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P O L S K A A K A D E M I A N A U K
Z A K Ł A D G E O F I Z Y K I

Warszawa Nowy Świat 72

January

B I U L E T Y N S E J S M O L O G I C Z N Y

/ wstępny /

1960

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Obserwatoria Zakładu Geofizyki Polskiej Akademii Nauk

WARSZAWA /War. φ = 52°14'30"N, λ = 21°01'25"E, h = 110 m/

Golicyn-Wilip	N	E	Z
T_1	11,51 sek	10,42 sek	10,10 sek
T_2	11,54 sek	11,42 sek	11,30 sek
μ^2	-0,10	+0,06	+0,03
k	54,0	48,0	94,0
l_o	11,527 cm	11,357 cm	14,900 cm
A	100,0 cm	100,0 cm	102,0 cm
V_o	1721,6	1537,2	2069,8
R	30 mm/min	30 mm/min	30 mm/min

KRAKÓW /Kra. φ = 50°03'1 N, λ = 19°56'2 E, h = 223 m/

	N	E
T_1	12,05 sek	11,78 sek
T_2	3,37 sek	4,13 sek
D_1	0,48	0,45
D_2	1,00	0,74
δ^2	0,028	0,043
V_o	1830	1650
R	30 mm/min	30 mm/min

Sejsmografy elektrodynamiczne SK-58

	N	E	Z
T_1	1,781 sek	1,757 sek	1,763 sek
T_2	0,383 sek	0,376 sek	0,362 sek
D_1	0,700	0,699	0,702
D_2	2,990	3,016	3,016
δ^2	0,263	0,314	0,165
V_o	6050	6050	4000
R	60 mm/min	60 mm/min	60 mm/min

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Charina	N	E	Z
T_1	1,50 sek	1,50 sek	1,00 sek
T_2	0,36 sek	0,33 sek	0,29 sek
D_1	0,75	0,75	0,75
D_2	2,00	2,00	2,00
σ_2	0,50	0,50	0,45
V_o	19680	16420	19690
R	60 mm/min	60 mm/min	60 mm/min

RACIBÓRZ /Rac. φ = 50°05′N, λ = 18°11′39″E, h = 209 m/

Mainka	N	E	Z
M	1050 kg	1050 kg	750 kg
T_1	6,19 sek	6,25 sek	2,15 sek
D_1	0,228	0,311	0,130
V_o	158	101	163
R	30 mm/min	30 mm/min	30 mm/min

Sejsmografy elektrodynamiczne SK-58

	N	E	Z
T_1	2,11 sek	2,06 sek	2,10 sek
T_2	0,476 sek	0,384 sek	0,263 sek
D_1	0,697	0,700	0,700
D_2	3,002	2,955	2,984
σ_2	0,016	0,027	0,078
V_o	1480	1540	1490
R	56 mm/min	56 mm/min	56 mm/min

Obserwatoria Głównego Instytutu Górnictwa

BYTOM /Byt. φ = 50°21′45″N, λ = 18°54′52″E h = 283 m/

Mainka	N	E
M	420 kg	420 kg
T_1	5,91 sek	5,90 sek
D_1	0,01	0,01
V_o	67	75
R_o	30 mm/min	30 mm/min

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DABROWA GÓRNICZA /Dąb. φ = 50°19'46"N, λ = 19°12'51"E, h = 275 m/

Mainka	N	E
M	750 kg	750 kg
T_1	5,42 sek	5,91 sek
D_1	0,01	0,02
V_o	128	179
R	30 mm/min	30 mm/min

ZABRZE /Zab. φ = 50°18'05"N, λ = 18°47'40"E h = 258 m/

Mainka	N	E
M	570 kg	570 kg
T_1	6,68 sek	6,46 sek
D_1	0,01	0,01
V_o	49	71
R	30 mm/min	30 mm/min

Stacja Sejsmologiczna przy Planetarium i Obserwatorium Astronomicznym w Chorzowie

CHORZÓW /Cho. φ = 50°17'33"N, λ = 18°59'30"E, h = 316 m/

Wichert	N	E	Z
M	1000 kg	1000 kg	1450 kg
T_1	5,60 sek	5,60 sek	2,10 sek
D_1	0,167	0,194	0,215
V_o	114	130	227
R	15 mm/min	15 mm/min	30 mm/min

Willmore	N	E	Z
T_1	1,10 sek	1,10 sek	0,82 sek
T_2	0,280 sek	0,288 sek	0,311 sek
D_1	0,977	0,906	0,959
D_2	0,622	0,712	0,574
σ_2	0,00029	0,00029	0,00029
V_o	1580	1640	1960
R	60 mm/min	60 mm/min	60 mm/min

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Stałe:

M - masa sejsmografu
T_1 - okres sejsmografu
T_2 - okres galwanometru
D_1 - stałe tłumienia sejsmografu
D_2 - stałe tłumienia galwanometru
$\mu 2$ - stała tłumienia /przy układzie Golicyn-Wilip/
$\sigma 2$ - współczynnik zależności sejsmografu i galwanometru
l_c - długość zredukowana wahadła
A - odległość od zwierciadła galwanometru do bębna rejestrującego
k - współczynnik przejścia
V_o - powiększenie statyczne
R - prędkość rejestracji

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
1	Rac.	e_Z	$23^h23^m50^s$					SK=58; ślady
		F	25					
2	Rac.	eP_Z	05 19 10					SK=58; Sumatra, Δ =80°; USCGS: 2 1/2°N, 96°E H=$05^h06^m54^s$
		$e/PcP/_Z$	23					
		F	22					
2	Rac.	e_Z	07 10 59					SK=58
		F	12					
2	Kra.	e_{NE}	19 25 04					SK=58; ślady
		e_{NE}	10					
		e_E	24.4					
		e_E	49					
2	Cho.	e_Z	22 20 32.2				+	Willmore, Górny Śląsk
		e_{NE}	32.7					
		i_{EZ}	34.2					
		i_E	37.2					
		i_Z	38.6					
		M_{NEZ}	40	0.8	3.2	4.4	3.8	
		F	21 25					
	Kra.	e_{NE}	22 20 55.5					SK=58
		e_{NE}	21 06.5					
		e_{NE}	21.5					
		e_{NE}	24.5					
3	Kra.	eP_{NE}	11 32 07					SK=58 Chiny, Δ =43°; USCGS: 44°N, 84.5°E H=$11^h24^m00^s$
		ei_{NE}	12					
		e_{NE}	25					
		e_{NE}	55					
	Rac.	e_Z	11 32 22					SK=58; Δ =43.5°
		e_E	40					
		e_Z	57					
		e_Z	33 10					
		e_E	20					

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N A_E A_Z (μ μ μ)	Uwagi
3	Rac.	e_E	$11^h44^m29^s$			
/d.c./		e_Z	47 31			
		e_E	34			
		e_N	48			
		ei_E	54			
		e_{NZ}, ei_E	48 15			
		e_N	41			
		F	53			
	War.	e_E	11 43 44.5			$\Delta = 41.5^\circ$
		e_E	44 19.5			
		e_Z	32.5			
		e_N	50.5			
		e_E	45 24.0			
		e_{NZ}	39.5			
		e_N	46 04.5			
		e_E	19.5			
		e_Z	47 10.5			
		eL_{NEZ}	48			3=10
		F	12 05			
3	Rac.	eP_{NZ}	20 22 07			SK=58 M. Tyrreńskie. $\Delta = 10.7^\circ$; USCGS: 39 1/2°N, 15 1/2°E H=$20^h19^m30^s$ h=250 km
		e_{NE}, i_Z	11.0			
		ePP_Z	15			
		e_{NE}	22			
		$ePPP_Z$	37			
		$ePPP_E$	40			
		e_Z	53			
		e_E	23 07			
		e_{NE}	17			
		e_{EZ}	41			
		iS_E	24 08.9			
		$eiSS_Z$	19			
		iSS_N	21.1			
		iSS_E	28.4			
		i_Z	41.1			

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Data	Obserw.	Faza	G.	M.	T.	Okres T sek.	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
3 /d.c./	Rac.	i/SSS/$_{NE}$	20	24	51.8					
		iSSS$_Z$			57.9					
		F		32						
	Kra.	eiP$_{NE}$	20	22	10					Δ=11°
		eiPPP$_{NE}$			33	5		+0,5		
		e$_{NE}$		23	14					
		eS$_{NE}$			59					
		e$_{NE}$		24	12					
		e$_N$,ei$_E$			15	ca 7		+1,8		
		eiSS$_{NE}$			30					
		ei$_{NE}$		26	27	4	-0,8			
	War.	e/PP/$_Z$	20	22	40					Δ=13,3°
		e$_Z$		23	36					
		e$_Z$			52					
		e$_Z$		24	32					
		i$_E$		25	07					
		i$_N$			12,5					
		i$_N$			16					
		eSS$_Z$			23					
		eiSS$_N$			24					
		F	21	48						
4	War.	eL$_Z$	06	27						Ślady
		eL$_{NE}$		31						Silne mikrosejsmy
		M$_E$		50	12	13		23,7		
	Kra.	eL$_N$	06	40						
		M$_E$		45	35	12		2,0		
		M$_N$		47	07	14	3,3			
4	Kra.	iPn$_{NE}$	12	53	40					Rumunia- Δ=6,8°; USCGS: 45°N, 27°E H=12^{h}51^{m}52^s
		ePg$_{NE}$		54	10					
		e$_N$,ei$_E$			18					
		i$_N$,ei$_E$			31					
		eSS$_{NE}$		55	06					

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N A_E A_Z [μ μ μ]	Uwagi
4 /d.c./	Kra.	eiS^*_{NE}	$12^h55^m19^s$			
		e_{NE}	27			
		$eiSg_E$	34	ca 6	-1.3	
		$eiSg_N$	37			
	Cho.	ePn_{NEZ}	12 53 47		/-/	Δ =7.5°
		ePP_Z	56			
		$e/Pg/_Z$	54 30			
		eSS_E	55 23			
		eS^*_Z	47			
		e_E	56 19			
		F	13 05			
	Rac.	ePn_{NE}, iPn_Z	12 53 51.0		+	Δ =7.8°
		ePP_Z	56.0			
		e_E	54 17			
		ePg_N	22			
		e_{NEZ}	42			
		e_Z	55 11			
		eSS_Z	28			
		$eSSS_{NZ}$, $iSSS_E$	37			
		iS^*_E	49			
		e_Z	56 00			
		eSg_E	14			
		i_{NZ}	25			
		e_N, i_E	34			
		ei_E, i_Z	54.5			
		i_N, ei_E	57 12.3			
		e_Z	48			
		i_N	58 08.5			
		e_E	18			
		i_N	29.1			
		F	13 03			
4	War.	ePP_Z	12 54 09			Δ =8.2°
		$ePPP_N$	14.5			
		e_Z	45			
		e_{NEZ}	55			

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N A_E A_Z (μ μ μ)	Uwagi
4 /d.c./	War.	eSSS$_E$	$12^h 55^m 47^s$			
		eSSS$_N$	53			
		i$_Z$	56 18			
		eSa$_Z$	31			
		e$_{NE}$	36			
		F	13 28			
5	Cho.	ei$_Z$	01 03 36.3			Willmore Górny Śląsk
		e$_{NE}$	36.5			
		F	04 08			
	Kra.	e$_{NE}$	01 03 56.4			Chariny
		ei$_{NE}$	58			
		e$_{NE}$	04 02			
		e$_{NE}$	11			
		e$_{NE}$	18			
		e$_{NE}$	31			
5	Kra.	e$_{NE}$	06 09 00			SK=58
		e$_{NE}$	10 05			
		e$_{NE}$	20			
		e$_{NE}$	56			
	Rac.	e$_Z$	06 09 30			SK=58
		e$_N$	37			
		e$_E$	12 11			
		e$_Z$	23			
		P	15			
6	Kra.	ei/P/$_{NEZ}$	13 02 15			Chariny
		e$_{NE}$	19			
		e$_{NE}$	27			
		e$_{NE}$	29			
6	Cho.	e$_{NE}$	13 10 30.2			Górny Śląsk
		e$_Z$	31.0			
		i$_Z$	32.8			

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
/d.6./	Cho.	M_Z	$13^h10^m35^s$	1.3			4.6.	
		F	58					
	Rac.	e_{EZ}	13 10 41					SK-58
		e_N	50					
		e_N	56					
		e_{EZ}	11 00					
		e_Z	25					
		e_N	36					
		e_{EZ}	43					
		F	13					
	Kra.	e_{NE}	13 10 44					SK-58
		e_{NE}	54					
		e_{NE}	56.5					
		e_{NE}	11 04					
		e_{NE}	14					
		e_{NE}	19					
6	Rac.	ePP_{NZ}	15 19 12					SK-58 Alpy Karnijskie, Δ =5.3°; BCIS: 46.5°N, 12.5°E H=15h17m36s
		ePP_E	16					
		ePg_Z	23					
		e_{NE}	26					
		e_E	41					
		e_{NE}	47					
		eSn_{NZ}	59					
		e_{NEZ}	20 08					
		eSS_Z	12					
		eiS^*_N	15.7					
		$iSSS_{EZ}$	22.3					
		iSg_Z	27.6					
		M_{NEZ}	20.5	1.2	1.6	3.2	1.9	
		M_{NEZ}	20.8	1.2	2.7	3.1	2.7	
		M_{NEZ}	20.9	1.0	1.4	3.1	2.8	
		F	26					

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
6	Kra.	$e/P^*/_{NE}$	$15^h19^m27^s$					SK-58; $\Delta = 6^0$
		e_{NE}	34					
		ePg_{NE}	37					
		e_{NE}	20 03.5					
		eSn_{NE}	19					
		e_{NE}	28.5					
		eS^*_{NE}	35					
		e_{NE}	46					
		e_{NE}	51					
		eSg_{NE}	56.5	1.2		-0.2		
6	Rac.	e_Z	15 47 59					SK-58; ślady
		e_Z	48 14					
7	Rac.	$ePcP_Z$	08 27 22					SK-58; ślady Nicobary. $\Delta = 75.7^0$; USCGS: 6 1/2°N, 94°E, H=$08^h15^m21^s$
		e_{EZ}	46					
7	Kra.	e_{NE}	13 55 18					Sandwich /USCGS/
		e_{NE}	57 04					
		e_{NE}	14 00 45					
		eL_N	27					
		M_N	31 30	19	3.7			
		M_E	32 42	17		3.5		
	War.	eL_{NE}	14 22					
		eL_Z	28					
		M_E	33 19	19	8.6			
		P	15 01					
7	Rac.	e_E	14 49 10					
		e_Z	12					
		e_N	16					
		e_{NE}	18					
		e_{NZ}	22					
		e_Z	26					
		e_{NE}	30					
		F	51					

