 19	2.1
																				31 39. 13 19.		6 44		I	13 24						
PR 16	06 132 08 147	24.1				I 4	7 5	6									MAY 1	9 15	5 DI	48 01.	9	8 08		I 4	48 07 20 13		R 46	25			1.
PR 16	12 IO4 13 CI54	09.4	62 4	+1		15	4 2	1	PCP	54	34	LR 7	0 19	1.	.9					33 04	21	0.00			35 13						
APR 16	19 CI37	26.0	45 4	+6		P 3					47			2.																	

1964 MTH DY 1 * * * * MAY 20	P/PKP HR M S * * * * * * 05 I13 19.8	* * * * S/SKS M S	SMIC STATION B * * * * * * * SUPP• 1 PHASE M S * * * * * * I 13 26	* * * * * * * SUPP. 2 PHASE M S	* * * * * * * SUPP • 3 PHASE M S	LOG	1964 MTH DY * * * JUN 13	* * * * * * * * P/PKP HR M S * * * * * * 08 I39 50.5	* * * * S/SKS M S	ISMIC STATION B * * * * * * * * SUPP. 1 PHASE M S * * * * * * *	* * * * * * * * SUPP. 2 PHASE M S	* * * * * * * SUPP. 3 PHASE M S	LOG A/T
MAY 20 MAY 21	05 E42 31 06 E26 08 01 I21 22•6 11 I52 08•7		I 26 25				JUN 13 JUN 13	11 E34 08 17 E46 52 20 153 26.8 22 151 26.2		I 47 06			
MAY 21 2 MAY 22 0 MAY 23 0	13 E08 24 22 I44 24.1 00 E46 53 00 E26 47 11 DI34 13.9		PCP 34 17	PP 37 31		1.6	JUN 14 JUN 15 JUN 15	01 I39 47.3 12 I21 27.4 00 I17 59.9 11 DI04 32.9 16 E55 45		I 21 36 PCP 18 03	SS 27 50 SS 33 46		1.4 1.7 1.5
MAY 24 0 MAY 24 0 MAY 24 0	00 E10 25 00 E50 28 04 CI32 32.4 10 E26 27 10 DI43 24.9	53 15	I 32 39 PCP 43 59	PP 46 24		1.6 1.3	JUN 16 JUN 16 JUN 16	04 113 14.4 05 E45 13 07 104 39.7 07 126 32.8 12 D125 28.2	22 50	I 45 21			1.8 1.9 1.4
MAY 24 MAY 24 MAY 24	14 E45 09 16 E44 09 21 E05 19 22 E42 31 05 D119 26.7		I 19 31			1.2	JUN 18 JUN 18 JUN 19	22 I36 12.6 18 I12 53.7 20 E09 35 00 CI55 35.5 10 DI17 08.4		PCP 13 06 I 39 39			1.7 1.5 2.0
MAY 26 0 MAY 26 1 MAY 27 0	19 E57 16 05 I43 42.3 11 I17 46.9 01 DI15 18.2 02 E09 04	68 15 28 02	I 57 26 I 43 45 I 19 11 PP 16 38	SS 74 40 E 26 26	LQ 81 44	1.5	JUN 22 JUN 22 JUN 22 JUN 22	01 I43 59.1 13 CI59 25.3 18 I34 02.8 21 I36 21.4 01 CI37 50.3	47 03	I 59 30 I 36 34 PCP 38 07	PP 40 51	PPP 42 14	
MAY 29 0 MAY 29 0 MAY 29 1	11 DI32 44.0 03 DI44 54.0 05 DI19 17.4 10 I27 37.1 11 E00 45					1.3 1.3 1.3 1.5	JUN 26 JUN 27 JUN 27			S* 14 13 S* 39 38			1.6
MAY 29 1 MAY 29 1 MAY 30 0	18 C153 33.4 19 E00 48 19 E20 27 03 128 16.0 14 142 32.3	52 40	PCP 42 45	PP 44 25	PPP 47 13	1.6 1.3 2.3	JUN 28 JUN 28	15 15 128 29.0 18 CI33 39.5 19 119 28.8 00 105 24.9		SKP 14 02 I 33 51			1.4
MAY 31 0 JUN 01 1 JUN 03 0 JUN 04 0	22 CI45 03.1 00 CI51 53.5 18 DI42 32.2 02 I59 32.6 04 DI41 31.6 00 I17 52.1	61 11	I 51 55 I 18 05	PP 54 26 PP 18 45	PPP 56 13 PPP 19 59	1.6 1.4 1.5	08 MUL 30 MUL 30 MUL 30 MUL 30 MUL	14 E00 14	35 14 10 02	I 36 46 PP 04 30 PCP 59 11 PP 21 14	PPP 06 59 I 59 54	5 11 43	1.6
JUN 05 0 JUN 05 1 JUN 05 1	02 144 43.8 05 131 27.7 10 100 33.2 13 107 13.3 22 D117 13.3		I 44 55 I 00 38 I 17 17			1.4 1.6	JUL 01 JUL 01 JUL 02 JUL 02	21 22 CI58 16.0 01 DI29 07.1		E 42 35 PP 61 20 I 23 22	I 42 41		1.3
JUN 09 0 JUN 09 0 JUN 10 0	15 IO1 18.5 04 E13 37 09 I34 19.3 09 CI13 54.6 18 E05 33		I 14 02 E 05 42				JUL 04 JUL 05 JUL 05 JUL 05 JUL 05	11 DI15 50.6 03 I24 27.1 04 DI58 36.1 19 I20 15.6	30 28	PCP 20 24	I 20 32	SS 35 37	1.0
JUN 11 2 JUN 12 1 JUN 13 0	130 11.8 129 59.9 130 47.9 131 39.3 138 45.4	40 26	PP 34 17	S 41 31		1.5 1.7	00 JUL 06 JUL 06 JUL 06 JUL 06 JUL	23 DI47 15.0 02 I26 50.6 03 I31 26.2 07 DI34 34.9 10 CI21 50.3 10 DI51 02.6	36 57 44 43 28 39	PCP 47 26 I 26 56 PP 37 46 I 21 58 I 51 17	PPP 51 55 I 27 03 PPP 40 12 PCP 23 31 I 51 23	·	1.9

YEAF		• •'	ONGSI	BERG		SKS	ISMIC ST		ON 8	SULLETI		1964	* * * SUP			E 10 * *	
MTH		HR	М			S	PHASE	м	S	PHASE	M	S	PHAS	E	MS	A/T	
# I		* *	* * *	* * *	* *	* *	* * * *	*	* *	* * * *	* *	* *	* * *	*	* * *		
JUL			C157				I	57	56	SKP	60	33				1.3	
JUL		20		06.0													
JUL			CI09 CI45				PP	14	12	PPP	16	32				1.6	
		05	C145	2001													
JUL		05		48.1					02								
JUL			DI41 DI14		49	05	PP	44	48	SS	63	30				1.9	
JUL	09	16	158	48.6			PP	91	24	PKS	92	80					
JUL	11	09	D154	19.9												1.5	
JUL	11	17	D148	06.3	50	43	I	48	11							1.8	
JUL				42.0			PCP	36	31							1.6	
JUL			DI57 DI52														
JUL		20		35.8			PCP	27	14							2.0	
JUL	12	11	D109	22.0			PCP	10	12							1.0	
JUL		21		48.5			FCF	10	13							1.8	
JUL		04		04.1													
JUL			132 D134	43.7			I	34	50								
									-								
JUL			DI06 CI09				PCP	0.0	37							1.1	
JUL		23		13.9			rer	0,	51							1.5	
JUL		07		03.2			PCP	37	21							1.8	
JUL	15	12	140	03.5												1.3	
JUL				22.4	43	42			28	PP	40	04	PCP	43	27	2.0	
JUL		04		03.7					20							1.7	
JUL		19		40.1				10								1.3	
JUL	17	23	105	57.3			I	06	06								
JUL	18	03	145	41.9	50	04	I	45	50	*PP	46	07					
JUL			D146													1.1	
JUL			CI07 DI08				-		50 19	*PPKP	09	03	SKP	11	34	1.6	
JUL			D104									- /	0			1.9	
JUL	21	11	D155	07.2													
JUL			DI18				I	18	09							1.7	
JUL			C102			13			10	PCP	02	25	PP	04	38		
JUL		08 08	CI41	47.5	33	01	PCP	24	06								
JUL			DI18 DI28				I	28	22							1.2	
JUL			146					20	22								
JUL		10 12		27.0				13									
	-		120						43							1.3	
JUL	24	12	CI47	10.6			PCP	47	31	I I	47	59				1.8	
JUL	24	14	DI37	10.6 27.5 09.3												1.5	
JUL	24	17	CI13	58.5	23	06	PP	15	43	I	16	10					
JUL	24	18	0101	51.5												1.3	
JUL	24	19	DIOI	13.2			I									1.7	
JUL	24	19	DIOS	13.0			I	03	20							1.4	
JUL	24	22	D122	25.0			I	23	05							1.4	
JUL	25	19	E45	33	56	13	І РКР	49	54	PPP	51	25	S	57	43		