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
	Kra.	e_{NE}	$14^h49^m36.^s5$					SK=58
		e_{NE}	53					
		e_{NE}	50 01					
		e_{NE}	03.5					
		e_{NE}	08.5					
7	Rac.	e_Z	16 53 28					SK=58
		e_N	36					
		e_{NE}	54 33					
		e_Z	38					
		e_E	55 12					
		e_E	30					
		e_N	46					
		e_Z	56 12					
		e_E	16					
		F	59					
	Kra.	e_{NE}	16 53 52					SK=58; ślady
		e_{NE}	54 09					
		e_{NE}	26					
		e_{NE}	39					
7	Kra.	$e/P/_{NE}$	23 29 13					SK=58; ślady Nicobary= Δ =75°; USCGS: 6 1/2°N, 94 1/2°E H=$23^h17^m18^s$
		$ePcP_{NE}$	16					
		e_{NE}	30					
	Rac.	eP_Z	23 29 13					SK=58; Δ=76°
		$ePcP_{NEZ}$	21					
		e_Z	30					
		e_{NE}	38					
		e_Z	45					
		F	31					
8	Rac.	ei_Z	08 03 49					SK=58
		e_Z	58					
		e_Z	04 39					
		e_{EZ}	58					

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N A_E A_Z [μ μ μ]	Uwagi
8	Kra.	e_{NEZ}	$19^h24^m46^s.6$			Chariny
		e_{NZ}, ei_E	52.6			
		e_{NZ}, ei_E	55.1			
		e_{NEZ}	59.6			
		e_{NEZ}	25 04.6			
9	Kra.	$ei/P/_{NEZ}$	02 39 08.6			Chariny
		e_{NEZ}	11.1			
		e_{NEZ}	15.1			
		e_{NEZ}	15.6			
		e_{NEZ}	18.6			
		e_{NEZ}	21.6			
9	Kra.	eP_{NE}	04 02 14			SW Turcja, $\Delta = 14.6^\circ$; USCGS: 37°N, 29°E $H=03^h58^m45^s$
		ePP_{NE}	22			
		$e/PPP/_{NE}$	41			
		e_{NE}	03 15			
		$eiSSS_N$, $eSSS_E$	05 23			
		e_{NE}	06 03			
		e_{NE}	45			
		e_{NE}	58			
		M_E	09 29	9	1.7	
		M_N	10 18	14	2.4	
	Rac.	eP_{EZ}	04 02 29			SK=58; $\Delta = 15.3^\circ$
		ePP_N	32			
		$ePPP_N$	41			
		$ePPP_Z$	44			
		ei_E	52			
		i_E	03 04			
		e_{NZ}	08			
		e_{NZ}	24			
	War.	eiP_Z	04 02 36			$\Delta = 16.2^\circ$
		eP_N	38			
		e_E	43			

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
9 /d.c./	War.	ePP_Z	$04^h02^m47^s$					
		ePPP_Z	56.5					
		e$_Z$	05 09					
		eS_E	41					
		eSS_N	53					
		eSS_E	58					
		eSS_Z	06 00					
		eSSS_E	16.5					
		e/SSS/$_Z$	19					
		e/PcP/$_Z$	07 35					
		eL_Z	08					
		eL_{NE}	10	8-10				
		M_Z	13.5	9			3.9	
		M_N	11 24	8	6,0			
		M_E	27	9		4.5		
		F	45					
9	War.	iP_Z,P_E	07 30 59	2			+ 7.2	Hundukusz, $\Delta = 37{,}5^\circ$; USCGS: 36°N, 69°E $H=07^h23^m50^s$ $h=150$ km
		e/P/$_N$	31/01/					
		e$_N$	19					
		PP_E	32 28					
		iPP_Z	29	3			+ 9.3	
		e$_{EZ}$	33 24					
		e$_N$	57					
		eS_N	36 31					
		eS_Z	35					
		eS_E	39					
		ePcS_E	58					
		e$_N$	39 05					
		ePS_Z	10					
		ePS_E	15					
		e$_N$	23					
		eSSS_N	43					
		eSSS_Z	47					
		eSSS_E	48					
		eL_{NEZ}	40	6-10				

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N A_E A_Z	Uwagi
					μ μ μ	
9 /d.c./	War.	M_E	07 h 40 m 38 s	4	8.2	
		F	08 12			
	Kra.	iP_{NEZ}	07 31 04			Chariny $\Delta = 37.7°$
		ei_{NZ}	19			
		iPP_{NEZ}	32 29			
		$iPcP_N$, $eiPcP_{EZ}$	38			
		e_{NEZ}	33 22			
		e_{NE}	39 32			
		$e/ScS/_{NE}$	37			
	Rac.	eP_{NE}, iP_Z	07 31 13.0		+	SK-58; $\Delta = 38.6°$
		e_{EZ}	30			
		e_{NZ}	36			
		e_{NZ}	32 08			
		e_E	26			
		ePP_N, $eiPP_Z$	40			
		i_{EZ}	45.2			
		ei_{NE}, i_Z	49.7			
		$eiPcP_Z$	33 08			
		ei_E	40			
		i_Z	58			
		ei_E	34 24			
		ei_N	28			
		F	48			
9	Kra.	$ei/P/_{NEZ}$	09 30 42			Chariny
		e_{NEZ}	45			
		e_{NEZ}	46.5			
		ei_{NEZ}	56.2			
		ei_{NEZ}	59.5			
9	Kra.	$e/P/_{NE}$	14 48 36.9			SK-58
		e_{NE}	44.4			
		e_{NE}	55.9			
		e_{NE}	49 02.4			

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
								SK= 58; ślady
10	Kra.	e_E	$02^h17^m47^s$					
		e_{NEZ}	57					
		e_{NEZ}	18 17					
	Rac.	e_Z	02 17 52					SK=58; ślady
		e_Z	18 02					
10	Rac.	e_Z	20 50 06					SK=58
		e_Z	12					
		F	51					
11	Rac.	eP_Z	02 40 01					SK=58; Riukiu Δ=81.5°; USCGS: 28 1/2°N, 131°E
		$ePcP_Z$	13					
		F	42					H= $02^h27^m38^s$
11	War.	NE	03 11-26					Ślady, silne mikrosejsmy
	Kra.	eL_N	03 13					
		M_N	36	17	1.6			
		M_N	19 52	15	1.5			
11	War.	eL_N	03 50	14				Ślady, silne mikrosejsmy
		eL_{EZ}	52	14				
		F	04 15					
	Kra.	eL_N	03 52					
		M_N	27	15	1.5			
11	Cho.	e_{EZ}	23 11 08.9					Willmore Górny Śląsk
		e_N	09.5					
		i_E	11.9					
		ei_E	16.5					
		F	43					
	Kra.	e_N,ei_E	23 11 17.3					Chariny
		e_{NEZ}	20.3					
		i_{EZ}	21.8					

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N A_E A_Z [μ μ μ]	Uwagi
11 /dac./	Kra.	e_{NZ}	$23^h 11^m 27^s.3$			
		e_{EZ}	29.5			
		i_{NEZ}	31.8			
	Rac.	e_Z	23 11 24.4			SK=58
		e_Z	47.6			
		e_Z	12 01.0			
		F	14			
12	Rac.	e_Z	00 08 19			SK=58; ślady
		F	10			
12	Kra.	ePP_{NEZ}	02 04 50.8			SK=58; Δ =79.5
		e_{NEZ}	05 01.8			
		e_{NEZ}	08.3			
	Rac.	$ePcP_Z$	02 05 06			SK=58; ślady
		e_Z	40			Formoza, Δ =80.5°;
		F	07			USCGS:23 1/2°N, 122°E H=$01^h52^m37^s$
12	Kra.	e_{NE}	12 32 01			SK=58; ślady
		e_{NEZ}	05.5			
		e_{NEZ}	12.5			
12	Kra.	e_{EZ}	22 42 17			SK=58; ślady
		e_{EZ}	27.5			
		e_{EZ}	44.5			
12	Rac.	e_Z	22 42 19			SK=58
		e_Z	34			
		e_Z	42			
		F	45			
13	Rac.	e_{EZ}	15 54 16.5			
		e_Z	25			
		e_N	55 45			
		e_E	58 22			
		e_Z	27			

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
13 /d.c./	Rac.	e_N	$15^h 58^m 37^s$					
		ei_E	16 05 38					
		eL_{NE}	13.2					
		M_N	23.1	30	63			
		M_{NE}	33.2	26	44	56		
		M_Z	37.7	22			16.6	
		M_Z	38.3	19			18	
		M_{NE}	41.2	18	21	20.6		
	Kra.	e_{NEZ}	15 54 23.6					} SK=58
		e_{NEZ}	26.1					
		e_{NE}	41					
		e_{NE}	51					
		e_{NE}	55 25					
		e_N, ei_E	58 03					
		e_{NE}	35					
		e_{NE}	16 00 33					
		e_{NE}	02 13					
		e_{NE}	04 59					
		M_N	33 49	ca 22	69.7			
13	War.	e_Z	15 56 54.5					
		e_N	57 21.5					
		e_Z	30.5					
		e_Z	44.5					
		e_E	50.5					
		e_Z	58 14.5					
		e_N	16 00 44.5					
		e_N	03 58.5					
		i_E	04 03					
		i_E	40.5					
		e_N	47					
		ei_N	05 14.5	13	52			
		e_E	30.5					
		e_E	06 44.5					
		ei_Z	47	10				

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
13	War.	e_N	$16^h07^m18^s.5$					
d.c		e_Z	19.5					
		i_N	34.5					
		e_Z	54.5					
		e_{EZ}	08/04.5/					
		e_N	30.5					
		ei_N	12 36.5	13	-14.9			
		eL_N	13	11-20				
		eL_{EZ}	16	12-24				
		M_N	29 41.5	19	15.8			
		M_E	34 47.5	21.5		95.4		
		M_N	35 07.5	20	62.5			
		M_Z	36 52	19			53.8	
		M_Z	41 27	18			52.7	
		M_E	30.5	20		116.4		
		F	18 39					
	Cho.	e_N	15 58 12					
		e_E	19					
		e_N	59 03					
		e_{NE}	16 04 55					
		M_N	13.2	18	42			
		M_E	14.1	20		27		
		M_{NE}	28.3	26	83	28		
		M_E	35.3	24		43		
		M_{NE}	41.3	20	30	18		
		F	17 20					
13	Cho.	e_{NE}, i_Z	16 01 37.8				-	Górny Śląsk Nałożone na poprzednie
		i_N	39.4					
		i_Z	40.5					
		M_Z	43	1.2			3.3	
		F	02 10					
	Rac.	e_Z	16 01 47.3					SK=58

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N A_E A_Z [μ μ μ]	Uwagi
13	Rac.	$*P_Z$	$16^h 41^m 40^s$			SK=58; ślady
		$*_Z$	42 26			Aleuty, $\Delta = 77.6^\circ$;
						USCGS: 51 1/2°N, 180°
						$H = 16^h 29^m 41^s$
	Kra.	$*P_{NE}$, eiP_Z	16 41 41			SK=58; $\Delta = 77.2^\circ$
		$*_{NEZ}$	42 01			
		$*_{EZ}$	11			
		$*_{EZ}$	19			
		$*_{EZ}$	53			
14	Kra.	$*_{NZ}$	02 53 22			SK=58; Sumatra
		$*_Z$	29			USCGS: $H = 02^h 41^m 24^s$
		$*_{NZ}$	37			
	Rac.	$*_Z$	02 53 42			SK=58; ślady
		$*_Z$	58			
		F	55			
14	Kra.	$e/P/_{NE}$, $ei/P/_Z$	10 37 56	1.0	+0.5	SK=58
		$*_{NEZ}$	38 03			
		$*_{EZ}$	10.5			
		$*_{NEZ}$	15			
		$*_{NEZ}$	37			
		$*_{NEZ}$	51			
		$*_{NEZ}$	39 28			
		$*_{EZ}$	40 55			
14	Kra.	e_{NEZ}	12 00 16			Chariny
		e_{NEZ}	18			
		e_{NEZ}	23			
14	Kra.	$*_{NEZ}$	17 02 27.5			SK=58
		$*_{NEZ}$	35.5			
		e_{NEZ}	38			
		$*_{EZ}$	53			

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
14	Kra.	eP_Z	$21^h36^m00^s$					SK=58; Atlantyk, Δ=64.4°; USCGS: 11°N, 43°W H=$21^h25^m15^s$
		e_Z	10					
		$ePcP_Z$	32					
	Rac.	e_Z	21 36 03					SK=58; ślady Δ=63.3°
		$ePcP_Z$	14					
		F	38					
15	Kra.	$e/P/_Z$	09 44 20					SK=58; Peru, Δ=104.6°; USCGS: 15°S, 75°W H= $09^h30^m24^s$
		e_Z	46 07					
		e_Z	48 36					
	Rac.	eP_Z	09 44 28					Δ=103.5°
		e_N	39					
		e_N	48 00					
		e_Z	29					
		ePP_N	47					
		eL_N	10 30					
		M_N	31.2	19	22			
		M_Z	32.2	19			11	
		F	37					
	Cho.	e_N	09 46 30					Δ=104°
		e_E	47 20					
		e_N	30					
		e_E	48 34					
		M_{NEZ}	10 32.3	18	8	14	33	
		F	50					
	War.	iPP_Z	09 48 44					Δ=105.5°
		e_Z	56					
		$e/PPP/_Z$	50 50					
		e_E	54 55					
		e_{NZ}	55 03					
		$eSKKS_Z$	16					
		e_E	56 52					

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
15 /d.c./	War.	e_N	$09^h57^m47^s$					
		ePS_Z	58 00					
		$ePPS_E$	58					
		e_N	10 01 55					
		e_E	03 25					
		eL_N	17					
		eL_E	19	16-22				
		eL_Z	20	15-25				
		M_Z	33 24	19		28.9		
		M_N	28.5	18	49.2			
		F						w czasie zmiany papieru
15	Rac.	e_{EZ}	10 44 31					SK=58
		e_Z	44					
		F	46					
16	Kra.	$ePKP_{1NEZ}$	12 49 38					SK=58; Fidżi, $\Delta = 147.2^\circ$; USCGS: 20 1/2°S. 178°W $H=12^h30^m56^s$ h=600 km
		e_{NEZ}	41.5					
		e_{NEZ}	50 08.5					
		e_{NEZ}	13.5					
	Rac.	$ePKP_{1Z}$	12 49 40					SK=58; $\Delta = 147.8^\circ$
		e_Z	44					
		e_Z	53					
		e_Z	50 09					
		F	52					
16	Cho.	i_{NEZ}	15 45 04.6		-	-	-	Willmore Górny Śląsk
		i_{NEZ}	05.3					
		M_{EZ}	06	0.5		2.0	1.3	
		i_E	10.6					
		$i_N \cdot e_Z$	11.6					
		e_Z	13.6					
		F	32					

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N A_E A_Z [μ μ μ]	Uwagi
16	Kra.	$i/P/_{NE}$, $\bullet/P/_Z$	$16^h 38^m 07^s.4$			Chariny; ślady
		$\bullet_{NE}$	12.4			
		$\bullet_{NE}$	16.9			
		$\bullet_{NE}$	24.4			
16	Rac.	$\bullet P_{EZ}$	21 00 09			SK-58; Alaska, $\Delta = 67^0$; USCGS: 63°N 151°W H=20h49m31s
		$iPcP_Z$	38.3		+	
		$\bullet_Z$	01 12			
		F	05			
16	Kra.	$\bullet P_{NEZ}$	21 00 09.8			SK-58; $\Delta = 66^0$
		$\bullet_{NEZ}$	15.3			
		$\bullet PcP_{NE}$, $i PcP_Z$	38.3			
		$\bullet_{NEZ}$	01 11.3			
		$\bullet PP_{NEZ}$	24.3			
17	Cho.	$\bullet_Z$	02 59 50.7		/+/	Willmore Górny Śląsk
		i_{NEZ}	52.8			
		F	03 00 10			
17	Kra.	$\bullet_{NEZ}$	04 31 01.9			Chariny
		$\bullet_{NEZ}$	07.1			
		$\bullet_{NEZ}$	17.4			
		$\bullet_{NEZ}$	25.1			
17	Rac.	$\bullet_E$	14 00 26			SK-58
		$\bullet_Z$	28			
		$\bullet_Z$	41			
		F	02			
18	Cho.	i_{NEZ}	13 19 49.5		- - -	Willmore Górny Śląsk
		i_N	50.5			
		i_{EZ}	51.0			
		M_{EZ}	52	0.4	1.7 1.0	
		F	20 25			

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N A_E A_Z [μ μ μ]	Uwagi
18	Kra.	e_{NEZ}	$13^h 20^m 01^s$			Chariny
		e_{NEZ}	05.3			
		e_{NEZ}	06.3			
		e_{NEZ}	10			
19	Kra.	eiP_{NEZ}	02 28 23	?		Chariny Kamczatka. Δ=71.5°; USCGS: 52°N, 158°E H=$02^h16^m52^s$
		e_{NEZ}	30	?		
		$ePcP_{EZ}$	33			
		e_{NEZ}	39			
		e_{NEZ}	57			
19	Rac.	$ePKP_{ZZ}$	03 33 53			SK=58; Fidżi. Δ=149.5°; USCGS: 23°S, 180° H=$09^h15^m04^s$ h=600 km
		e_Z	59			
		e_Z	36 06			
		P	38			
19	Rac.	e_Z	21 30 24			SK=58; ślady
		e_Z	38			
		P	32			
19	War.	eL_E	21 34	ca 8		Silne mikrosejsmy
		eL_{NZ}	35			
		F	43			
21	Che.	e_{EZ}	17 16 34.5		/-/	Willmore Górny Śląsk
		$e_{N,EZ}$	35.3			
		$i_{NE,eZ}$	37.7			
		P	54			
	Kra.	e_{NEZ}	17 16 41.7			Chariny; ślady
		$e_{NE,eiZ}$	49.4			
		e_{NEZ}	55.7			
22	Che.	i_{NEZ}	01 15 56.8		/-/ -	Willmore Górny Śląsk
		M_{NEZ}	16 06	0.7 1.3	1.2 0.8	
		F	20			

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N A_E A_Z [μ μ μ]	Uwagi
	Kra.	e_{NEZ}	$01^h16^m09^s.5$			Chariny
		e_N	18.5			
		ei_{EZ}	20			
		e_{NEZ}	25			
22	Kra.	eiP_{NEZ}	02 26 01.7			Chariny
		e_{NEZ}	05.9			Japonia, Δ =74.5°
		$ePcP_{NEZ}$	11			USCGS: 42°N,
		e_{NEZ}	16			142 1/2°E
		e_{NEZ}	27			H=$02^h14^m11^s$
23	Kra.	e_N	00 25 51.6			Chariny; ślady
		e_N	57.6			
		e_N	26 05.6			
		e_N	15.6			
23	Rac.	eP_Z	04 55 11			SK=58; Ceram
		e_E	58 25			Δ =105.5°; USCGS:
		e_Z	47			4oS, 127 1/2°E
		F	05 06			H=$04^h40^m56^s$
	Kra.	e_{NE}	04 58 12			Δ =104.3°
		e_{NE}	23			
		ePP_{NE}	59 30	2.0	+0.5	
		e_{NE}	48			
		e_{NE}	05 02 15			
		e_{NE}	05 02			
		eS_{NE}	06 53			
		eL_N	34			
		M_N	38 29	ca 15	2.0	
		M_N	44 18	ca 20	5.4	
	War.	e_Z	04 58 41.5			Δ = 103°
		ePP_N	59 18			
		ePP_Z	20			

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Data	Obserw.	Faza	G. M. S.	Okres T sek.	Amplituda A_N A_E A_Z [μ μ μ]	Uwagi
23 /d.c./	War.	ePP_E	$04^h59^m22^s$			
		e_Z	05 00 12.5			
		$e/PPP/_Z$	01 24			
		$eSKS_N$	05 42			
		$eSKS_E$	43			
		eS_{NE}	06 44			
		e_N	07 49.5			
		eL_{NE}	34	12-20		
		eL_Z	44	12-18		
		F	06 07			
23	Kra.	e_{NE}	06 43 01.8			SK-58
		e_{NE}	07.3			
		e_{NE}	31			
		e_{NE}	44 18			
	Rac.	i_Z	06 43 03.4	1	-1.2	SK-58
		e_{NE}	04			
		e_Z	08			
		e_{NZ}	12			
		F	46			
23	Kra.	e_{NE}	07 49 01			Ceram, Δ =104.3°; USCGS: 4°S, 127 1/2°E H=$07^h31^m14^s$
		ePP_N, $eiPP_E$	47	5.5	1.1	
		e_{NE}	50 32			
		$ePKS_{NE}$	53 07			
		e_{NE}	55 35			
		$eSKS_E$	59	ca 8	+0.6	
		eS_{NE}	57 14	6;8	-0.8 -0.7	
		e_{NE}	08 17 20	12;9	+1.5 -0.5	
		M_N	34 54	18	4.2	
		M_N	43 33	18	3.5	
		F	09 12			
	War.	ePP_Z	07 49 40			Δ =103°
		e_Z	50 29			

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N A_E A_Z [μ μ μ]	Uwagi
23 /d.c./	War.	e_Z	$07^h51^m58^s$			
		$eSKS_N$	55 59			
		$eSKS_E$	56 04			
		e_N	/14/			
		eS_E	59			
		e_N	57 52			
		ePS_N	58 41			
		$ePPS_E$	59 23			
		e_E	08 02 13			
		e_Z	14			
		$eSSS_E$	08 04			
		eL_{NE}	28	12-22		
		eL_Z	35	16-20		
		M_E	47 34	18	6.7	
		F	09 06			
23	Kra.	$i/P/_{NEZ}$	13 57 59.3			Chariny
		e_{NEZ}	58 04.7			
		e_{NEZ}	05.6			
		i_{NE}, e_Z	06.9			
23	Rac.	Z	18 15-18			SK=58; ślady
	Kra.	e_{NE}	18 15 20			Ceram, $\Delta = 104.3^\circ$; USCGS: 4°S, 127 1/2°E H=17h56m30s
		e_{NE}	29			
		$ePPP_{NE}$	17 19			
		eS_{NE}	22 30			
		e_{NE}	30 09			
		eL_{NE}	49			
		M_N	19 00 14	18	2.5	
	War.	eL_E	18 41	18-22		
		eL_E	42	14-25		
		F	19 10			
24	War.	e_Z	04 31 43			
		e_Z	55			

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
24 /d.c./	War.	e_Z	$04^h33^m02^s$					
		e_E	36 13					
		e_N	/15/					
		e_E	37 26					
		e_E	41/15/					
		e_N	49 03					
		eL_{NE}	05 17	14-22				
		eL_Z	20	15-20				
		M_N	35 39	20	8.2			
		M_Z	51	17			4.2	
24	Rac.	$ePKP_Z$	04 41 19					SK=58; ślady
		F	53					Fidżi, Δ =142.7°; USCGS: 15 1/2°S, 179°W, H=$04^h21^m42^s$
24	Rac.	e_{EZ}	20 11 18					SK=58
		e_Z	24					
		e_E	31					
		F	14					
25	War.	e_Z	16 57/16/					Ślady, mikrosejsmy
		e_Z	17 00 39					
		e_Z	07 02					
		e_Z	40 41					
		eL_{NE}	44					
		eL_Z	50					
		F	18 10					
25	Kra.	eL_N	17 44					
		M_N	53 36	20	2.3			
25	Rac.	e_Z	18 43 04					SK=58
		e_Z	18					
		e_E	30					
		e_Z	34					
		F	44					

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N A_E A_Z [μ μ μ]	Uwagi
26	Rac.	e_Z	$03^h28^m32^s$			SK=58; ślady
		F	31			
26	Kra.	eP_{NE}	09 56 03			Turcja, Δ =17.3°; USCGS: 39 1/2°N, 39 1/2°E H= $09^h52^m00^s$
		$e_N.ei_E$	07			
		e_{NE}	57 16			
		e_{NE}	58 25			
		eS_{NE}	59 12			
		$ePcP_{NE}$	10 00 52			
		e_{NE}	01 50			
		e_{NE}	02 11			
		M_E	04 20	17	2.5	
	War.	eP_Z	09 56 13			Δ =18°
		eP_{NE}	/17/			
		ePP_Z	20			
		$ePPP_Z$	39.5			
		eS_Z	59 31			
		e_Z	42			
		e_E	46			
		eSS_N	51			
		SS_E	57			
		$eSSS_Z$	10 00 02			
		PcP_E	55			
		e_Z	02 09			
		e_N	03 11			
		e_Z	13			
		eL_N	04	10-14		
		e_E	05 26			
		F	24			
26	Rac.	eP_{EZ}	09 56 18			SK=58; Δ =18.3°
		ePP_E	38			
		$ePPP_Z$	47			
		ei_E	57 01			
		e_Z	06			
		e_Z	26			

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N A_E A_Z [μ μ μ]	Uwagi
26 /d.c./	Pac.	ei_E	$09^h58^m12^s$			
		ei_E	40			
		F	10 09			
26	Kra.	$ePPP_{NE}$	13 09 14			Turcja, $\Delta = 13.7^\circ$; USCGS: $38^\circ N, 29^\circ E$ $H = 13^h05^m40^s$
		e_N	27			
		e_{NE}	39			
		e_{NE}	10 37			
		M_N	15 52	7	1.1	
		M_E	56	7	1.4	
	Rac.	ePP_Z	13 09 17			SK=58; $\Delta = 14.3^\circ$
		$ePPP_{EZ}$	21			
		e_Z	38			
		e_E	42			
		ei_E	53			
		F	18			
	War.	eL_{NEZ}	13 12	5-9		Turcja
		F	27			
26	Cho.	e_N	18 44 17.2			Górny Śląsk
		e_Z	18.0			
		i_E	18.5			
		ei_Z	19.0			
		i_Z	20.1			
		M_N	21	0.8	6.0	
		M_Z	22	0.8		55
	Kra.	e_E	18 44 29.4			Chariny
		e_E	33			
		e_E	36			
		e_E	40.4			
26	Kra.	iP_{NE}	20 28 33	1.5	+0.6 -0.7	
		e_{NE}	40			

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
26 /d.c./	Kra.	e_{NE}	$20^h29^m01^s$					
		e_{NE}	22					
		e_{NE}	39					
		e_{NE}	42					
		e_{NE}	30 14					
		M_E	31 25	6.5		1.3		
		M_N	27	6.5	0.9			
	Rac.	eiP_{NE}, iP_Z	20 28 45.0	1			-0.8	SK=58
		e_{NZ}	54					
		i_E	29 01					
		ei_N, e_Z	02					
		i_E	08.5					
		e_{NZ}	12					
		i_E	19.2					
		e_{NZ}	21					
		ei_E	30					
		e_Z	36					
		i_E, e_Z	48					
		i_E	30 21.0					
		F	40					
	War.	eP_N, iP_Z	20 28 54	6			+9.7	
		e_E	58					
		e_N	29 41					
		e_E	43					
		e_Z	45					
		e_N	30 03					
		e_Z	06.5					
		e_E	11					
		i_N	15	5	+5.6			
		e_Z	24.5					
		eL_{NE}	30.5	4-6				
		M_E	31 14	5	20.9			
		M_N	32 34.5	5	18.0			
		F	39					

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N A_E A_Z [μ μ μ]	Uwagi
27	Kra.	e_{NEZ}	$02^h13^m45^s$			Chariny
		e_{NEZ}	57			
		e_{NE}	14 02			
		e_{NE}	15			
27	Kra.	e_{NEZ}	22 22 37.5			Chariny; ślady
		e_{NEZ}	43.5			
		e_{NEZ}	51.5			
28	Cho.	e_{EZ}	10 32 42.5		-	Willmore Górny Śląsk
		i_E, i_{NZ}	44.3			
		e_Z	47			
		M_Z	49	1.0	1.3	
		F	33 02			
28	Kra.	e_{NZ}	12 46 59.4			Chariny; ślady
		e_{NZ}	47 06			
		e_N	11			
		e_{NZ}	24			
		e_{NZ}	28			
28	Rac.	e_Z	18 38 44			SK=58
		e_{EZ}	39 45			
		e_E	40 02			
		F	43			
28	Kra.	e_Z	22 09 52.4			SK=58
		e_Z	57.6			
		e_Z	05.6			
		e_Z	11.6			
		e_Z	17.1			
31	War.	e_Z	05 19 18.5	6	4.8	Japonia, $\Delta = 76.5^\circ$; USCGS: 33 1/2°N, 134 1/2°E H=$05^h08^m18^s$
		e_Z	46.5			
		e_E	51			
		e_E	29 16			
		e_E	30 00			