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196	DY	UD		PKP		SKS	SUPP.			SUPP			SUP			LC
		HR * *		\$ * * *		s	PHASE						PHAS		M S	A,
JUL			D145			0.0		-				* *		-		
	27	00		36.9												1.
	27	23		46.8												
	28	18		57			T	40	09							1
	28	21		31	60	15		00	09							
JUL	31	04	DII6	24.1			,	16	33	PCP	16	53				1
	31	06							20				SKKS	22	14	1
	31	06		24.5			PP	12	20	PRS	19	00	SKNS	22	14	
	31	23		42.6				51	51							
	02	08		44.9					18							1
	03	01		27.0	68	31			03	PP	61	58				-
AUG	03	07	E56	59	67	09										
	03		DIOS			45	T	08	30	T	08	50				1
	03		D109			00			49			04				1
	03	19		15.1		31			20			35				1
	03	19		52.9		07		1.	20	•	10	35				1
AUG	03	19	c111	06.6	11	22	I	11	12	T	11	25				1
AUG		02		X 8 4					25							
AUG		17		29.0	44	28	PCP			PP	38	.03	PPP	39	48	
AUG		23		41.5												
AUG	05	04	D136	45.7			I	36	57							
AUG			D125		33	08			28	PKP2				29		
AUG		22							11	E	43	38	PKS	46	07	1
AUG	06	02		10.2			E	45	16							1.
AUG		17	DI21	59.5												
AUG	06	18	135	14.6	43	46	I	35	17							
AUG		05		51.7			I	47	59							1.
AUG		14		03.3												1.
AUG		15		40.9			E	11	52	PP	14	38				1
AUG		20		20.4												1.
AUG	10	01	121	04.2	29	58	I	21	10	I	21	19				1.
AUG	10	17	110	09.2												
AUG		18		40												
AUG		20		10.6												1.
AUG		07		35.9			I	02	42	PCP	03	16				
AUG	12	19	133	52.8	40	09		33								1.
AUG	13	00	149	19.2			PP	50	47	PPP	53	56	PKKP	59	33	
AUG	14	21	E38	08	46	33										
AUG	16	21	135	26.7												
AUG	17	09	CI12	11.0	16	35										1.
AUG	17	12	102	30.4												1.
AUG		15		22.4	20	43	PP	18	38	LR	21	20				
AUG			C122					6								1.
AUG		04				-			49			07				
AUG			DI41		47			41				49		50		
AUG	19	15	128	09.0	34	30	PP	29	12	PCP	29		SS	37	33	
	19		148													
AUG		02		20	13	38	1	14	00							
AUG		04		01.9												
AUG			C116													
AUG	20	05	CI47	47.3			I	48	18	1	49	33				
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	25	13	154	28.8	59	58	PP	55	48	55	62	40				

1964 MTH DY * * * AUG 25	P/PKP	S/SKS M S * * * *	SUPP. 1 PHASE M S	* * * * * * * SUPP. 2 PHASE M S	SUPP 3	LOG A/T	KONGSBERG (KON) SEISMIC STATION BULLETIN YEAR * * * * * * * * * * * * * * * * * * *	* * * * * * * * * SUPP• 3 S PHASE M S
UG 27	12 IO6 45.5 13 13 CIO4 59.5		E 27 02 PP 05 44				OCT 02 01 DI09 01.8 E 09 21 OCT 02 13 I19 37.3 I 19 49 OCT 02 22 I33 34.0	
JG 27 JG 28 JG 28	13 E17 02 19 E37 39 04 E53 45 12 E11 17 13 I33 29.1	42 10	I 37 57 SKP 56 35				OCT 03 13 149 28.7 E 49 37 OCT 05 03 D146 24.9 I 46 28 OCT 06 14 D134 57.0 0 0 14 136 19.7 OCT 06 14 I36 19.7 0 6 20 C129 10.6	
JG 29 JG 31 P 01	13 I34 20.5 05 I23 24.1 23 I31 19.1 17 DI27 49.6 21 I00 58.5		I 23 30 I 28 04			1.7 1.9	OCT 09 20 CI06 01.4 I 06 09 OCT 10 08 DI49 48.1 OCT 10 19 DI48 43.7 OCT 10 20 DI16 36.2 I 16 41 OCT 11 21 I32 52.1 39 32 PP 33 05	
P 03 P 04 P 04	21 114 12.4 21 E27 06 03 C138 58.7 03 145 22.6		*PP 14 23 PCP 27 20 PCP 39 30 I 45 27	PP 46 15			OCT 14 03 E17 06 27 04 PP 20 04 PPP 2 OCT 14 12 DI53 20.4 53 33 I 53 23 I 5 OCT 15 20 CI38 08.1 47 23 PCP 38 29 OCT 15 23 DE10 10 I 10 16 OCT 15 23 CI19 49.8 49.8 49.8 49.8	
P 04 P 04 P 05	10 E02 28 10 E48 36 15 I09 06.7 02 I36 20.5 03 E12 33		I 02 40 E 52 51 PKP2 36 32 PP 14 10		SKKS 90 07 PKKP 22 56	1.5	OCT 16 06 I34 41.8 OCT 16 07 CI10 56.3 20 11 *PP 11 09 PCP 1 OCT 16 07 DI33 02.4 OCT 16 08 I29 44.6 *PP 29 56 OCT 16 08 DI34 16.6	23
05	06 I47 57.8 08 DI00 02.1 12 I38 04.4 21 I14 00.7 09		SKP 42 20				OCT 16 08 D144 48.2 OCT 16 09 C129 33.9 *PP 29 45 OCT 16 12 D148 44.5 OCT 17 09 156 07.5	
06 07	19 C109 31.0 19 I34 50.4 11 E36 47 22 E27 00		I 34 54 PKP2 27 49			1.4	OCT 18 09 117 41.5 26 59 OCT 18 21 133 34.6 OCT 19 13 OCT 21 23 DI19 46.7 28 13 I 19 49 *PP 1 OCT 23 02 DI06 14.7 14 27 I 06 22 I 00	
14 15 16	10 128 13.2 15 129 19.0 15 DI41 33.9 01 DI38 20.3 02 100 35.4	51 24	*PP 28 30 I 29 21 PCP 41 43	I 41 49	SKS 52 01		OCT 23 16 E 10 40 I 11 OCT 25 08 104 52.4 08 43 I 05 03 OCT 25 12 CI27 10.8 I 27 18 SKP 24 OCT 25 23 DIO4 07.9 I 04 16 PCP 09 OCT 27 19 CI49 09.0 51 18 PP 49 27 LR 52	55 57 54
17 17 18	22 CI32 50.8 07 DI19 17.1 15 I08 00.9 00 CI14 27.1 13 DI19 06.7	24 16	I 32 52 *PP 14 36 LQ 26 23	LR 27 28		1.5 1.4 1.8	OCT 27 20 I20 01.4 I 20 16 I 21 OCT 28 19 CI43 23.1 *PP 43 44 PP 43 OCT 30 17 DI23 41.5 1 15 30 NOV 01 03 I15 26.1 I 15 30	21
20 21	05 DI20 43.0 19 CI00 49.5 04 DI41 38.2 05 I10 38.8 12	01 30	P* 00 57 I 42 13 *PP 10 49 PG 36 03	PG 01 06 SS 24 48	S* 01 43 LQ 27 28	1.3	NOV 01 12 E39 51 NOV 03 02 D117 29.2 NOV 03 02 I33 30.4 NOV 03 17 I43 02.1 NOV 05 21 C101 20.1 12 NOV 07 18 D150 34.0	
25	14 15 153 27.4 17 DI35 35.6 23 I46 50.9 00 155 31.1	63 13	E 23 31 I 53 36 *PP 35 45 PKP2 47 07 SCS 65 19	E 23 47 *PPKP 48 28 SS 66 59		1.4	NOV 07 18 DI50 34.0 NOV 08 03 E03 52 PKP2 04 43 PP 01 NOV 08 10 I41 06.7 1 12 17 NOV 09 08 E12 04 1 12 17 NOV 10 06 C117 49.0 1 17 57	22 PPP 12 11