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
31 /d.c./	War.	e_N	$05^h30^m10^s$					
		$eSKS_E$	/22/					
		e_Z	35 12					
		e_N	37 58					
		SSS_E	38 09					
		eL_E	43	12-20				
		eL_{NZ}	47	11-18				
		M_N	51 36	16.5	36.7			
		M_E	45	15		25.2		
		M_{NE}	54 56	13;11	35.3	21.6		
		M_E	57 00	12		43.7		
		M_Z	13	11			25.3	
		F	06 40					
	Kra.	$\bullet P_{NEZ}$	05 20 23.5					Chariny Golicyn-Wilip $\Delta = 78.5^\circ$
		$\bullet PcP_{NE}$	32					
		$\bullet_{NE}$	21 04					
		$\bullet_{NE}$	22 45					
		$\bullet_{NE}$	29 42					
		$\bullet_{NE}$	30 01					
		eL_{NE}	51					
		M_N	52 50	17	22.7			
		M_E	53 17	17		10.0		
		M_E	58 48	15		15.6		
		M_N	59 21	15	22.2			
		M_E	06 00 00	12		7.1		
		F	37					
	Rac.	e_Z	05 21 28					SK=58; $\Delta = 79^\circ$
		e_Z	39					
		e_N	22 02					
		e_Z	16					
		F	24					
31	Cho.	$eSKS_E$	05 30 33					
		ePS_E	32 11					

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
31 /d.c./	Cho.	M_{NE}	$05^h53^m6^s$	16	19	16		
		M_{NEZ}	59.4	14	18	15	17	
		F	06 15					
31	Kra.	e_{NEZ}	13 16 19.4					Chariny
		e_{NEZ}	22.4					
		e_{NEZ}	24.9					

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H. Skoczek

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
1	Cho.	e_{NEZ}	$03^h55^m45^s.0$				/-/	Górny Śląsk
		i_Z	46.6					
		M_Z	49	1.1			1.7	
		F	56 06					
	Kra.	eiP_{NZ}, iP_E	03 56 04.8					Chariny
		e_{NEZ}	07.3					
		e_{NEZ}	09.3					
		e_{NEZ}	22.3					
1	Kra.	eiP_N, eP_E	12 03 12.1					Na W od Krety, $\Delta = 15.3^\circ$; USCGS: $35^\circ N, 23\frac{1}{2}^\circ E$ H=11h59m34s
		$eiPP_N, ePP_E$	19.6					
		$ePPP_{NE}$	31.9					
		e_{NE}	55					
		e_{NE}	04 40					
		e_{NE}	05 13					
		eSS_{NE}	06 13					
		M_E	08 51	8.5		ca2.8		
		M_N	11 55	13.5	4.6			
		F	24					
	Rac.	eP_N	12 03 21					SK-58; $\Delta = 15.6^\circ$
		e_Z	23.5				+	
		ePP_E	25					
		$eiPPP_N$	36.5					
		e_Z	04 03.5					
		e_Z	14					
		e_E	24.5					
		e_N	05 20					
		F	12					
	War.	P_Z	12 03 44.5					$\Delta = 17.2$
		ePP_{NEZ}	52					
		$ePPP_Z$	04 02					
		e_N	05 17					
		e_E	06 30					

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
1 /d.c./	War.	eS_N	$12^h06^m47^s$					
		e_N	07 00					
		e_E	02					
		eSS_N	06					
		eSS_E	12					
		$eSSS_N$	19					
		eL_{NEZ}	09	5-12				
		M_Z	11 18	7			3.8	
		M_N	38	9	6.0			
		M_E	13 33	12.5		6.4		
		P	33					
1	Kra.	e_{NEZ}	14 07 47					Chariny; ślady
		e_{NEZ}	08 04.6					
2	Rac.	e_{NE}	12 40 10.2					SK-58 N Finlandia USCGS: $H=12^h32^m45^s$
		e_{EZ}	51.7					
		e_N	59					
		e_Z	41 23					
		e_E	40					
		e_N	45					
		e_{EZ}	42 02					
		P	47					
	Kra.	e_{NE}	12 40 43					Chariny
		e_{NE}	59.6					
		e_{NE}	41 17					
		e_{NE}	44.6					
		e_{NE}	53					
		e_{NE}	42 35.6					
		e_{NE}	54.6					
		e_{NE}	43 03.6					
		e_{NE}	58.6					
		e_{NE}	44 12.6					
		e_{NE}	45 08					

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
2	Cho.	i_N, e_E, ei_Z	13h20m37s.1					Górny Śląsk
		M_{NZ}	40	1.4	12.3		5.2	
		e_Z	43.9					
		P	21 25					
	Kra.	e_{NE}	13 20 58					SK-58
		e_{NE}	21 08					
		e_{NE}	12					
		e_{NE}	25					
		e_{NE}	38.6					
	Rac.	e_N	13 21 23.2					SK-58; ślady
		e_{EZ}	25.7					
		e_N	22 04 8					
		F	23					
2	Rac.	i_{NEZ}	18 37 44.5					SK-58; bliskie
		F	50					
3	Kra.	eP_{NE}	00 02 14.4					Chariny; Chiny. Δ=61°; USCGS: 34½°N, 104½°E H=23h51m57s
		e_{NE}	20					
		e_{NE}	31					
3	Kra.	$ePKP_{2NEZ}$	02 41 36.8					Chariny; Nowa Zelandia, Δ=160° USCGS: 37°S, 179°E H=02h20m55s
		e_{NEZ}	42 10.3					
	Rac.	$eiPKP_{2Z}$	02 41 46.0					SK-58: ślady Δ=161°
		F	43					
3	Cho.	i_{NEZ}	03 47 57.8					Willmore Górny Śląsk
		i_Z	59.1					
		M_{EZ}	48 01	0.8		3.4	1.8	
		F	38					
	Kra.	e_{NEZ}	03 48 07.7					Chariny
		e_{NEZ}	20.7					
		e_{NEZ}	36.2					
		e_{NE}	49 01.7					

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Data	Observ.	Faza	G. M. T.	Okres T sek.	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
3	Kra.	$*_{NEZ}$	$22^h 23^m 01^s$					Chariny
		$*_{NEZ}$	17					
		$*_{NEZ}$	24.5					
		$*_{NEZ}$	33.5					
4	Kra.	$*_{NEZ}$	03 03 57.4					Chariny
		$*_{NEZ}$	04 00.9					
		$*_{NEZ}$	13.4					
		$*_{NEZ}$	21.9					
		$*_{NEZ}$	30.4					
4	Kra.	$*_{E}$	04 05 07					Nowa Irlandia.
		$*/PP/_{NE}$	07 04					$\Delta = 120.2^\circ$; USCGS:
		$*_{NE}$	08 03					$4\frac{1}{2}^\circ S$, $153\frac{1}{2}^\circ E$
		$*PKS_{NE}$	09 07					H=03 46 30
		$*_{NE}$	12 55					
		$*L_{NE}$	32					
		M_E	48 36	7		1.4		
		M_N	50 23	15	7.5			
		M_E	05 03 17	6		3.2		
		M_N	22	12	3.2			
	War.	$*PKP_E$	04 05 21					$\Delta = 118.5^\circ$
		$*PP_N$	06 44					Silne mikrosejsmy
		$*PP_Z$	46					
		$*_Z$	07 21					
		$*_{NZ}$	08 25					
		$*PKS_N$	54					
		$*PKS_Z$	58					
		$*_Z$	10 46					
		$*_Z$	11 07					
		$*SKS_{DZ}$	12 32					

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N A_E A_Z [μ μ μ]	Uwagi
4 /d.c./	War.	•SKS_{DNE}	$04^h 12^m 36^s$			
		•$PKKP_{BN}$	15 35			
		•$ScSP_E$	16 17			
		•$ScSP_Z$	20.5			Δ=241.5°
		•$SKKS_E$	23 22			
		•$_N$	43			
		•L_{NE}	40	12-21		
		•L_Z	44	15-22		
		F	06 14			
	Rac.	•$_E$	04 07 20.2			SK-58; Δ=121.2° Skł.Z nie rejestrowała
		•$_E$	08 02.8			
		•$_N$	15.3			
		•$_N$	09 01.8			
4	War.	•P_Z	17 02 23			Na E od Hondo, Japonia, Δ=76°; USCGS: 39°N, 143°E H=16 50 30
		•PcP_Z	37.5			
		•$_Z$	03 44			Silne mikrosejamy
		•$_N$	10 10			
		•$_N$	11 19			
		•S_N	12 05			
		S_E	07			
		•$_E$	20			
		•SKS_N	/26/			
		•ScS_Z	38			
		•PPS_E	52			
		•$_Z$	13 08			
		•L_{NE}	32	10-19		
		•L_Z	34	12-20		
		M_Z	39 08.5	16	7.5	
		M_N	14	14	10.2	
		M_E	40 12	14.5	12.9	
		F	18 30			

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
4	Kra.	eP_{NE}	$17^h02^m31^s$					$\Delta = 78^\circ$
		$ePcP_{NE}$	42.5					
		e_{NE}	57.5					
		e_{NE}	03 15.5					
		e_{NE}	04 08.5					
		e_{NE}	05 32.5					
		e_{NE}	11 56.5					
		eL_{NE}	33					
		M_N	40 38.5	15	22.4			
		M_E	42 12.5	13		8.2		
	Rac.	$eSKS_Z$	17 02 42.2					SK-58; $\Delta = 78.6^\circ$
		$e/ScS/_{RZ}$	03 01					
		ePS_N	08					
		F	09					
4	Kra.	$ePKP_{1NEZ}$	20 56 57					Pidżi, $\Delta = 145.3^\circ$; USCGS: $18\frac{1}{2}^\circ S$, $178^\circ W$ $H = 20^h38^m20^s$ $h = 600$km
		e_{NEZ}	57 04					
		e_{NEZ}	09					
		e_{NEZ}	31					
	Rac.	$ePKP_Z$	20 56 58.5					SK-58; ślady $\Delta = 145.9^\circ$
		ei_{NE}	57 00					
		F	59					
4	Kra.	eP_{NEZ}	21 09 56.8					Charlay Hondo, Japonia $\Delta = 77.5^\circ$; USCGS: $39\frac{1}{2}^\circ N$, $142\frac{1}{2}^\circ E$ $H = 20^h57^m56^s$
		e_{NEZ}	10 01.8					
		$ePcP_{NEZ}$	06.8					
		e_{NEZ}	11.3					
		e_{NEZ}	25.8					
	Rac.	eP_Z	21 10 00.5					SK-58; ślady $\Delta = 78.2^\circ$
		$ePcP_Z$	11.5					
		e_Z	43.5					
		F	13					

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
4	War.	NEZ	$21^h 40^m 57^s$					Ślady, silne mikrosejsmy
4	Kra.	$\bullet_{NE}$	21 42 33					
		$\bullet I_{NE}$	45					
		M_N	48 13	16	53.1			
		M_E	39	6		0.7		
5	Kra.	$\bullet_{NE}$	17 04 38.7					Chariny
		$\bullet_{NE}$	41.7					
		$\bullet_{NE}$	52.7					
5	Kra.	$\bullet_{NE}$	21 12 55					Chariny
		$\bullet_{NE}$	57					
		$\bullet_{NE}$	13 10					
6	Cho.	i_{NEZ}	10 39 53.6			-	-	Willmore Górny Śląsk
		i_Z	55.0					
		M_Z	56	0.7			4.8	
		i_Z	56.6					
		i_{EZ}	59.7					
		M_E	40 02	0.8	4.0			
		P	38					
	Rac.	e_Z	10 40 04.2					SK-58
		e_E	04.5					
		e_N	05.5					
		e_Z	30.0					
		e_E	40					
		e_Z	41 00.5					
		F	43					
	Kra.	e_{NE}	10 40 05.9					Chariny
		e_{NE}	09.9					
		e_{NE}	16.4					
		e_{NE}	26.4					
		e_{NE}	39.9					

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Data	Obserw.	Faza	G.	M.	T.	Okres T sek.	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
7	Kra.	$\bullet_{NE}$	10^h	13^m	31^s					Chariny; ślady
		$\bullet_{NE}$			35					
7	Rac.	$\bullet PKP_{1Z}$	11	36	33.8				-	SK-58; ślady
		P		38						Samoa, Δ=144.2°;
										USCGS: 15½°S, 173½°W
										H=11^{m}16^{s}54
8	Kra.	$\bullet_{NE}$	01	13	22.2					Chariny
		$\bullet_{NE}$			26.7					
		$\bullet_{NE}$			33.7					
		$\bullet_{NE}$		14	01.7					
8	Rac.	$\bullet_Z$	10	40	43.8					SK-58; ślady
		P		43						
8	Rac.	$\bullet_Z$	13	04	43.8					SK-58; ślady
		P		08						
	Kra.	$\bullet_Z$	13	04	44					
		$\bullet_Z$			53					
		$\bullet_Z$		05	03					
		$\bullet_Z$			55					
		$\bullet_Z$		06	53					
		$\bullet L_{NE}$		49						Golicyn-Wilip
		M_E		57	05	6			0.8	
		M_N			28	15	5.5			
		M_E	14	12	30	12			2.2	
		M_N			37	14	3.6			
	War.	$\bullet/P/_E$	13	07	01					
		$\bullet_Z$			06					
		$\bullet_Z$			53					
		$\bullet_E$		09	16					
		$\bullet_N$			18					
		$\bullet_E$			43					

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
8 /d.c./	War.	e_N	$13^h10^m08^s$					
		e_Z	21 02					
		e_E	06					
		e_Z	24 04					
		eL_{NEZ}	52	12-20				
		M_N	14 06 52	18	3.7			
		M_E	08 11	18		8.9		
		F	35					
	Kra.	e_Z	19 01 35.8					SK=58
		e_Z	02 11					
		e_Z	36					
		e_Z	03 06					
		e_Z	09					
		e_Z	21					
	Rac.	e_Z	19 03 26					SK=58; ślady
		F	09					
8	Kra.	e_Z	23 09 57.7					SK=58; ślady
		e_Z	10 17					
		e_Z	29					
8	Kra.	e_Z	23 13 14					SK=58
		e_Z	37					
		e_Z	14 23.7					
		M_Z	34	3.5		2.8		
		e_Z	15 21.7					
9	Kra.	e_Z	07 04 17.6					SK=58
		e_Z	20.6					
		e_Z	36					
		e_Z	40					

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N μ	A_E μ	A_Z μ	U w a g i
9	Cho.	e_{NE}, i_Z	$12^h 11^m 17.9^s$				-	Willmore Górny Śląsk
		i_N	19.8					
		i_{EZ}	20.5					
		ei_E, e_Z	23.7					
		M_N	29	1.0	1.9			
		P	40					
10	Rac.	e_Z	00 13 38.5					
		e_Z	14 33.7					
		P	24					
	Kra.	e_{NE}	00 13 58.2					Chariny
		e_{NE}	14 12.7					
		eL_{NE}	14.5					
		M_E	34	3.0		1.3		
		M_N	15 06	3.5	1.8			
10	Kra.	e_{NE}	03 21 30					SK-58; ślady
		e_{NE}	39.6					
		e_{NE}	56					
10	Kra.	e_{NE}	06 04 16.5					Chariny
		e_{NE}	35					
		e_{NE}	38.5					
10	Rac.	e_{NEZ}	09 20 20.3					SK-58; bliskie
		i_E	21.5					
		i_N	22					
		i_N	23.1					
		M_{NZ}	26	0.5	0.8		1.2	
		P	28					
10	Kra.	e_Z	13 24 12					SK-58
		e_Z	16					
		e_Z	19					

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
10 /d.c./	Kra.	$\bullet_Z$	$13^h 24^m 22^s.7$					
		$\bullet_Z$	29.7					
10	Kra.	$\bullet_Z$	16 28 18.6					SK-58; ślady
		$\bullet_Z$	20					
		$\bullet_Z$	24.6					
		$\bullet_Z$	27					
10	Kra.	$\bullet_Z$	23 39 30.4					SK-58
		$\bullet_Z$	49.9					
		$\bullet_Z$	59.4					
	Rac.	$\bullet_{NZ}$	23 39 34					SK-58
		$\bullet_E$	38					
		$\bullet_Z$	40 17					
		F	43					
11	Kra.	$\bullet_{NE}$	02 25 55.4					Chariny
		$\bullet_{NE}$	26 00.9					
		$\bullet_{NE}$	05.4					
		$\bullet_{NE}$	13.4					
11	Rac.	$\bullet i_{NEZ}$	12 14 05.5					SK-58; bliskie
		i_{NEZ}	09					
		M_Z	11.4	0.5		11.0		
		F	15					
12	Cho.	i_{NZ}	04 36 56.8					Willmore Górny Śląsk
		M_Z	59	1.2		14.5		
		i_Z	37 02.0					
		F	40					
	Rac.	e_{EZ}	04 37 05.8					SK-58
		e_Z	07.8					
		e_{NE}	08.8					

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N A_E A_Z [μ μ μ]	Uwagi
12 /d.c./	Rac.	$\bullet_E$	$04^h37^m12^s.3$			
		$\bullet_Z$	15.8			
		i_{NE}	26.8			
		$\bullet i_Z$	29.8			
		$c\bullet i_N$	38.9			
		i_Z	40.8			
		$\bullet i_E$	47.8			
		M_{NEZ}	38	2	1.1 1.1 0.7	
		P	40			
Kra.		$\bullet_{NEZ}$	04 37 09.3			SK-58
		$\bullet_Z$	13.8			
		$\bullet_Z$	19.3			
		$\bullet_Z$	24.8			
		$\bullet_Z$	28.8			
		$\bullet_Z$	32.3			
		$\bullet_Z$	34.8			
		$\bullet_Z$	51.3			
		$\bullet_Z$	38 05.3			
		$\bullet_Z$	28.3			
12	Rac.	$\bullet_{NZ}$	08 00 02.8			SK-58
		$\bullet_E$	03.8			
		F	02			
12	Kra.	$\bullet_{NE}$	12 44 20.5			Chariny
		$\bullet_{NE}$	22.5			
		$\bullet_{NE}$	34.5			
		$\bullet_{NE}$	38			
13	Kra.	$\bullet_{NE}$	03 00 55			
		$\bullet_{NE}$	03 10			
		$\bullet_{NE}$	04 23			
		eL_{NE}	06			

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
16	Kra.	•NE	19h27m17.3					Chariny
		•NE	29 22.8					
		•NE	48.8					
16	Kra.	•NE	19 51 54.3					Chariny
		•NE	52 03.8					
		•NE	13.8					
		•NE	29.8					
17	Kra.	•NEZ	09 17 03.6					SK-58; dlady
		•NEZ	08.1					
17	Kra.	i•NEZ	09 32 27.1					SK-58
		•NEZ	29.6					
17	Kra.	•NEZ	10 07 33.1					Chariny
		•NEZ	51.6					
		•NEZ	08 00.6					
17	Cho.	iNEZ	15 16 59.5		+	+	-	Willmore Górny Śląsk
		ei Z	17 03.7					
		P	25					
	Rac.	•Z	15 17 05.6					SK-58; duże mikrosejsmy
		F	19					
	Kra.	•NEZ	15 17 11.2					SK-58
		•NEZ	22.2					
		•NEZ	24.2					
		•NEZ	38.2					
		•NEZ	18 00.7					
17	Cho.	iNEZ	16 31 50.4		+	+	-	Willmore Górny Śląsk
		iZ	51.7					
		MZ	55	0.8			2.4	
		F	32 10					

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N A_E A_Z [μ μ μ]	Uwagi
17	Kra.	$\bullet_{NEZ}$	$16^h 32^m 10^s.7$			SK-58
		$\bullet_{NEZ}$	43.7			
		$\bullet_{NEZ}$	50.7			
	Rac.	$\bullet_Z$	16 32 31.2			SK-58; ślady
		P	35			
17	Kra.					
		$i/P/_{EZ}$, $\bullet/P/_N$	16 39 28.2			SK-58
		$\bullet_{NEZ}$	32.7			
		$\bullet_{NEZ}$	41.7			
	Rac.	$\bullet_Z$	16 39 31.3			SK-58; ślady
		P	42			
18	Cho.	i_{NEZ}	08 36 34.2		/-/ -	Willmore Górny Śląsk
		$\bullet_Z$	39.2			
		P	52			
	Kra.	$\bullet_{NEZ}$	08 36 56.4			SK-58
		$\bullet_{NEZ}$	37 02.4			
		$\bullet_{NEZ}$	04.9			
		$\bullet_{NEZ}$	16.4			
		$\bullet_{NEZ}$	24.4			
18	Cho.	i_{NEZ}	14 40 21.9		/+/ - -	Willmore Górny Śląsk
		i_Z	23.1			
		M_{NEZ}	25	0.6	3.4 2.8 2.4	
		$\bullet_{EZ}$	38.5			
		P	41 10			
	Rac.	$\bullet_{NZ}$	14 40 32.5			SK-58
		$\bullet_E$	32.9			
		$\bullet_N$	44.8			
		$\bullet_{NZ}$	59.3			
		$\bullet_Z$	41 08.1			
		P	43			

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Data	Obserw.	Faza	G. M .T.	Okres T sek.	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
18	Kra.	•NEZ	$14^h40^m34^s.8$					SK-58
		•NEZ	44					
		•NEZ	58					
		•NEZ	41 00					
		•NEZ	05					
		•NEZ	28.5					
18	Kra.	ie EZ °N	21 46 39.6					SK-58
		•NEZ	51.3					
		•NEZ	58.6					
		•NEZ	47 28.6					
		•NEZ	58.1					
	Rac.	•Z	21 46 42.5					SK-58; ślady
		•Z	47 00.1					
		F	49					
18	Kra.	•NE	22 20 51.6					
		•L NE	21 15.6					
		M E	39.6	7		0.9		
		M N	22 03.6	16	4.0			
19	Kra.	•Pn NEZ	02 32 05.7					Chariny: Włochy. Δ =7.7°; BCIS: 45.6°N, 10.5°E H=02 14
		•iP NEZ	31.2					
		•NEZ	38.6					
		•S NEZ	34 04.7					
		•iSg NEZ	21.7					
		•NEZ	35 10.7					
		•NEZ	22.7					
		•NEZ	56.2					
		•NEZ	36 04.7					
		•NEZ	20.7					
		•NEZ	52.7					
		•NEZ	37 12.7					

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N A_E A_Z [μ μ μ]	Uwagi
19	Rac.	$\bullet Pg_{EZ}$	02 32 40.8			SK-58; Δ=7°
		$\dot{\bullet}_N$	44.9			
		$\bullet_{NE}$	33 27.0			
		$\bullet SS_Z$	28.1			
		$\bullet S^E_Z$	50.1			
		$\bullet S^E_E$	51.8			
		M_{NEZ}	34.7	8;1.6;1.3	2.1 1.9 0.9	
19	Cho.	$\bullet_{NEZ}$	06 45 21.9		-	Górny Śląsk
		i_{NEZ}	23.0			
		M_{NEZ}	24	1.0	12.8 7.5 8.5	
		P	55			
	Kra.	$\bullet_{NEZ}$	06 45 34.7			SK-58
		$\bullet i_{EZ}$	43.7			
		$\bullet_{NEZ}$	48.7			
		$\bullet_{NEZ}$	57.7			
		$\bullet_{NEZ}$	46 33.7			
	Rac.	$\bullet_E$	06 45 41.7			SK-58
		$\bullet_{NZ}$	49.0			
		$\bullet_E$	46 01.2			
		$\bullet_N$	03.3			
		$\bullet_Z$	11.2			
		P	48			
19	War.	P_Z	10 43 54.5			Hindukusz. Δ=38.2°
		$\bullet P_E$	58			USCGS: 36°N, 70°E
		pP_{EZ}	44 22			H=10 36 46
		i_Z	41		+	h=200km
		$\bullet_E$	44			
		e_{NE}	57			
		i_Z	45 02		-	
		i_Z	20			
		ePP_N, iPP_E	31	4	+68.1	
		PPP_Z	51			

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N A_E A_Z [μ μ μ]	Uwagi
19 /d.c./	War.	PcP_E, $iPcP_Z$	$10^h 46^m 02^s$			
		$\bullet_Z$	24			
		$\bullet_N$	55.5			
		i_Z	47 18.5			
		i_Z	48 50			
		$\bullet S_E$	49/34/			
		/PcS/$_N$	50 13			
		$\bullet_E$	56			
		M_E	53 06	6	58.2	
		M_N	56 26	6	99.1	
		F	11 37			
	Kra.	iPi_{NZ}, $\bullet P_E$	10 43 59.8			SK=58; Δ=38.5°
		$\bullet_{NEZ}$	44 01.8			
		$\bullet pP_{NEZ}$	26.8			
		$\bullet_{NEZ}$	/47.8/			
		$iPPP_{NEZ}$	46 05.8	1	0.6	1.4
		$\bullet i_{NZ}$, $\bullet_E$	30.3	2	2.1	3.0
		$\bullet_{NEZ}$	47 03.8			
		$\bullet_{NEZ}$	48 31.8			
		$\bullet S_{NEZ}$	49 39.8			
		$\bullet_{NEZ}$	50 08.8			
	Cho.	$\bullet P_Z$	10 44 06		-	Δ=39.3°
		$\bullet_N$	20			
		$\bullet pP_E$	49			
		$\bullet_Z$	45 12			
		$\bullet_{NE}$	13			
		$\bullet_{NE}$	27			
		iPP_E, $\bullet PP_Z$	38			
		$\bullet i_N$	47			
		$\bullet_Z$	46 39			
		i_N	50			
		$\bullet_N$	47 26			
		$\bullet_N$	38			

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
19 /d.c./	Cho.	M_{NE}	$10^h 54^m 4^s$	5	4.4	3.1		
		F	11 50					
	Rac.	eP_Z	10 44 08.7					Δ =39.8 Silne mikrosejsmy
		e_N	29.5					
		e_Z	29.9					
		e_E	30.9					
		i_Z	56.1					
		e_Z	45 15.4					
		e_N	16.1					
		e_E	20.1					
		ei_N	31.9					
		i_Z	44.0					
		iPP_E	46.6					
		iPP_Z	49.2					
		$iPPP_Z$	46 11.0					
		M_N	46.5	3.1	62			
		M_{NEZ}	47.5	3;3;2	52.5	31	12	
		M_E	56.2	3		12		
		F	11 14					
20	Rac.	e_Z	09 00 08.7					SK-58; ślady
		F	02					
20	Rac.	e_Z	19 26 39.3					SK-58; ślady
		e_Z	27 15.4					
		F	29					
20	Kra.	e_{NEZ}	20 26 34.9					Chariny
		ei_{NEZ}	35.9					
		e_{NEZ}	38.4					
		e_{NEZ}	27 00.4					
		e_{NEZ}	15.9					
21	Rac.	ePP_Z	01 07 04.1					SK-58; ślady Nowa Zelandia, Δ=116°; USCGS: 42°S, 173°E H=00h46m56s, h=60km
		F	13					

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N A_E A_Z [μ μ μ]	Uwagi
21	Cho.	e_Z	$01^h 21^m 34^s.2$		-	Willmore Górny Śląsk
		$ei_N \cdot e_E$	34.6			
		$i_N \cdot e_Z$	36.3			
		e_Z	37.5			
		e_E	39.5			
		M_{NEZ}	41.4	0,8	1.1 0.8 0.6	
		P	59			
	Kra.	e_{NEZ}	01 21 57.1			Chariny
		e_N	22 08.1			
		e_N	20.1			
21	Rac.	eP_E	08 17 25.8			SK-58 N Algeria. $\Delta = 17.3^\circ$; USCGS: $36^\circ N, 4\frac{1}{2}^\circ E$ H=08 13 31
		ePP_Z	41.7			
		ePP_N	44.8			
		e_E	18 08.1			
		e_N	19 12.0			
		e_E	14.8			
		P	24			
	Kra.	eiP_{NE}	08 17 51.5			$\Delta = 17.9^\circ$
		$e/PPP/_{NE}$	18 17.5			
		e_{NE}	33.5			
		e_{NE}	19 08.5			
		ei_{NE}	20 18.5			
		eL_{NE}	23			
		M_N	26 55.5	12	1.8	
		M_E	27 24.5	9	0.8	
	War.	eP_Z	08 18 13			$\Delta = 20^\circ$ Skł. N nie rejestrowała
		e_Z	47			
		e_E	19 19			
		e_E	20 53			
		eSS_E	22 13			
		SSS_E	35			
		eL_E	25			

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Data	Obserw.	Faza	G. M. T.	Okres T pok.	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
21 /d.c./	War.	$\bullet_Z$	$08^h26^m47^s.5$					
		F	40					
21	Rac.	$\bullet P_Z$	09 33 55.8					SK-58
		$\bullet PP_E$	34 06.4					Turcja, Δ=19.7°;
		$\bullet PPP_Z$	19.0					USCGS: 38°N, 42°E
		$\bullet_N$	37.8					H=09h29m15s
		$\bullet_E$	35 04.3					
		F	37					
21	Rac.	$\bullet_{EZ}$	11 49 08.8					SK-58
		$\bullet_E$	50 05.4					
		$\bullet_Z$	29.3					
		$\bullet_E$	51 02.9					
		$\bullet_N$	05.9					
		F	54					
22	Rac.	$\bullet PKP_{2Z}$	01 13 10.7			+		SK-58
		$\bullet PKP_{2E}$	11.6					Fidżi, Δ=147.5°;
		$\bullet_Z$	14.7					USCGS: 20°S, 178½°W
		$\bullet_E$	14 31.7					H=00h54m30s
		F	17					h=600km
22	Kra.	$\bullet_{NEZ}$	09 22 30.5					Chariny: ślady
		$\bullet_{NEZ}$	56.5					
22	Kra.	$\bullet_{NE}$	16 16 54.4					
		$\bullet_{NE}$	17 31.4					
		$\bullet_{NE}$	18 23.4					
		$\bullet_{NE}$	20 28.4					
		$\bullet_{NE}$	21 45.4					
22	Kra.	$\bullet/P/_{NE}$	21 06 57.2					Chariny
		$\bullet PP_{NE}$	07 08.7					Golicyn-Wilip
		$\bullet_{NE}$	10 18.2					Grecja, Δ=11°;
		$\bullet_{NE}$	37.2					USCGS: 39°N, 20½°E
								H=21h04m09s