KONGSBERG (KON) SEISMIC STATION BULLETIN - 1964 PAGE 14 P/PKP S/SKS SUPP. 1 1964 SUPP. 2 SUPP. 3 LOG M S M S PHASE M S PHASE M S PHASE M S A/T MTH DY HR NOV 16 05 DI33 17.7 NOV 16 06 107 27.7 NOV 16 12 CI49 36.2 NOV 17 08 E34 26 41 33 I 35 17 PS 45 41 NOV 17 11 DI21 36.7 2.0 NOV 19 23 153 59.8 61 19 I 54 05 PP 55 07 NOV 20 23 144 24.7 53 50 SS 58 31 1.3 NOV 21 16 DI01 12.0 E 01 23 NOV 22 00 E11 44 *PP 11 55 NOV 24 12 E53 59 64 49 PP 56 24 PS 66 07 SS 70 52 NOV 24 14 S* 07 25 NOV 24 14 S* 09 56 NOV 24 14 S* 16 21 NOV 27 07 156 44.5 NOV 27 13 E59 15 I 59 24 NOV 27 14 DI00 06.5 NOV 27 14 CI15 28.2 I 15 30 NOV 30 04 CI14 47.7 I 14 53 E 17 54 1.5 NOV 30 12 DI39 56.9 50 06 PCP 40 01 PP 43 15 2.1 DEC 01 07 CI44 21.6 I 44 39 1.7 DEC 01 12 DI06 50.2 I 06 54 1.8 DEC 02 08 CI31 21.3 DEC 02 13 CI29 20.1 2.0 SG 26 55 DEC 03 12 I 27 17 I 27 30 DEC 04 07 DI47 59.9 I 48 06 DEC 05 05 E01 18 DEC 05 20 E00 07 DEC 06 00 102 14.4 *PP 02 26 1.2 DEC 06 00 DI06 34.5 12 60 0.6 DEC 10 12 E 58 03 DEC 10 15 CI22 25.9 31 43 I 22 41 PCP 22 49 PP 25 07 1.8 DEC 11 05 I 57 36 DEC 11 16 CI15 16.7 1.9 DEC 13 00 143 02.8 DEC 15 08 102 41.9 I 02 50 I 02 55 DEC 15 21 108 19.7 I 08 23 DEC 15 22 DI45 15.9 E 45 27 1.4 DEC 17 09 SG 57 02 S* 56 49 DEC 17 14 DI11 56.1 1.9 DEC 17 23 E55 49 DEC 18 15 CI29 11.1 DEC 19 07 DI01 12.9 I 01 25 1.4 DEC 21 17 CI46 24.5 1.3 DEC 22 01 DI04 45.7 DEC 22 04 DI44 46.9 51 23 I 44 55 PP 46 41 SS 54 50 1.4 DEC 22 08 DI12 04.5 1.5 DEC 22 12 CI16 30.7 1.4 DEC 22 21 E06 42 PCP 06 48 PKKP 25 13 16 42 SS 21 55 DEC 24 01 DI16 40.9 I 16 58 I 17 25 *PP 17 07 1.3 I 29 13 DEC 26 08 E29 07 DEC 26 14 CI41 00.9 49 36 *PP 41 25 PCP 41 34 I 41 53 DEC 27 00 100 34.4 DEC 27 10 DI25 56.0 1.2 DEC 28 17 I10 55.0 DEC 30 15 C139 09.3 I 11 02 PCP 14 11 1.8

 KONGSBERG
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1965 P/PKP	SISKS SUPP.	1 SUPP. 2 SUPP. 3 M S PHASE M S PHASE M S	LOG
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JAN 02 13 157 21.8	PP	43 58 I 44 09 PP 44 40 61 06	1.1
JAN 03 23 DI23 45.0	E	24 10	1.4
JAN 06 18 137 34.5 JAN 07 10 CI27 45.6		37 56 27 48	1.7
		56 42	
JAN 10 02 CI56 16.6 JAN 10 13 I55 42.2		57 57 SKP 59 02	
JAN 12 13 CI42 36.2 JAN 15 06 CI07 30.7		42 43 PCP 43 20 PP 44 59 07 44 PP 08 53	2.4
JAN 19 21 124 37.0	Ī		
JAN 20 01 CI53 04.1	I	53 17	
JAN 23 11 113 58.6			
JAN 23 16 145 12.0 JAN 23 22 DI02 55.9			1.4
JAN 23 22 DI02 55.9 JAN 23 22 DI11 19.5	I	11 22	1.4
JAN 23 23 D136 49.3			
JAN 24 00 125 21.0 JAN 29 00 123 45.1		25 36 PP 28 59 PPP 31 31 23 56	
JAN 29 02 134 12.1	I	34 16	1.0
JAN 29 09 CI45 55.9	1	46 12	
JAN 29 20 DI14 32.3			1.2
JAN 31 23 CI47 18.8 FEB 01 05 I45 29.4			
FEB 02 16 105 08.2 FEB 04 03 144 52.1	11 48 *PP	05 19 PP 06 52 44 58 I 46 07	
FED 04 03 144 92.1			
FEB 04 03 E51 26 FEB 04 05 105 02.2			
FEB 04 05 I12 24.0	I	12 29	1.4
FEB 04 06 E45 08 FEB 04 06 I47 56.7	*PP	45 19	
	*00	50 41	1.9
FEB 04 06 CI50 31.2 FEB 04 06 I52 53.3	*PP		1.4
FEB 04 06 E54 14 FEB 04 06 E58 54			
FEB 04 06 E59 59			
FEB 04 07 CI03 48.4	*PP		1.8
FEB 04 07 DI22 27.5		22 34	1.3
FEB 04 07 124 36.6 FEB 04 07 125 57.8	*PP	26 07	,
FEB 04 07 126 00.9	I	26 12	
FEB 04 07		21 05	1.6
FEB 04 07 CI34 11.8 FFB 04 07 I36 11.1	1		1.0
FEB 04 07 CI40 45.0			1.3
FEB 04 07 E43 06	1	45 15	
FEB 04 07 D151 35.0 FEB 04 07 152 18.2			
FEB 04 07 153 33.1		53 49	
FEB 04 07 154 35.9 FEB 04 07 157 16.0		54 37 *PP 54 43 57 21 *PP 57 26	
FEB 04 08 DI00 28.7 FEB 04 08 DI02 38.7			1.4
FEB 04 08 103 55.4 FEB 04 08 104 31.1		04 06	
FEB 04 08 107 32.0			