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
22 /d.c./	Kra.	$e i_{NE}$	$21^h 11^m 03^s.2$					
		e_{NE}	56.2					
		M_N	12 02	3	1.9			
		M_E	04			26.5		
	Rac.	ePP_Z	21 07 04.9					SK-58; ślady $\Delta = 11.2^\circ$
		e_Z	34.6					
		e_E	11 11.5					
		P	14					
	War.	e_E	21 11 57					$\Delta = 13.2^\circ$ Skł. N nie rejestruje
		e_Z	12 09					
		e_Z	13 57					
		P	20					
23	Kra.	$e/P/_{NE}$	00 33 46.4					Grecja. $\Delta = 11^\circ$; USCGS: $39^\circ N$, $20\frac{1}{2}^\circ E$ $H = 00^h 30^m 58^s$
		ePP_{NE}	52.4					
		e_{NE}	34 25.4					
		eSS_{NE}	36 01.4					
		e_{NE}	53.4					
		e_{NE}	37 08.4					
		ei_{NE}	31.4					
		ei_{NE}	38 07.4					
		M_E	47	4.5		3.7		
		M_N	39 46	4.5	2.4			
	Rac.	ePP_Z	00 33 51.6					SK-58; ślady $\Delta = 11.2^\circ$
		F	40					
	War.	e_E	00 37 59.5					$\Delta = 13.2^\circ$
		e_Z	38 10.5					
		M_E	39 19	14		7.1		
		e_Z	51.5					
		F	51					

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
23	Kra.	ei/P/$_{NZ}$, e/P/$_E$	$02^h16^m56^s.9$					SK-58
		e_{NEZ}	17 40.4					Afganistan. Δ=38°;
		e_{NEZ}	18 00.9					USCGS: 36°N, 70°E
		e_{NEZ}	16.4					H=02h09m42s
		ePP_{NEZ}	29.4					
	Rac.	e_Z	02 18 33.7					SK-58; ślady
		F	23					Δ=39.5°
23	Kra.	eP_{NE}	07 37 11.6					SK-58
		ePP_{NE}	22.6					Golicyn-Wilip
		e_{NE}	38 28.6					
		eSS_{NE}	39 34.6					
		ei_{NE}	40 32.6					
		M_E	42 18	4.5		11.8		
		M_N	43 17	4.5	6.9			
		M_N	55 28	4.5	2.5			
		M_E	31	5.0		4.1		
23	Rac.	eP_N	07 37 15.9					SK-58; Δ=11°
		ePP_Z	19.5					
		ePP_E	20.					
		e_Z	2 06.6					
		e_N	46.9					
		e_E	40 52.4					
		e_N	41 13.4					
		e_N	17.1					
		M_{NE}	42.8	3.3; 1.7	2.6	2.5		
		M_{NE}	43.0	3	3	2.8		
		F	08 00					
	War.	$ePPP_Z$	07 38 03					Δ=13.3°
		i_{EZ}	41 16.5					
		e_Z	51.5					
		i_E	42 12.5					

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
23 /d.e./	War.	M_E	$07^h 42^m 49^s$	13	21.8			
		i_Z	57	5			•	
		M_Z	44 00	8			18.0	
		M_Z	45 26	10			9.6	
		M_E	56 10	13		8.7		
		F	08 10					
23	Kra.	$eiPKP_{2NEZ}$	11 49 52.2					Chariny; Fidżi, Δ=145.8°; USCGS 19°S, 178°W H=11h 31m 04s h=500km
		e_N	50 08.8					
	Rac.	$ePKP_{2Z}$	11 49 53.9					SK-58; Δ=147°
		F	52					
23	Cho.	ei_N, i_{EZ}	15 02 19.9			-	-	Willmore Górny Śląsk
		e_{EZ}	21.9					
		M_{NEZ}	24	0.8	2.1	2.4	1.0	
	Kra.	e_{NEZ}	15 02 32.5					Chariny
		ei_{NEZ}	44					
		e_{NEZ}	59					
		e_{NEZ}	03 08.5					
24	Rac.	e_Z	03 17 16.2					SK-58; ślady
		e_Z	42.2					
	Kra.	e_N	03 17 46.9					Chariny
		e_N	54.4					
		e_N	59.4					
24	Cho.	e_{EZ}	16 18 16.1					Willmore Górny Śląsk
		i_{NE}, e_Z	18.1					
		F	50					
	Rac.	e_Z	16 19-22					SK-58; ślady
	Kra.	e_{NEZ}	16 19 28.2					SK-58

II - 1960

Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplitudy A_N μ	A_E μ	A_Z μ	Uwagi
24 /d.c./	Kra.	i_{NEZ}	16h19m36s.2					
		e_{NEZ}	38.7					
		e_{NEZ}	20 02.2					
24	Cho.	e_{NEZ}	19 52 21.6					Willmore Górny Śląsk
		i_{NEZ}	22.0					
		M_{NEZ}	26	0.6	1.0	1.1	0.8	
		F	50					
	Kra.	e_{NEZ}	19 52 38.8					Charlny
		e_{NEZ}	42.3					
		e_{NEZ}	53 12.8					
	Rac.	e_Z	19 52 57.8					SK-58
		e_Z	53 32.9					
		F	53					
24	Kra.	$iPKP_Z$, $ePKP_{NE}$	21 56 05					SK-58 Wyspy Salomona. $\Delta = 124°$; WWCGS; $7\frac{1}{2}$ m 156 ; H-21h37m04 ; M-6½ - 6¾ /Pasadena
		e_{NEZ}	10.5					
		e_{NEZ}	56.5					
		e_{NEZ}	57 02.5					
		e_{NEZ}	18.5					
		e_{NEZ}	48					
		ePP_{NEZ}	55					
		e_{NEZ}	58 04.5					
		e_{NEZ}	28.5					
	Rac.	$ePKP_Z$	21 56 06.8					SK-58; $\Delta = 125°$
		e_E	11.7					
		e_N	14.9					
		e_Z	29.4					
		e_E	58 56.5					
		F	22 04					
24	Kra.	eL_{NE}	22 37.5					Wyspy Salomona Bardzo silne mikrosejsmy
		M_E	50 08.5	2.5			1.9	
		M_N	44.5	9.5	2.4			

II - 1960

Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
24	War.	eL_E	22^h44^m s	16-22				Bardzo silne mikrosejsmy Skł. N nie rejestrowała
		eL_Z	46					
		F	23 10					
25	Cho.	i_{NEZ}	09 40 36.4		◆	◆	◆	Willmore Górny Śląsk
		i_E	38.9					
		M_Z	40	0.6			1.8	
		ei_Z	41.7					
		i_Z	44.9					
		M_{NE}	46	1.0	3.2	2.5		
		F	41 10					
	Rac.	e_Z	09 40 43.0					SK=58; skł. N nie rejestrowała
		e_E	49.8					
		e_E	41 12.2					
		M_{EZ}	35.0	1.5	0.6		0.7	
	Kra.	e_{NEZ}	09 40 47.7					SK=58
		ie_{NEZ}	59.7					
		e_{NEZ}	41 15.7					
		e_{NEZ}	31.2					
25	Kra.	e_{NEZ}	12 18 35.3					SK=58
		e_{NEZ}	43.3					
		e_{NEZ}	54.3					
26	Rac.	$ePKP_{2EZ}$	06 52 26.7					SK=58: Tonga $\Delta = 148.5^\circ$; USCGS: $20^\circ S$, $174^\circ W$ $H = 06^h 32^m 36^s$
		e_Z	53 17.2					
		F	56					
26	Kra.	eP_{NE}	23 41 25.7					SK=58: Alenty $\Delta = 77.3^\circ$; USCGS: $51\frac{1}{2}^\circ N$, $178^\circ W$ $H = 23^h 29^m 25^s$; M=6-6¼ /Pasadena/
		$ePcP_{NE}$	41					
		e_{NE}	42 11.7					
		e_{NE}	36					
		e_{NE}	44					

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II - 1960

Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
27	War.	eL_E	00^h16^m 8	16-20				Skł. N nie rejestrowała
		eL_Z	18	14				
		P	43					
27	Kra.	e_N	01 19 34.9					Chariny; ślady
		e_N	39.9					
		e_N	57.4					
27	Kra.	e_{NE}	08 57 26.6					
		eL_{NE}	59					
		M_E	09 03 16	6	0.4			
		M_N	33	14				
	War.	EZ	08 59-09 07					Ślady, silne mikrosejsmy
27	Cho.	e_Z	21 11 07.0					Górny Śląsk
		e_Z	11.3					
		M_Z	14	1.0		3.5		
		F	45					
	Rac.	e_Z	21 11 17.8					SK-58
		e_E	18.7					
		e_Z	23.8					
		e_Z	34.2					
		e_E	41.5					
	Kra.	e_{NE}	21 11 19.3					SK-58
		e_{NE}	29.8					
		e_{NE}	37.3					
		e_{NE}	47.8					
		e_{NE}	12 01.3					
		e_{NE}	09.8					
		e_{NE}	24.8					
28	Kra.	e_N	07 31 17					Chariny: ślady
		e_N	20.5					
		e_N	29					

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N A_E A_Z [μ]	Uwagi
28	Kra.	i/P/$_{NEZ}$	14^{h}18^{m}18^s.7			Chariny
		•$_{NEZ}$	29.2			
		•i$_{NEZ}$	35.7			
		•$_{NEZ}$	42.2			
29	Kra.	•i$_{NEZ}$	05 35 24.7			SK-58
		•$_{EZ}$	26.7			
		•$_{NEZ}$	38.7			
		•$_{NEZ}$	46.7			
		•$_{NEZ}$	36 07.7			
	Rac.	•$_Z$	05 35 28.2			SK-58; ślady
		P	37			
29.II. -1.III.	Rac.	•P$_{EZ}$	23 46 15.9			SK-58 Agadir, Maroko, △=28.6°; BCIS: 30.5°N, 9.7°W H=23^{h}40^{m}13^s; M=6
		•$_N$	18.9			
		•$_Z$	32.6			
		•$_N$	36.3			
		•$_Z$	44.1			
		•$_E$	50.3			
		•iPP$_N$	47 04.4			
		•PP$_E$	08.3			
		iPP$_N$	24.4			
		•$_Z$	29.4			
		•$_?$	33.9			
		•$_E$	56.9			
		•$_N$	48 00.9			
		•$_E$	30.5	2.1	1	
		•i$_N$	43.1	2.1	1	
		•$_E$	49 08.1			
		•$_E$	51 25.4			
		•$_E$	53.9			
		•$_N$	52 02.0			

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II - 1960

Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N A_E A_Z μ μ μ	Uwagi
29.II. -1.III.	Kra.	iP_{NE}	$23^h 46^m 23^s$			Δ=29.5°
		PPP_E	47 25			
		$_{NE}$	48 44			
		$_{NE}$	49 06			
		$_{NE}$	50 08			
		$_{NE}$	31			
		S_{NE}	51/13/			
		$_{NE}$	24			
		SS_{NE}	52 42			
		$_{NE}$	53 27			
		M_E	00 00 16	10	4.0	
		M_N	01 24	12	7.4	
		F	50			
	War.	P_Z	23 46 39			Δ=31.3° Silne mikrosejsmy
		$_{NZ}$	47 23			
		PPP_E	51			
		$_E$	49 40			
		$_N$	50 57			
		$_N$	51 29			
		S_{NE}	48			
		$_N$	52 29			
		$_N$	53 03			
		PcS_Z	14			
		SS_N	32			
		SSS_{NE}	54.5			
		$_Z$	54 03			
		$_N$	31			
		i_E	54	4		
		i_N	55 09			
		$_E$	56 05			
		$_N$	10			
		$_Z$	21			
		ScS_N	57 14			

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N	A_E	A_Z	Uwagi
29.II. -1.III.	War.	M_N	$00^h00^m48^s$	11.5	19.5			
		M_Z	01 43	14			19.5	
		M_E	46	12	16			
	Cho.	eL_{NE}	23 53.4					
		M_{NE}	00 00.8	12	10	6		
		F	15					

Z.Gryglewicz

H.Skoczek

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III 1960

Data	Obserw.	Faza	G, M. T.	Okres T sek.	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
1	Rac.	$ePKP_Z$	$03^h45^m21^s$					SK-58; ślady
		F	46					Fidzi, Δ=145°; USCGS: 18½°S, 178°W H=$03^h26^m41^s$ h=600km
2	War.	eL_N	22 11					N Atlantyk
		eL_E	12					Bardzo silne mikrosejsmy
		F	36					
2	Cho.	e_{NEZ}	23 24 25.0			-	-	Willmore Górny Śląsk
		i_{EZ}	27.5					
		e_E	29.9					
		i_E	30.9					
		M_{NEZ}	33	1.0	2.9	4.2	2.3	
		F	50					
	Kra.	$ei/P/_{NEZ}$	23 24 37.5					SK-58
		e_{NEZ}	48.5					
		e_{NEZ}	58.5					
		e_{NEZ}	25 08					
	Rac.	e_Z	23 24 47					SK-58; ślady
		e_Z	25 01					
		F	27					
4	Kra.	eP_{NE}, eiP_Z	02 28 04					SK-58
		$ePcP_{NE}$, $eiPcP_Z$	16.5					W-y Andrejanowa, Δ=78°; USCGS: 50½°N, 177°W H=$02^h15^m56^s$
		e_{EZ}	25.5					
		e_{NEZ}	36.5					
	Rac.	eP_{EZ}	02 28 05					SK-58; Δ=78.5°
		$ePcP_{EZ}$	17					
		F	31					

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Data	Obserw.	Faza	G.	M.	T.	Okres T sek.	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
4	War.	eP_N	04^h	04^m	$46^s.5$					Na S od Kiusiu, Japonia, $\Delta = 76^\circ$; USCGS: 31° N, 129° E, H=$03^h 53^m 00^s$, h=100 km; M=6¼ /Pasadena/
		eP_E, eiP_Z			47					
		ePcP_Z			56					
		ePcP_N			58					
		epP_N		05	09					
		ePP_N		07	33					
		ePPP_E		09	27					
		e$_Z$		10	57					
		eS_E		14	11					
		e$_{NE}$			25					
		e/SKS/$_E$			29					
		esS_N			56					
		ePPS_N		15	21					
		ePPS_E			24					
		eI_{NZ}			22					
		eL_E			32					
		F	05	00						
	Kra.	eiPcP_{NE}	04	04	57	3	+0.6	0.7		$\Delta = 77.5^\circ$
		epP_{NE}		05	11					
		e$_{NE}$			51					
		e$_{NE}$		08	39					
		e$_{NE}$		10	30					
		e$_{NE}$		11	50					
		e/S/$_N$		14	39	3.5	0.5			
		e/S/$_E$			40	4		0.6		
		eisS_{NE}		15	17	ca 7	+1.1	-0.8		
		eL_{NE}			32.3					
		M_N		40	39	ca 15	2.5			
		M_E		42	06	ca 13		2.0		
		F	05	05						
	Rac.	ePcP_Z	04	05	02					SK-58, $\Delta = 78.5^\circ$
		ePcP_E			04.5					
		ePcP_N			05					