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04	08 DI15 06.1 08 CI17 13.8 08 I21 08.0		I 15 08 I 17 29	*PP 15 18	1.4	FEB 04 13 C140 55.4 FEB 04 13 C144 13.5 FEB 04 13 E56 22 FEB 04 14 113 29.3	I 44 2		1.
04 04 04	08 DI22 12.8 08 DI25 42.7 08 E28 32 08 E31 50 08 CI35 51.7		I 22 22 I 31 59 *PP 36 05			FEB 04 14 124 21.1 FEB 04 14 CI29 17.5 FEB 04 14 DI37 57.4 FEB 04 14 DI40 47.7	38 11 PCP 29 4		1.
04 04 04 04	08 144 39•4 08 148 13•5 08 150 27•7 08 151 42•1 09 E05 02		*PP 44 49 *PP 48 24 I 50 45	PCP 45 10 PCP 48 46 PCP 52 05	1.6 1.7 1.5 1.5	FEB 04 14 I41 28.6 FEB 04 14 E54 03 FEB 04 14 E59 52 FEB 04 15 I14 36.6 FEB 04 15 E20 33 FEB 04 15 I42 06.6	I 59 5 I 20 4	7 8 1	1.
04 04 04	09 I08 52.5 09 DI10 13.3 09 DI11 29.2 09 DI17 30.0 09 I22 59.9		*PP 10 21 *PP 11 40 PP 19 57 *PP 23 10	PCP 11 50		FEB 04 16 CI02 13.5 FEB 04 16 CI12 44.3 FEB 04 16 DI39 17.0 FEB 04 16 143 34.0 FEB 04 17 DI14 35.3	11 06 I 02 1 *PP 14 5	9 I 02 29 PCP 02 3 5	38
04 04 04	09 I31 04.3 09 DI35 56.3 09 DI39 12.9 09 DI41 12.3 09 E42 39		*PP 31 17 I 39 25	PCP 31 31	1.5 1.4	FEB 04 17 DI15 41.2 FEB 04 17 D 28 28 FEB 04 18 I01 43.2 FEB 04 18 I12 30.2 FEB 04 18 E24 50	I 15 5 I 28 3 *PP 01 4	4 5 9	
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04 04 04	11 C119 48.1 11 E29 45 11 E31 43 11 D134 09.2 11 I38 22.1		I 38 25	*PP 38 30	1.2	FEB0421D14652.9FEB0421D14952.0FEB0422E2502FEB0422D14104.6FEB0423D12445.1			
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04 04 04	12 155 13.7 13 CI01 58.9 13 DI04 07.1 13 DI05 26.5 13 E22 42		*PP 02 05		1.1 1.4 1.3	FEB 05 01 E32 28 FEB 05 02 E44 37 FEB 05 03 C109 29.4 FEB 05 03 C113 46.6 FEB 05 04 E12 38	*PP 09 40		1.4

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FEB		09	136	55.6														
FEB		11	156	57.5			*P[*P]	57	08									1.
FEB	07	12	CI32	12.2			*PI	32	2 20									1.
FEB	07	12	191	50.8														
FEB		14	151	11.6			*PF											1.07
FEB		16	DI14	11.6 56.1 08.7														1.
FEB		07	D134	08.7			*P	34	19									1.
FEB	08	15	C152	14.5				-										1.
FEB				19														
FEB		22	C152	43.5														1.
FEB																		1.
FEB		20	D140	06.6														1.
																		1.
FEB	09	23	122	23.2														
FEB	10	14					E	34	29									
FEB	10	14					1	57	58									
FEB	10	16	E16	20														
FEB	11	02	156	23.2 20 04.9			E	56	19									
FFB	11	04	C152	32.1														0.98
FEB	12	00	DI54	32.1 19.2 03.4			*PP	54	30									1.
FEB	12	01	106	03.4			*PP		50									1
FEB	12	01	DI14	20.4			*PP	14	32									1.0
FEB	12	01	146	50.6														
	14	10		20.0														
FER	14	21	140	29.0	42	55	E	40	41									
FFB	15	01	0136	12.0			E I I	20	38									
FEB	15	06	DI15	54.2				30	22									1.1
FEB	15	06	C153	15.3			*PP	53	26									1.5
FEB	15	12	CI42	15.8			1	42	26		PP	43	38	P	PP	44	05	1.6
ED.	10	01	0106	UZaZ			I	06	12									1.5
FFR	16	12	E30	62 6			I	30	59									
FFB	16	20	C154	56 42.6 35.9			1	35	58 17									
	10	20																
EB	16	21	120	45.2			*PP	20	59									1.6
EB		04					E	12	16									1.00
EB		10	124	11.3			E *PP PCP I	24	20									1.3
EB		10	E29	51			PCP	30	10									
FEB	11	13	234	53			I	34	55		I	34	57					
FFR	18			18								27	24	-	~~	27		
EB	18	07	DIST	56.2			1	51	20		1	51	34	P	CP	31	51	1 .
FEB	18	08	DI45	08.6			I	45	24								51	1.7
FEB	18	09	D145	55.9					05									1.2
EB	18	12	122	42.7														
	10																	
EB		19	C124	41.0			E	40	35									
EB		23	124	41.0			*pp	24	48		I	24	51					2.1
EB			E35	45			E	36	06									
	19	06							28									

YEAR 1965 P/PKP S/SKS MTH DY HR M S M S	SISMIC STATION BULLETIN - 1965 PAG SUPP. 1 SUPP. 2 SUPP. 3 PHASE M S PHASE M S ***********************************	LOG A/T	KONGSBERG (KON) SEISMIC STATION BULLETIN - 1965 YEAR 1965 P/PKP S/SKS SUPP.1 SUPP.2 SUPP.3 MTH DY HR M S M S PHASE M S PHASE M S PHASE M ************************************
FEB 19 18 I29 51.8 FEB 19 19 E03 47 FEB 19 23 DI51 29.5 FEB 20 20 DI55 05.3 FEB 20 22 CI17 48.4	E 04 00 *PP 17 59	1.3 1.2	MAR 03 11 E56 07 E 56 09 MAR 03 14 D107 37.8 0 07 07 08 08 MAR 03 14 C119 21.83 0 1 58 48 MAR 03 15 E32 57 E 33 17
FEB 20 22 E52 12 FEB 21 05 E57 34 FEB 22 09 125 49.1 FEB 22 12 E03 49 FEB 23 22 E26 11 36 39	*PP 25 59 PP 30 29 I 30 39		MAR 03 16 CI58 17.0 MAR 03 19 DI24 36.2 MAR 03 20 CI14 56.1 MAR 03 21 I31 57.1 I 32 28 MAR 04 00 E 52 37 E 52 55
FEB 24 14 CI32 24.2 FEB 24 21 DI04 49.7 FEB 24 21 DI34 20.1 FEB 25 05 CI33 11.1 FEB 26 01	*PP 33 21 PP 46 05 I 46 18 PPP 46 44	1.5 1.5 1.4 2.0	MAR 04 01 I53 50.5 MAR 04 01 E58 58 I 59 03 MAR 04 02 I00 47.7 MAR 04 02 DI12 31.2 MAR 04 06 CI41 13.7
FEB 26 13 E14 21 FEB 27 07 FEB 27 11 E36 59 MAR 01 13 E33 18 MAR 01 21 D144 27.4 54 42	I 58 46 PCP 96 27 E 33 30 I 44 31 PP 47 34 PPP 49 31	2.1	MAR 04 08 I43 58.2 MAR 04 23 E27 47 MAR 05 06 DI26 08.2 I 26 14 I 26 23 PP 28 41 MAR 05 06 CI37 12.3 *PP 37 23 MAR 05 13 CI53 40.5 *PP 53 52
MAR 01 22 D110 34.1 MAR 02 00 E12 11 MAR 02 03 E10 16 MAR 02 04 E59 53 MAR 02 05 E59 58	I 10 38 SKP 13 24 I 12 14 E 59 59 E 60 04	1+8	MAR 05 14 I 49 37 MAR 05 17 DI28 38.1 I 28 42 MAR 05 18 CI10 09.5 *PP 10 19 MAR 05 19 I 56 32 I 56 35 MAR 05 21 E19 54 I 20 00
MAR 02 06 E17 16 MAR 02 07 MAR 02 09 C139 21.0 MAR 02 10 E43 12 MAR 02 12 C146 20.5	I 17 24 E 44 57 I 45 01 I 39 26 I 43 18		MAR 05 22 II6 45.1 MAR 05 23 DI40 12.1 *PP 40 24 MAR 06 04 CI26 28.4 I 26 34 MAR 06 06 DI03 52.5 *PP 04 03 MAR 06 08 CI30 27.1 *PP 30 37
MAR 02 13 DI13 00.8 MAR 02 13 I17 17.9 MAR 02 14 E42 48 MAR 02 14 MAR 02 15 CI32 18.7	E 17 22 I 51 55		MAR 06 10 DI08 45.7 MAR 06 13 DI52 14.3 *PP 52 26 MAR 06 14 CI46 53.2 1 21 43 MAR 06 16 1 21 43 MAR 06 17 DI21 19.8 *PP 21 30
MAR 02 15 E43 02 MAR 02 16 I44 44.2 MAR 02 16 I54 00.8 MAR 02 20 I10 40.9 MAR 02 20 I43 59.2	I 43 05 I 44 49 I 54 05 I 10 44		MAR 06 18 E36 39 MAR 06 20 D136 18•8 46 36 PCP 36 24 MAR 07 02 C102 54•6 PKP2 03 02 PP 06 30 MAR 07 03 E02 21 MAR 07 07 E52 03
MAR 02 21 E26 01 MAR 02 21 I42 08.3 MAR 02 21 D148 12.7 MAR 02 22 E02 13 MAR 02 22 105 20.6 09 41	PP 51 33	1.1	MAR 07 11 CI15 38.9 I 15 47 I 15 55 MAR 09 10 CI49 46.6 I 56 37 MAR 09 18 CI02 50.7 06 59 MAR 09 18 I42 50.2 PP 43 33 MAR 09 19 E51 56
MAR 02 23 E50 12 MAR 02 23 I53 17.7 MAR 03 01 I22 03.8 MAR 03 02 I03 10.2 MAR 03 02 E55 50	I 50 19		MAR 09 21 I25 04.9 MAR 09 21 D156 09.9 MAR 09 22 CI40 11.8 I 40 16 MAR 10 01 E41 06 E 14 25
MAR 03 03 136 42.5 MAR 03 04 E42 46 MAR 03 06 E12 36 MAR 03 06 D122 26.4 MAR 03 10 153 33.9	I 36 45 PP 23 58	1.6	MAR 10 05 C I 51 59.3 I 52 16 MAR 10 14 E 09 34 MAR 10 15 E 19 56 I 20 27 I 20 35 MAR 10 16 C I 12 01.5 SKP 14 29 MAR 10 21 D I 55 15.8 5 35

		KONG	SBE	RG (KON)	SE	ISMIC	STA	TION	BUI	LETI	N -	1965	5		PA	AGE	8			KONG	SBERG	(KON) SE	ISMIC ST	ATIC	N B	ULLETIN -	1965		PAGE
EAR 965 TH DY * * * AR 10 AR 11 AR 11 AR 11 AR 13	* * 22 08 12 14	* 1 CI CI	3 2 3 1 8 3	S * * 9.2 7.3 2.7	* *	\$ * *	PHA	I	MS	* *	* *	М	* *	PH	UPP • ASE * *	MS	*	LOG A/T * * 1.1 1.7 1.3	YEAR 1965 MTH DY * * * MAR 30 MAR 30 MAR 30 MAR 30 MAR 30	HR * * 02 04 06 07	F * * DI3 E4 I3 E2	/PKP M S * * * 8 14.5 4 00 6 12.3 2 05	S/ M * * 47	SKS S	SUPP • PHASE * * * * PKPPKP *PP	1 M * *	S * 16 09	SUPP. 2	s * *	SUPP. 3	s * *
MAR 13 MAR 13 MAR 13 MAR 13 MAR 13	09	DIA DIA E	4 1 5 1 3 0	6.9 4.3 2				I *PP	14 2									1.9	MAR 30 MAR 30 MAR 30 MAR 30 MAR 31	16 16 19	11 CI2 I1	1 00.0 1 28.5 2 25.1				11 21					
MAR 13 MAR 14 MAR 16 MAR 16 MAR 16	10		01 0	1.4					44 1		1	44	38					1.1	MAR 31 MAR 31 MAR 31 MAR 31 MAR 31	10 12 12	DI5 DI0	7 19.4 6 05.5		23	*PP	57 06 30	27	I 57	36		
MAR 16 MAR 17 MAR 17 MAR 17 MAR 17	00	D DI 7 E 3 E	+3 3 27 0 22 0	0.2					·35 27 27 238 2	13								1.4	MAR 31 MAR 31 MAR 31 MAR 31 APR 01	19 20 22	15 CI1 I4	9 42.4 3 20.1 3 43.8				59 43					
MAR 18 MAR 19 MAR 19 MAR 21 MAR 21	01	7 CI 2 1 I	+6 1	9.6	33	03		*PP	49 32 22	9		50			PP 2	6 58		1.2	APR 01 APR 01 APR 02 APR 02 APR 02	16 15 16	15 CI0	4 38.5		53	I	47 55 03 34	17 02	I 47 I 56 PP 36	04	I 56 1 PCP 36 3	
MAR ²¹ MAR ²¹ MAR ²² MAR ²² MAR ²²	1 0 0	5 I 3 DI 3 I	17 3 04 0	5.6		18 31		I	04 27 39	28	PI	06	52	F	KS 0	7 38		1•3 1•4	APR 03 APR 03 APR 03 APR 03 APR 03	03 08 09	15	9 12.3		58	Ε	49 59 52 49	24				
MAR 22 MAR 22 MAR 23 MAR 23 MAR 23	2 1 1	3 E 2 DI 3 DI	14 5	9 3.0					56 30									1.7	APR 03 APR 03 APR 03 APR 04 APR 04	14 18 13	CI39 151 141	47.3 18.7 36.3				41 9		*PP 41	46		States -
MAR 24 MAR 24 MAR 24 MAR 24 MAR 24	0000	7 E 7 I 8 I	04 5	5.3				E	16 05 21	14	PK:	5 16	56					`	APR 04 APR 04 APR 04 APR 04 APR 05	16 16 20	DI12 DI29 CI22	27.9 49.3 48.2	22	11	I	12 3 29 5	59	PP 18	36	PPP 18 49	1
MAR 24 MAR 24 MAR 25 MAR 25 MAR 25	2 0	2 E 5 DI 7 I	55 3 32 1 36 1	32 10.4 11.8					39 04									1.7 1.0 1.5	APR 05 APR 05 APR 05 APR 06 APR 06	14 18 03	E53 E14 D129	16 56 58.8	12	42	I	03 4 53 3 39 0	8				1
MAR 25 MAR 26 MAR 26 MAR 26 MAR 26		0 I 5 DI 6 DI	39 1 45 4 23 4	13.0 +3.7 +2.1				I	41 39 45 34	14 47								1.3	APR 06 APR 06 APR 06 APR 06 APR 06	05 09 12 13	CI43 E56 DI30	41.3 16 05.5			I	43 4	5	I 43	59	PP 46 32	
MAR 28 MAR 28 MAR 29 MAR 29 MAR 30	3 1 9 1 9 1	6 DI 0 CI 4 E	51 4 59 4	45.0 03.7 39	58	21	*	PPKP	33 52 59	07			2 35			52 50 51 42	2	2.1 1.7 2.5	APR 06 APR 08 APR 08 APR 09	17 13 14	E46 DI54	26 48.1	63 5	52		54 5		PKP2 05	30	1 05 43	1