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III - 1960

Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N A_E A_Z [μ μ μ]	Uwagi
4 /d.c./	Rac.	ePP_E	04h05m19s			
		e_Z	56.5			
		e_N	06 13			
		e_E	07 09.5			
		e_N	34			
		e_Z	37			
		F	13			
4	Cho.	e_{NEZ}	06 22 05.7		-	Willmore Górny Śląsk
		F	36			
	Kra.	e_{NEZ}	06 22 12			SK-58
		e_Z	20.5			
		ei_{NE}	21			
		ei_N	26.5			
4	Kra.	e_{NEZ}	13 14 43			SK-58; ślady
		e_{NEZ}	51			
4	Rac.	eP_Z	16 30 38			SK-58
		eP_N	42			Jan Mayen, Δ=23.5°;
		e_E	52			USCGS: 72° N, 1½° W
		ePP_Z	31 11.5			H=16m25s25s
		e_N	35			
		F	34			
	Kra.	eiP_N, eP_E	16 30 40.4			Δ=24°
		e_{NE}	46			
		e_{NE}	51			
		$e/PP/_{NE}$	31 07			
		$ePPP_{NE}$	30			
		eL_N	39.2			
		M_N	40 33	17	2.2	
		F	47			

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Data	Obserw.	Faza	G. M. T.	Okres T sec.	Amplituda A_N μ	A_E μ	A_Z μ	U w a g i
4	Kra.	P_{EZ}	$21^h 17^m 26^s.5$					Chariny
✓		i_{NEZ}	34					Nicobary, Δ =74°;
		PcP_{NEZ}	39					7½°N, 94½°E
		$_{NZ}$	50.5					H=21 05 45
4	Kra.	$_{NEZ}$	21 37 00					Chariny
✓		i_{NE}, $_Z$	09					
		i_{NEZ}	13					
		i_{NE}	23					
5	Rac.	P_Z	11 34 08.5					SK-58; ślady
✓		$_Z$	26					Nepal, Δ =51°
		F	36					USCGS: 29°N, 81°E
								H=11 25 00
5	Kra.	P_Z	14 03 14					SK-58
✓		$_{NE}$	22					Golicyn-Wilip
		$_{NE}$	04 24					Halmahera, Δ =101.5°;
		$_{NE}$	06 34					USCGS: 1°N, 129°E,
		$_{NE}$	07 14					H=13 49 16
		$_{NE}$	53					M=6¾ /Pasadena/
		PPP_{NE}	09 39					
		$_{NE}$	14 36					
		i_E	51	ca 8		+0.6		
		i_N	53	ca 8	+2.3			
		L_N	36.5					
		M_E	42 45	16		4.9		
		M_N	57	19	23			
		M_N	52 17	17	13			
		M_E	47	17		6		
		F	16 30					
	Rac.	$_E$	14 06 16					SK-58; Δ =102.5°
✓		$_N$	16.5					
		$_Z$	36.5					
		$_E$	08 14.5					

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III - 1960

Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
5 /d.c./	Rac.	e_N	$14^h 09^m 07^s.5$					
		e_N	08.5					
		e_Z	09.5					
		e_E	14					
		e_Z	10 06.5					
		F	18					
	War.	e_Z	14 07 34					$\Delta=100^o$ Mikrosejsmy
		e_Z	09 49					
		e_N	11 45					
		$eSKS_{AE}$	13 48					
		$eSKS_{AZ}$	/50/					
		e_E	14 29					
		eS_N	35					
		SKS_{DN}	43					
		$e/SKS_D/_E$	50					
		ePS_N	15 12					
		$ePPS_Z$	16 50					
		e_E	18 15					
		e_E	19 16					
		e_E	21 21					
		eL_{NE}	37					
		eL_Z	39					
		M_N	48 18	18	29			
		M_E	28	18		40		
		M_N	52 09	18	30			
		F	16 00					
	Cho.	L_E	14 17.5					
		M_E	49.6	20		18		
		M_N	52.8	18	12			
		F	15 15					
5	Cho.	ei_{NE}, i_Z	20 28 12.3			-	-	Willmore Górny Śląsk
		i_{NEZ}	13.1					

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N A_E A_Z [μ μ μ]	Uwagi
5 /d.c./	Cho.	M_{NEZ}	$20^h 28^m 15^s$	0.5	2.1 1.8 0.9	
		F	37			
	Kra.	e_{EZ}	20 28 24			SK-58; ślady
		e_{EZ}	33			
		e_{EZ}	36.5			
6	War.	eL_E	03 12			Mikrosejsmy
		eL_N	13			
		F	51			
6	War.	eL_{NE}	05 01			Mikrosejsmy
		eL_Z	03			
		F	23			
6	Cho.	i_{NEZ}	12 38 18.7		- -	Willmore Górny Śląsk
		e_Z	20.8			
		e_Z	24.7			
		M_Z	28	0.8	0.8	
		F	53			
	Kra.	e_{NEZ}	12 38 34.1			SK-58
		ei_{NEZ}	36.1			
		e_{NE}	53.6			
6	Kra.	e_{EZ}	16 41 08.7			SK-58
		e_{NE}	13.7			
		e_E	19.7			
		e_E	23.7			
		e_{NEZ}	28.7			
6	Cho.	i_{NEZ}	17 07 12.2		-	Willmore Górny Śląsk
		M_{NEZ}	14	0.8	2.1 1.7 2.2	
		F	38			

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
6	Kra.	e_E	$17^h 07^m 34^s$					SK-58; ślady
		e_E	47					
8	Rac.	e_N	16 52 20					SK-58
		$eiPKP_Z$	32.5					Nowe Hebrydy,
		$ePKP_N$	34					$\Delta = 139^0$; USCGS:
		$ePKP_E$	34.5					$16\frac{1}{2}^0$S, $168\frac{1}{2}^0$E
		i_Z	40.5	2.5		7.4		H=16m33m38s
		i_N	41.5	2.0	4.2			h=250km;
		ei_Z	53 22					M=7-7¼ /Pasadena/
		i_N	30.5					
		i_E	33					
		e_E	57.5					
		e_Z	54 19					
		i_N	22					
		i_N, e_E	57 52					
		$eiPPP_N$	58 36.5					
		F	17 17					
8	War.	$ePKP_Z$	16 52 28					$\Delta = 136^0$
		$ePKP_E$	30					
		i_Z	39	4		-28		
		e_E	40					
		e_E	53 00					
		e_Z	43					
		e_E	54 02					
		$eiPP_Z$	55 19					
		i_Z	28	4		-15.5		
		i_Z	32.5	4		-11		
		i_Z	49	6		+26		
		$ePKS_E$	56 12					
		e_E	57 26					
		e_Z	27					
		e_E, i_Z	43					
		ei_Z	51.5					

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
8 /d.c./	War.	eL_{EZ}	17^h06^m					
		F	18 20					
	Kra.	$eiPKP_{NE}$	16 52 31	ca 2.5	-0.7	-0.9		
		i_{NE}	40	3.5;2.5	+11	0.6		
		i_{NE}	53 10	3	+	-		
		ei_N, e_E	54 41					
		e_N, ei_E	55 12					
		iPP_{NE}	32	3	1.4	1.5		
		i_{NE}	44	4;3.5	+1.1	+1.4		
		$iPKS_E$	56 13	5.5		+2.5		
		$iPKS_N$	15	5.5	-9.5			
		e_{NE}	17 14 54	10	2.0	2.3		
		eL_{NE}	35					
		M_{NE}	51 19	25;20	12	2.6		
		F	18 20					
8	Cho.	$ePKP_{NZ}$	16 52 32					$\Delta=138^\circ$
		e_{NEZ}	38					
		ePP_{NZ}	55 32					
		ePP_E	33					
		e_Z	51					
		e_E	56 14					
		i_N	15					
		F	17 45					
10	Rac.	NEZ	00 12-16					SK-58; ślady
10	Kra.	$ePKP_{NE}$	14 04 00					Rejon Wysp Samoa, $\Delta=143^\circ$; USCGS: $15^\circ S_{,}\ 174^\circ W$ $H=13^h44^m25^s$
		e_{NE}	14					
		e_{NE}	05 46					
		$ePKS_{NE}$	07 37					
	Rac.	$ePKP_E$	14 04 01.5					SK-58; $\Delta=143.5^\circ$ Skł.Z nie rejestrowała
		$ePKP_N$	02.5					
		e_N	20					

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
10	Kra.	eP_{NE}	$14^h 44^m 14^s$					SK-58; Kuryle, Δ=74.5°; USCGS: 47°N, 152°E H=14 32 39 h=100km
		e_E	18					
		$ePcP_{NE}$	40					
	Rac.	eP_E	14 44 17					SK-58; Δ=75°
		eP_N	19					
		F	47					
11	Rac.	e_E	14 00 00					SK-58; ślady
		e_Z	00.6					
		F	03					
	Kra.	e_Z	14 00 03.7					SK-58; ślady
		e_{EZ}	20.7					
		ei_E, e_Z	24.2					
12	Kra.	e_{EZ}	03 44 29.2					Chariny
		ei_{NEZ}	39.7					
		ei_{NEZ}	42.2					
		e_{NEZ}	51.2					
	Rac.	e_Z	03 44 50					SK-58
		F	47					
12	Cho.	e_Z	07 53 29.3				+	Willmore Górny Śląsk
		i_Z	32.1					
		i_Z	35.9					
		M_Z	38	1.0			3.9	
		F	54 10					
	Kra.	$ei/P/_{NEZ}$	07 53 41.4					SK-58
		e_{NEZ}	44.9					
		ei_{EZ}	51.4					
		e_{NEZ}	54 10.4					
		e_{NEZ}	16.4					

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
12	Kra.	$eiPn_N$	$11^h 56^m 03^s$					S Jugosławia
		$eiPPP_{NE}$	16					$\Delta = 8.1^\circ$; USCGS:
		ePg_{NE}	36					$42^\circ N, 21^\circ E$
		ei_{NE}	46					$H = 11^h 54^m 00^s$
		e_{NE}	57 05					
		$ei/S/_N, e/S/_E$	43					
		ei_E	47	ca 3			+0.8	
		$eiSS_N$	48	ca 2	-1.1			
		$eiSSS_{NE}$	56					
		ei_{NE}	58 16					
		M_E	59 04	ca 12			>36	
		F	12.50					
	Rac.	ePn_Z	11 56 06.4					SK-58; $\Delta = 8.3^\circ$
		e_Z	09.4					
		e_N	09.6					
		ePP_E	11.3					
		$ePPP_E$	16.2					
		$eiPPP_N$	18.6					
		ei_E	57.1					
		ei_N	58.6					
		eSn_Z	57 39.6					
		$eiSS_E$	51.6					
		iSg_N	58 33.6					
		i_E	41.0					
		i_N	59 04 6					
		e_Z	07.4					
		i_E	08.1					
		ei_Z	27.2					
		i_N	42.6					
		i_E	59.6					
		i_N	12 00 25.0					
		i_N	01 11.2					
		i_N	02 15.5					
		i_E	24.1					
		e_Z	03 07.6					
		P	17					

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
12	Cho.	ePP_{NEZ}	$11^h 56^m 17^s$					Δ=8.4°
		e_Z	30					
		eSS_N	57 57					
		$eSSS_Z$	58 09					
		e_E	22					
		i_E	59 10					
		M_{NZ}	12 00	8	15		12	
		F	15					
	War.	eP_N	11 56 41					Δ=10.4°
		eiP_Z	43					
		e_N	56.5					
		eS_Z	58 33					
		eS_E	39					
		iSS_N	47					
		eSS_N	50					
		eSS_E	51					
		e_N	59 18					
		e_N	33					
		e_E	36					
		e_N	43					
		e_E	12 00 05					
		e_E	14					
		i_N	01 32.5					
		i_N	35	11	135			
		e_Z	49	8			84	
		eI_N	02					
		F	13 00					
12	Rac.	e_{EZ}	14 34 42					SK-58; ślady
		F	39					
12	Cho.	e_{NEZ}	16 57 28.8				-	Górny Śląsk
		e_Z	30.4					
		i_E	31.8					
		M_Z	34	1.1			2.5	

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N A_E A_Z [μ μ μ]	Uwagi
12	Rac.	e_E	$16^h 57^m 35^s.7$			SK-58
		e_Z	37.2			
		e_N	43.5			
		e_E	58 10.3			
		e_Z	16.7			
		F	17 01			
	Kra.	e_{NEZ}	16 57 41.7			SK-58
		e_E	47.7			
		e_{EZ}	54.7			
		e_{NEZ}	58 10.7			
		e_{EZ}	17.7			
12	Rac.	$ePKP_E$	20 49 28.5			SK-58; ślady Nowa Brytania, Δ=121.5°; USCGS: 6°S, 152°E, H=20 30 39; M=6½ /Pasadema/
		e_Z	40			
		F	55			
	War.	PKP_Z	20 49 31			Δ=119°
		e_Z	50 35			
		ePP_N	56			
		ePP_E, $eiPP_Z$	59			
		ei_Z	52 19			
		$ePPP_E$	53 25			
		$eSKS_E$	56 33			
		ePS_E	21 00 38			
		$ePPS_E$	02 07			
		e_E	06 51			
		eL_E	20			
		F	22 04			
	Kra.	ePP_N, $eiPP_E$	20 51 06			Δ=120.5°
		e_{NE}	58			
		e_{NE}	57 42			
		e_{NE}	21 00 54			
		eL_N	27			
		M_N	34 12	20	3.5	
		M_E	21	20	1.7	