EAR			P/F										SUPP - 3	LOG
TH	vc	HD	M	S	M	S	PHASE	M	S	PHASE	M	S	PHASE M S	A/T
							* * * *	* *		* * * *		* *	* * * * * * *	* *
PR	10	14	CI19	38.7			I	19	40					1.5
PR	10	21	D129	28.8			I	29	31					1.4
PR	10	22	CI51	04.9			I	51	10	SKP	53	56	1 24 24	1.0
PR	11	17	D123	30.4			PKP2	23	42	*PPKP	23	52	1 24 24 CKD 12 24	1.7
PR	11	19	E10	12			I	10	32	*PPKP	12	10	I 24 24 SKP 12 24	
00	12	04	F10	08										
PR	12	09					I	11	11	PKP2	11	27		210.1
PR	12	20	CI45	54.7			PKP2	46	02	I	46	06		
PR	12	21					PKP2 I I	47	52	*PPKP	48	07		1.3
PR	13	23	DI33	44.0			1	33	50					
PR	14	07	DIAG	11.1			I	46	12	*PP	46	19		1.2
PR		12					i	09	15					
PR		04	D152	11.02										1.2
PR		05	DI21	38.0					~ .					1.9
PR	16	23	CI31	58.2	39	47	*PP	32	04	1	32	22		1.8
00	17	00	0111	22.2			*PP	11	34					1.7
PR		02	E57	18			I	57	26					Mark-
PR		14	127	41.8			I	27	50					1.5
PR		23	153	47.4	63	34	*PP I I E *PP	54	00	I	54	17		10
PR	20	06	E54	02			*PP	54	14					1.9
														1.8
PR		12	C100	49.1			*PP I	02	27					The second and a second and a
PR		01	F24	41			I SKP	27	49					
00	22													
PR	24	00	E24	24			PKP2	24	32	I	24	43		
APR	24	02					E	51	54	E	21	11		
APR	24	20	EU9	34.3			*PP	23	42					
PR	25	00	F45	08			I	45	29					
PR	25	01	D113	01.2			*PP	13	08	I	13	13	PP 16 25	1.6
														1.5
APR				29.2			*PP	50	41					
APR		10	C111	42.4			*PP	07	31	I	07	46		
APR		13	Eor	20			E	39	23					
APR		20	C139	51.9			*PP E I	39	59	PCP	40	21		2.5
	-	-												
APR	26	22	E12	20							22	00	DDD 33 14	
APR	26	22	C128	01.0	38	14	*PP	28	11	PP	51	15	PPP 33 14	
APR	26	22	E10	03			PKPZ	13	10	-				
APR	27	14	DI14	31.8	19	05	1	14	38	PP	15	22		
Art	- '				-									
APR	27			03.6			1							1.2
APR				19.9					27					1.3
APR	28	10	D146	57.7				40	21					
APR			E52				1	52	29	PP	53	13		
Arn	2.9	•,	- 30											
APR	29			2 59.1			SKP	05	48					1.4
APR				8 08.2						Des		07		
APR				28.6	48	14		1 39			44	01		
APR				12.0										
MAY	01	04	10	5 12.9										
MAY	01	02	DIO	8 02.8										
MAY				7 52.2			1.52	I 37	55					1.5
			1.10	30.9										1.3
MAY								I 14	3.0	1		1		

			KONGS	BERG	KON) SF	ISMIC ST	ATI	ON	BULLETT	N -	194	5		DAG	F 1
YEA													2		PAG	E I
196	5		P/	PKP	S/	SKS	SUPP.	1		SUPP	. 2		SUP	P.	3	LO
MTH	DY	HR		1 5	M	S	PHASE	м	S	PHASE	M	S	PHAS	F	MS	A/
*	* *	* *	* *	* * *	* *	* *	* * * *	*	* *	* * *	* *	* *	* * *	*	* * *	#
MAY	04		E43			38	T	43	07	I	43	11	cc			
	04						i	26	00		43		55	20	: 51	
	05	22	111	2 56.3			*00	20	00							
		23	C122	51 5		-	*pp I	12	06							1.
	06			51.5	32	23		32	29							
MAY	06	08					I	49	07							
MAY	06	10	E03	3 32	04	06	SG	04	13							
MAY	07	16	DI52	2 23.6						PKP2	52	42	I	52	2 55	
MAY	07	17					E	12	07	PKP2	12	19				
MAY	07	21	E32	2 04			E					-				
MAY			E18				-	22	23							
MAY	0.0	07	E19													
							I	19	43	I	19	46				
MAY				51.6												1.
MAY				06.0												1.
MAY							I	47	24							
MAY	11	17	I47	28.2			I	47	49	PCP	48	17				
												-				
MAY	11	22			42	58	SS	43	34	F	44	59	5	4.5	28	
MAY							I	24	42	E		5.	C	40	20	
MAY				46 1			1	34	42							
				46.6												
MAY				41.0				1								1.
MAY	14	11	138	31.1			I	38	34							
MAY	14	13	126	44.5			I	26	46							
MAY	14	17	101	27.3												
MAY				16.9												
MAY				40												
		17	C41	40		40								-		
MAY	11	17	0131	41.1	41	48	PCP	31	48	PP	34	43	PPP	36	45	
			-													
MAY				03.3												
MAY		01	CI16	41.8												1.
MAY	19	04	140	53.2												-
MAY	19			15.9												1
MAY				36.1												
	- ,															
MAY	20	00	FEO	27				12	0.0	DUC		07	000			
							PP	62	02	PKS	63	07	PPP	64	53	
MAY				43												
MAY				59.9			I									
MAY	23	23	D157	10.9	66	09	I	57	16	PCP	57	29				
MAY	24	13					I	49	39							
								*								
MAY	24	23	E34	12	44	57	PP	37	40	PPP	30	48	c	45	19	
MAY				52.4				19	54							1
MAY		07			21		i f	02	53	PKP2			I	19	30	1.
										PKP2	03	03				
MAY		08					PKP2									
MAY	26	14	0104	36.4			E	04	50							1.
MAY		19	D126	49.4			*PP	27	03							1.2
MAY	26	20	D102	45.2												1.2
MAY				59.0												
MAY							T	19	57	PKP2	20	06				
MAY			CI38	37.2			1	1,	51	FRF2	20	00				1 .
-int i	20	23	1.20	51.02												1.5
																3
MAY			D124													1.4
MAY	27	19		13.6			*PP	40	23							1.5
MAY	27	22	140	46.5												1.3
MAY		03		00	58	37	I	58	06	I	58	17	I	58		
	28	07		22.1								-				1.4
MAT	20	-1														
MAT	20	11	E10	10				10	22							
		11	E10	10				10								
MAY							1	01	10							
MAY	28	13														
MAY MAY MAY	28 28	18	D125				E	25	18							
MAY	28 28 29	18	120				E		18							

EA	2	,	ONGSE	ERG			ISMIC ST								PAG	
96 TH	5	HR	P/P M	S	S/S M	S	SUPP. PHASE * * * *	M	S	SUPP. PHASE	M	S	PHASE	M	S	LOG A/T * *
AY	31	02	113 DI49	48.5			I	13	54							1.7
UN	01	04 08	DI43 DI02	55.6			PCP	44 02	17	PP	04	24				1.5
JUN	01	11						06								
	02 02		CI31	30.1			I	51	08	PP						
	02	12	C109				I	48	01	I	48	25				1.3
JUN	02		CI49					50								1.5
	02		104 116				I SKP	19	25		06	48				
	02		CI50 CI54			42	I	54	42							1.9
JUN	03	11	D108	14.9			*PP	08	26							1.4
	03 03	15					I		05 19							
JUN	03	20	CI36 DI41	38.5												1.1
JUN	04		E57													
	04		DI13 DI46				*PP I		34							1.2
JUN	06	21	DI48 CI36	19.4			I	36	46							1.2
	08		D135					50								1.3
	09		E34 C137	13			I *PP		19							1.4
JUN	09	16	C114				1	01	34	1	01	49				1.9
	09								08							
	1 10		DI57	05.6			I	57	11	*PP	57	26	PCP	58	44	1.3
JUL	1 10	15	E29 C139	35												1.4
	1 11	02	CI48	33.5			*PP									2.0
	1 11		I44			06	I	45	00	*PP	45	14	PCP	45	18	1.7
JUL	11	04		13												1.3
	11		E56				1	56	5 10	I	56	17				
	11	06	108 C122	27.9	2		*PF *PF									1.7
JUI	N 11	1 07	DI39		,		*PF				52	34				
	N 1			57												
	N 1		131													1.3
JUI	N 1:	1 10	DI50	27.2	2		1	52	2 40)						1.4
	N 1			18.0)		*P		1 31							
	N 1		E32					0 40	0 11							1.5
	N 1	2 0	5 DI39 5 DI52	15.1	В				2 18		52	2 33				1.8
	N 1.		5 DI14													1.5

YEA	R		KONGS	BERG	KON) SE	ISMIC ST	AT	ION	BULLETI	N -	- 19	65		F	AGE 13
196	-		P/	PKP		SKS	SUPP.	1		SUPP	. 2	2	SUP	PP.	3	LOG
MTH		HR	N	S	M	S	PHASE	M	S	PHASE	: N	1 5	DUA	33	M	C A/T
JUN		* *	* *	01.4	* *	* *	* * * *		* *	* * *	* *	*	* * * *	+ +	* *	* * * *
JUN		19		01.4		27		0.0	7 04							
JUN		02	0	00 5			1	32	2 15	*PP	32	26				1.6
JUN		07	117	08.5			*PP 1	17	45							1.0
JUN	13	20	DI07	14.1	11	38	I	07	7 18	PP	08	09	55	5 12	2 49	2.1
JUN	14	09		26												
JUN		13	126	46.1				26	50							
JUN			C157	45.1			*PP	57	1 59							1.4
JUN				25.7			PCP	57	49							1.9
JUN	15	08	109	45.6												
JUN	15	13	111	30.7			I	11	43							
JUN	15	14	130	16.0			I *PP	30	25							
JUN		19	CI13	15.6												1.3
JUN		06		47.9			I	27	22	I	27	31	I	27	38	
0014	- '	05	105	41.09												1.7
JUN	17	03	D152	26.6			PP	53	58							1.3
JUN			DIII	33.4			PKP2	11	44							1.4
JUN		14	0116	04.3			I	20	25							
JUN				37.6			I	24	42							. 1.4
							•		42							
JUN				21.9												1.1
JUN				20.7			*PP	28	33							1.3
JUN				14.3			I	40	15	*pp	4.0	21	PCP	4.0	27	1.2
JUN				50.8			•	47	15	APP	49	21	PCP	49	31	1.8
JUN				39.5												1.5
JUN			E38	24.4	35	51	I	29	49	1	31	08	55	39	20	2.0
JUN				02.0												
JUN	23	00	DI01	27.5	12	45	I	01	31	PP	05	20				1.5
JUN	22		0110	02 5												
JUN				03.5	28	17	*PP	19	57							1.3
JUN				51.1	20	11	*PP									1.6
JUN				10.4												
JUN	24	07	158	40.7			I	58	53							1.3
JUN	24	14	D127	53.3			*PPKP	28	20							1.8
JUN				52.4			FFRF	20	20							1.6
JUN		11					I	48	35							
JUN		15	DIOG	26.2			I *PP	06	29							1.3
JUN	50	08	C144	29.0			*PP	44	41	PCP	44	59				2.1
JUN	30	12	CI47	15.7												1.6
JUN				50.9												1.4
JUL				27.7 38.8			*PP	52	43							1.4
JUL				31.8	18	25		12	49	PPP	14	43		37	55	1.7
												45	. NIFRP		,,,	
JUL				30.1	31	52	*PP	27	41	PP	28	25				
JUL			E37 CI37					37		*00	27	20		20	00	2.0
JUL				43.7	27	46		37 24		*PP SS			PP E			2.0
JUL			CI19					19		PCP			c	51	22	1.9
JUL			D109				I	09	48							1.6
JUL			E29 C139				*PP	39	36							1.5
JUL	06		I43	39.8				44								
JUL	06	18	E54	38	60	44	1	55	44	PP	56	05	PKKP	64	55	

EAR 965 P/PKP S	/SKS SUPP. 1	SUPP. 2		LOG	VEAD	KONGSBERG	(KON) SEI	SMIC STATION E	BULLETIN - 1965	, p	AGE
TH DY HR M S	M S PHASE M S * * * * * * * * * * I 52 51 I 48 53 I 50 46 *PP 46 41	* * * * * * * *			* * * AUG 01 AUG 01 AUG 02	P/PKP HR M S * * * * * * * 16 DI51 02.6 20 I19 19.9 00 E04 19	S/SKS M S * * * *	SUPP. 1	SUPP. 2	SUPP . 3	L
L 08 00 116 57.3	I 17 03					13 E39 55 16 E55 35		PKP2 40 50	I 41 01	PP 44 45	
08 11 10 08 C115 25.2 12 09 C157 12.6 12 12 137 16.7 14 10	I 10 25 I 12 17			1•1 1•5	AUG 04 AUG 04	07 DI45 09.8 01 I18 04.8 11 00 DI26 34.7 12		*PP 18 31 I 35 19 PP 28 10 I 10 41	I 35 29 PKKP 37 43		
L 14 10 L 14 11 E44 30 L 14 12 DI27 35.9 L 14 14	I 31 43			1.2	AUG 06	12 E38 19 02 DI09 13.3		I 38 23	I 38 27		
. 14 17 108 43.4	I 09 03			1.7	AUG 08	22 144 22.1 05 CI30 19.9 13 CI00 24.1		I 44 40 *PP 00 37	1 44 46		1
14 18 DI06 53.9 15 06 15 14 E25 48	S* 20 07		SG 20 28		AUG 08			E 02 16	I 02 24		
15 18 DI45 52.1 17 13 118 51.1	I 46 03 I 18 57				AUG 10 AUG 11		07 50	I 28 29 PKP 00 14	PP 02 35	PKS 03 44	1
17 18 E32 18 18 10 E10 54 18 13 I51 25•7 18 22 D126 17•2 19 00 E15 07	*PPKP 51 37			1.5	AUG 11 AUG 11 AUG 11 AUG 11	15 18 CI39 43.5 20 Ell 39 20 E33 15		I 14 58 E 39 54 PKP 11 50 PKP 33 21	PP 14 13 PKS 36 41	PKS 15 14 I 36 46	
19 04 E25 14 19 07 E45 48 19 09 E19 51						21 22 E50 55 01 E44 31		PKS 17 57 PKP 51 03 E 44 45	PP 53 40	PKS 54 47	
19 09 E22 19 20 00 CI12 37.4	E 22 27 E 14 32			1.2	AUG 12 AUG 12	03 141 54.7 05 E10 05 08 120 48.1		E 42 08 PKP 20 59			
20 01 E05 04 20 07 DI51 26.0 20 11 I30 52.7 20 13 DI31 49.3 20 14 I12 24.1	I 52 08	PP 53 13		1.6	AUG 12 AUG 12 AUG 12	13 115 02.9 13		PP 27 18 I 58 13 I 03 27 PKP 24 22	PP 23 28	PKS 24 27	
L 21 03 E11 04 L 21 18 CI03 18.9	*PP 03 29	PCP 03 48		1.9	AUG 13	02 E26 04			PKS 27 37		
22 01 CI29 56.4 23 17 111 35.7 23 20 CI31 07.1	31 44 P* 31 14	PG 31 19	S* 31 52	1.4	AUG 13	11 11 E41 30 12 E59 21		PKS 03 36 I 14 39 PKP 44 12 E 59 47	PKS 47 40 PP 61 56	PKS 63 12	
L 23 21 E38 31 L 24 18 DI05 37.3 L 25 03 E53 20 L 25 13 DI44 35.9	*PP 44 45	5		1.7				1 52 23			1
L 25 21 CI57 47•4		9		2.0	AUG 14	13 E37 24 17 122 44.3		PKS 30 33			1.
26 16 CI29 24.8 27 11 CI31 31.7 28 22 E42 08 29 08 CI40 31.5	*PP 31 43			1.9	AUG 15 AUG 16	12 129 22.7		E 03 17			1.
L 29 14	I 08 49	5		1.8		12 E32 06 12 C146 56.8	55 36	*PP 47 05			2.
L 31 14 DI45 11.6 L 31 17 DI17 53.8 L 31 21 DI54 51.6	I 55 01	8		1.4 1.4	AUG 17 (15 CI27 06.9 08 I56 39.8		P* 27 12	PG 27 17.	1 27 28	1.
	1 13 24			1.6	AUG 17 1	10 E31 29 10 CI47 30.9 13 E05 05	57 51	E 31 42 *PP 47 38			1

YEAR 1965 MTH DY * * * AUG 17 AUG 17 AUG 17	HR * * 13 14	# # 127 E14	PKP 5 * * 14 31	* *	5/5	KS	S	UPP ASE *	• 1 • * • * = 2	5 44	* * 6 4	SUP	P.	2 M	s	SU	PP. SE * *	3 M	s	E 16 LOG A/T * * 1.1 1.2		KONGSBERG (KON) SEISMIC STATION BULLETIN - YEAR 1965 P/PKP S/SKS SUPP. 1 SUPP. 2 MTH DY HR M S M S PHASE M S PLASE M S	s * *	P
AUG 18 AUG 18		E06	50						I 29 P 10			P	P 1	3 1	7	PK	S 1	4 3	30			SEP 17 15 I 30 22.1 40 02 PCP 30 34 SKS 40 SEP 17 16 CI 33 04.6 42 52 PCP 33 17 PP 35		1
AUG 19 AUG 19 AUG 19 AUG 20 AUG 20	18 18 06	EOS	40		18	48		PC	I 51 P 20 I 13	6 4	2	Ρ	P 1	3 1	9	PP	P 1	.5 1	19			SEP 18 20 156 42.8 65 02 SEP 21 01 C150 08.9 59 51 PCP 50 19 PP 53 SEP 21 03 D134 20.0 40 36 *PP 34 28 I 34 SEP 22 22 C119 46.4 29 32 PCP 20 03 PP 22 SEP 25 02 120 52.1 I 21 05	41	
AUG 20 AUG 20 AUG 21 AUG 22 AUG 22	21 01 04	CI41 E28 E08	14 03 29	•1	07	49			E 0 I 4 E 2 I 5	1 3 8 1	02			9 2						1.9 1.7 1.8		SEP 25 12 148 13.5 SEP 25 14 148 47.3 SEP 25 15 155 58.8 *PP 56 09 PCP 57 SEP 25 20 DE15 27 20 02 PPP 16 30 LQ 22 SEP 26 00 C148 46.7 PCP 48 50 I 49	09	
AUG 23 AUG 23 AUG 23 AUG 23 AUG 24	19 21 23	C158 C149 E20	3 30 9 45 5 15	•6				PC	I 1 P 5 I 4 I 2	8 3 9 5	3	P	P 6	51 4	•6		s e	59	19	1.7 1.7		SEP 26 08 C149 10.6 SEP 26 10 DE08 35 SEP 27 01 D119 36.4 SEP 27 05 I20 11.3 29 53 I 20 19 *PP 20 SEP 27 20 I50 50.9	26	
AUG 24 AUG 24 AUG 24 AUG 24 AUG 24 AUG 24	01 07 12	E10 125	5 32	•3	24	01		PK	P 1 P 2 E 5 I 2	5 4 8 5	8	SK	P 2	29 (00					2•1 1•6		SEP 28 05 DE26 14 33 04 PKP2 26 23 SEP 29 14 C100 21.9 9 57.88 125 57.88 SEP 30 23 DE57 43 66 06 I 61 48 OCT 01 09 DI03 16.9 12 33 #PP 03 29 PCP 03	36	
AUG 25 AUG 27 AUG 27 AUG 28 AUG 29	04 18 18	12 13 C15	9 43 3 17 0 31	•1					I 0 I 2 I 3 P 1	9 5	54 25		1 3	29 !	58					1.4 1.4		OCT 01 13 DE40 46 47 33 I 40 55 PKS 43 3 OCT 03 10 DI57 16.4 64 65 19 PCP 56 49 PPS 66 66 OCT 03 16 DE33 50 I 34 03 OCT 04 00 CI13 27.1 I 34 03		P
AUG 31 SEP 01 SEP 01 SEP 02 SEP 04	04 05 04	13 10 C13	9 10 7 18 7 36).1 3.2 5.5				*P	I 3 I 3 P 3 I 5	19 1	+7			36 4						2.0		OCT 04 04 C124 04.9 I 24 12 OCT 05 00 I26 23.8 I OCT 05 09 DE56 51 I 57 09 OCT 06 15 DI42 57.7 OCT 06 22 I49 26.7		
SEP 04 SEP 04 SEP 04 SEP 06 SEP 06	12 14 07	DE4 CI4 E0	5 02 3 06 3 53	2.	51			PC	I 3 P 4 I 0	3 4	44	F	PP .	31 : 45 : 04 :	40		PP I			1.6 2.4 1.5	1	OCT 07 03 CI48 42.8 59 09 I 48 51 PP 51 9 OCT 07 07 CI17 02.2 02 02 02 02 03 14 0117 11.3 02 02 02 02 02 03 12 25 02 <td>56</td> <td></td>	56	
SEP 07 SEP 08 SEP 08 SEP 08 SEP 08		I I 3 I 2 DE0	6 42 7 01 5 1	2.3 8.3 6	35	51		*		27 1	18		I	37 27 26	25		LQ	40	32			OCT 08 16 143 33.6 OCT 08 22 DI19 21.5 I 19 30 I 19 4 OCT 10 00 DI46 59.4 OCT 10 17 DI44 31.9 OCT 12 06 CI38 19.1	46	
SEP 11 SEP 12 SEP 13 SEP 13 SEP 13	2 22 3 00	DI1 DE1 DE1	4 5 0 3 8 1	0.1 1 9.4	25			*!	PP :	14 !	58		55	20 30 18	13					2.2		OCT 12 08 D126 27.9 OCT 12 13 151 29.0 60 07. I 51 42 PCP 52 0 OCT 13 03 CI57 09.5	01	
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SUPP. 3 LOG PHASE M S A/T * * * * * * * * PS 38 14 1.8

PPP 37 47 2.2

PPS 61 05 PS 29 53

PP 06 02

SS 70 04

PPS 69 23 1.9 1.5

PPP 46 34

	KC	NGSB	ERG	KON) SE	ISMIC	STA	TIO	N BL	LLET	IN -	19	65			PAG	E 18	YEAR		K	ONG	SBERG	(KON) SE	ISMIC S	TAT	ION	BULL	ETIN	- 19	65		PAG	GE
EAR 965 TH DY		P/P	KP	s/	SKS	SU	JPP.	1	•	SUP	P. 2			SUP	P. 3	s	LOC A/1	1965 MTH (* *	YC	HR * *	1	/PKP M S * * *	M	SKS S * *	SUPP PHASE * * *	M	S	PH	ASE	MS	D	SUPP. HASE	M C	
CT 21 CT 23	16 06 (105	06.9				I										1.4	DEC DEC 1	09	06 22	120 E59	0 18.3 9 36 0 35.4	31	06		I 6 I 5	0 42		PP 8					
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0V 02 0V 02 0V 03 0V 08	01	DI51	17.7	6	0 54		SG I I	51		SK	(5 6	1 1	7		61	34	2.	DEC 1	5	04 0	CI54	45.9 41.0 56.6		18			5 04 8 17		PP 2	1 03				
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OV 11 OV 12 OV 12	23 18	109 CI04	35.9	3 1	4 48		I	09	56									DEC 2	0	00 0	113	29.2 04.1 43.2	17	04	PI	P 1:	3 42		PPP 1	4 01				
OV 13 OV 13	04	142	27.3	3 4	9 19		PP	44	11	P	PP 4	4 5	1	sc	5 52	36	2.					37.5				1 5	3 40							
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