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
12	Rac.	e_E	$23^h 42^m 06^s.5$					SK-58
		e_Z	07.4					
		N	23 42-45					Ślady
	Kra.	e_{NZ}	23 42 43.5					SK-58; ślady
		e_{NEZ}	55					
		e_{NEZ}	43 22					
13	Kra.	e_{EZ}	06 17 15.3					Chariny; ślady
		e_{NEZ}	27.3					
		e_{NEZ}	40.3					
14	Kra.	eP_N, eiP_{EZ}	01 04 43					Chariny; Japonia, $\Delta = 75^\circ$; USCGS: $42\frac{1}{2}^\circ N$, $143^\circ E$ $H = 00^h 52^m 57^s$
		e_{NEZ}	49					
		e_{NEZ}	05 13					
	Rac.	eP_Z	01 04 48					SK-58; ślady $\Delta = 75.5^\circ$
		F	07					
14	Kra.	ei_{NE}, e_Z	11 53 16.7					Chariny
		e_{NEZ}	20					
		e_{NEZ}	26.7					
14	Kra.	e_{NE}	16 33 52.5					Chariny; ślady
		e_{NE}	58.5					
		e_{NE}	34 10.5					
		e_{NE}	18.5					
15	Kra.	eP_{EZ}	09 33 02					SK-58; ślady W-y Andrejanowa, $\Delta = 78^\circ$; USCGS: $51^\circ N$, $174\frac{1}{2}^\circ W$ $H = 09^h 20^m 56^s$
		$ePcP_{EZ}$	11					
		e_{EZ}	15					
15	Rac.	NEZ	10 28-32					SK-58; ślady
16	Kra.	e_{NEZ}	14 57 04					SK-58
		e_{NZ}, ei_E	12.5					
		e_{NEZ}	16					
		e_N, ei_E	28.5					

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
			h m s					
16	War.	NEZ	17 58-18 07					Ślady Rejon Wysp Samoa, Δ=142°; USCGS: 15½°S, 173½°W, H=17 39 16
		eL_N	18 56					
		eL_E	19 00					
		F	08					
	Kra.	$ePKP_{NE}$	17 58 53					Δ=143.5°
		e_{NE}	18 01 58					
		M_E	59 06	20		1.3		
		M_N	31	20	2.4			
	Rac.	$ePKP_Z$	17 58 55.5					SK-58; ślady Δ=144°
		F	18 04					
17	Kra.	$ei/P/_{NEZ}$	03 05 29.4					Chariny
		ei_{NEZ}	35.4					
		ei_N, e_{EZ}	39.4					
		ei_{NEZ}	40.9					
		e_{NEZ}	45.9					
18	Cho.	i_{EZ}	05 57 17.2				-	Willmore Górny Śląsk Skł. N nie rejestro-
		e_Z	18.2					
		M_Z	22	0.6			1.0	waża
		F	40					
	Kra.	e_{NEZ}	05 57 30.6					SK-58
		ei_{NEZ}	41.6					
		e_{NEZ}	46.6					
		e_{NEZ}	54					
18	War.	E	18 41-46					Ślady
19	Kra.	e_{NEZ}	10 28 05.3					SK-58
		e_{NEZ}	19.8					
		e_{EZ}	28.8					
		e_{NEZ}	40.8					

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
20	Kra.	eP_{NE}	$13^h 48^m 47^s$					Hondo, Japonia,
		eL_{NE}	14 23.5					Δ=77° ; USCGS:
		M_N	26.03	16	1.8			40°N, 143°E
		M_E	22.2	14		1.6		H=13h36m54s
								h=60km
	Rac.	eP_{EZ}	13 48 53.5					SK-58; ślady
		e_Z	49 26					Δ=78°
		e_E	27					
		e_Z	46					
		F	54					
20	War.	eiP_Z	17 19 19	4			+15	Blisko NE wybrzeży
		eP_{NE}	21					Hondo, Japonia,
		$iPcP_Z$	27	6			-76	Δ=75.2°; USCGS:
		$iPcP_{NE}$	29	6	+24			40°N, 143½°E
		i_Z	39	6			59	H=17h07m30s
		i_{NE}	44.5		+			h=60km;
		i_{EZ}	21 47					M=7 /Pasadena/
		$eiPP_N$	22 00					7-7½ /Berkeley/
		i_{EZ}	16	8.5		-	+126	Mikrosejsmy
		PPP_{NZ}	23 44					
		$ei/PPP/_E$	57					
		iS_Z, eiS_E	28 46					
		S_N	48					
		$iSKS_{NE}$	29 04	7;10	+68	+50		
		SKS_Z	09					
		iPS_E	18					
		iPS_{NZ}	21					
		PPS_Z	38					
		i_E	59					
		i_{NZ}	30 10					
		i_{NZ}	32 31					
		iSS_{NE}	33 42					
		SSS_E	36 40					
		$eiSSS_Z$	46					
		eL_N	38					

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
20 /d.c./	War.	eL_Z	$17^h 41^m$ s	16				
		eL_E	42					
		M_E	50 16	18		310		
		M_N	46	18	175			
		M_Z	52 41	22			345	
		M_Z	56.8	16			190	
		M_N	18 00 00	13	140			
		M_E	01 20	13		200		
		F	21 30					
	Kra.	eiP_{NE}	17 19 26	ca 4	+1.1	+0.5		Δ=77.5°
		$iPcP_{NE}$	33					
		iPP_{NE}	22 25					
		e_{NE}	23 21					
		$iPPP_{NE}$	24 13					
		ei_{NE}	27 17					
		iS_{NE}	29 22	12;9	17	12		
		M_{NE}	56.7					
		F	21 40					
	Cho.	eP_Z	17 19 29					Δ=77.4°
		e_{NE}	33					
		e_Z	50					
		e_{NE}	57					
		e_E	20 40					
		e_Z	22 20					
		e_{NE}	48					
		e_E	29 17					
		e_N	21					
		i_{NE}	48					
		eLQ_{NE}	34					
		LR_{NE}	46.5					
		M_{NEZ}	52.4	20	270	155	100	
		M_{NEZ}	56.6	18	770	480	830	
		M_{NEZ}	59.7	15	290	240	300	
		F	19 15					

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
20	Rac.	eP_Z	$17^h 19^m 30^s$					SK-58; Δ=78°
		eP_{NE}	31.5					
		i_Z	34					
		ei_E	34.5					
		ei_N	35.5					
		$eiPeP_E$	50					
		i_N	56					
		i_E	57					
		i_Z	20 10					
		ei_Z	23.5					
		ei_Z	35					
		i_E	37					
		i_N	57.5					
		e_E	21 52.5					
		e_Z	22 02.5					
		i_N	21					
		ei_E	23 14					
		e_Z	24 02.5					
		ei_E	25 14					
		e_Z	19.5					
		ScS_E	29 52.5					
		ScS_N	54					
		ScS_Z	55.5					
		iPS_E	30 10.5					
		i_N	38.5					
		e_N	31 15.5					
		ei_E	21					
		eL_{NE}	49					
		eL_Z	50					
		M_Z	56.5	20			1115	
		M_{NEZ}	57	17;17;19	833	771	312	
		M_N	58	14	583			
		M_N	18 05.5	14	500			
		F	18					
21	Rac.	Z	00 13-16					SK-58; ślady Japonia

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Data	Obserw.	Faza	G.	M.	T.	Okres T sek.	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
21	War.	ePcP$_Z$	00^h	46^m	45^s					Hondo, Japonia
	✓	eL$_{NE}$	01	15						$\Delta = 75^0$; USCGS:
		eL$_Z$		21						$39\frac{1}{2}^0$ N, 143^0 E
		M$_N$		22	40	13	9.5			H=$00^h 34^m 50^s$.
		M$_E$			52	15		17		Mikrosejsmy
		F		51						
	Kra.	eP$_{NE}$	00	46	50					$\Delta = 77.2^0$
	✓	eiPP$_{NE}$		49	58					
		eS$_{NE}$		56	40					
		eL$_N$	01	16						
		eL$_E$		18						
		M$_{NE}$		24	27	17	11	3.9		
	Rac.	eP$_Z$	00	46	54					SK-58; $\Delta = 78^0$
	✓	e$_{NE}$			55					
		ePcP$_Z$		47	06					
		F		53						
21	Rac.	e$_Z$	02	09	24					SK-58; ślady
	X	F		12						
21	Cho.	e$_N$, i$_{EZ}$	04	08	37.7			+	+	Willmore
	X	i$_{EZ}$			40.1					Górny Śląsk
	X	M$_{NEZ}$			47	1.0	4.2	3.7	3.2	
		F		09	30					
	Rac.	e$_Z$	04	08	41.1					SK-58
	X	e$_E$			43.8					
	X	e$_N$			48.3					
	X	e$_N$			52.3					
	X	e$_E$			55.1					
	X	e$_N$			58.0					
	X	e$_E$		09	04.1					
	X	e$_Z$			05.8					
	X	e$_Z$			36.6					
		F		12						

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
21	Kra.	ei/P/$_{NEZ}$	$04^h 08^m 49^s.7$					SK-58
		e_Z	09 00.2					
		ei_E	00.7					
		i_{NZ}	01.7					
		ei_{NEZ}	08.7					
		e_{NEZ}	20.7					
21	Kra.	eP_{NE}	09 30 21					Hondo, Japonia,
		$eiPcP_{NE}$	28					$\Delta = 77^\circ$; USCGS:
		e_{NE}	31 49					$40^\circ N$, $143^\circ E$
		eS_{NE}	40 19					$H = 09^h 18^m 22^s$
		eL_{NE}	10 00.5					
		M_{NE}	08 02	18;16	8.0	3.0		
	Rac.	eP_Z	09 30 25					SK-58; $\Delta = 77.5^\circ$
		eP_N	26					
		eP_E	27					
		e_{NEZ}	57					
		F	39					
	War.	eL_{NE}	10 01					Mikrosejsmy
		eL_Z	05					
		F	54					
21	Rac.	$ePKP_{1NEZ}$	11 59 57					SK-58; ślady
								Rejon Samoa, $\Delta = 145\frac{1}{2}^\circ$,
								USCGS: $6\frac{1}{2}^\circ S$, $172\frac{1}{2}^\circ W$
								$H = 11^h 40^m 15^s$
21	Rac.	Z	17 55-57					SK-58; ślady
21	Rac.	e_Z	18 04 28					SK-58
		e_E	33					
		e_N	38					
		e_N	56					
		e_E	05 03					
		e_Z	13					
		e_N	15					
		e_E	31					

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
21	Kra.	e_{NEZ}	$23^h 32^m 43^s$					Chariny
		$ei_{N,e_{EZ}}$	49.6					
		e_{NE,ei_Z}	56.6					
22	Kra.	e_{NEZ}	14 18 21.3					Chariny
		ei_{NEZ}	23.3					
		ei_{NEZ}	35.3					
22	Kra.	$i/P/_{NEZ}$	16 48 05.7					Chariny
		ei_{NEZ}	15.4					
		ei_{NEZ}	23					
23	Cho.	$e/P/_N$	00 35 15					Na E od wybrzeży Hondo, Japonia Δ=77.7°; USCGS: 39½°N, 143°E H=00h23m22s; M=6½-6¾ /Pasadena/
		$e/P/_E$	17					
		e_Z	24					
		$ePcP_Z$	37					
		e_N	36 00					
		e_Z	03					
		ePP_E	38 19					
		e_E	39 18					
		e_E	42 30					
		$e/SKS/_N$	45 24					
		M_E	01.02.5	17		44		
		M_E	06.4	15		57		
		M_{NE}	10.7	15	40	48		
		M_{NE}	12.8	18;16	110	37		
		M_N	13.7	14	55			
		F	02 15					
	Kra.	eiP_{NE}	00 35 22.5					Δ=77.2°
		$iPcP_{NE}$	32	ca 5	+0.6	+0.5		
		$eiPP_{NE}$	38 18	ca 4	-0.9			
		ei_{NE}	40 19	ca 7	-1.5	-1.7		
		$ei/S/_{NE}$	45 20	ca 7	+1.1	+0.7		
		SKS_E	31	ca 10		3.5		
		SKS_N	34	ca 10	4.7			
		$eiPPS_{NE}$	46 08	ca 8	+2.3	-2.9		
		M_{NE}	01 13 13	16	79	57		

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N A_E A_Z [μ μ μ]	Uwagi
23	War.	$iPcP_Z$	$00^h35^m23^s.5$			$\Delta=75.5^\circ$ Silne mikrosejsmy
		$ePcP_{NE}$	25			
		e_N, i_Z	48			
		e_Z	36 36			
		ei_N	38			
		ePP_N	37 53			
		i_Z	38 14			
		e_N	18			
		$ePPP_N$	39 39			
		$ePPP_Z$	43			
		i_Z	41 18.5			
		eS_Z	44 33			
		eS_E	35			
		eS_N	38			
		$eiSKS_N$	59			
		$eSKS_{EZ}$	45 05			
		ePS_N	15			
		i_Z	46 29			
		ei_{NE}	31			
		$eiSS_N$	49 28			
		i_N	52.25			
		$eiSSS_E$	44			
		eL_E	59			
		eL_N	01 01			
		eL_Z	02.5			
		M_{NE}	06 53	19;16	56 45	
		M_E	11 38	20	195	
		M_{NZ}	58	1[illegible];18	70 103	
		F	03 25			
Rac.		eP_Z	00 35 26.5			$\Delta=78^\circ$
		eP_N	30.5			
		$i/PcP/_Z$	43			
		e_N	36 12			
		e_N	37 52.5			
		ei_N	39 10.5			
		ei_Z	39			

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N A_E A_Z [μ μ μ]	Uwagi
23 /d.c./	Rac. ✓	e_N	$00^h 39^m 39^s.5$			
		eiS_N	45 26			
		$eiScS_N$	41			
		eL_{NZ}	01 04			
		M_N	14.2	14	88	
		M_N	17	12	54	
		F	52			
23	Kra. ✓	iP_{NEZ}	01 19 16	ca 1	+0.3 -1.2 -0.5	Chariny; Hondo Japonia, Δ=77.3° USCGS: 39½°N, 143°E H=01h 07m 15s
		ei_{NZ}, e_E	44			
23	Kra. ✓	e_{NEZ}	02 03 40			Chariny; ślady
		e_{NEZ}	49			
		e_{NEZ}	04 18			
23	Kra. ✓	e_{NEZ}	02 21 08.4			Chariny
		e_{NEZ}	18			
		e_{NEZ}	46			
23	Rac. ✓	eP_Z	08 58 46			SK-58; ślady Hondo, Japonia Δ=77.3°; USCGS: 40°N, 142½°E H=08h 46m 44s
		F	09 02			
	Kra. ✓	$ePcP_{NE}$	08 58 59			Δ=76.5°
		e_{NE}	09 05 44			
		e_{NE}	14 05			
		eL_{NE}	33			
		M_N	35 57	16	2.1	
23	Kra. ✓	eP_{NE}, eiP_Z	10 40 53			Chariny; Hondo, Japonia, Δ=77.3° USCGS: 39½°N, 143°E H=10h 29m 01s h=100km
		e_{NE}, ei_Z	41 03			
		$ePcP_{NE}, eiPcP_Z$	19			
		eL_{NE}	11 15.5			
		M_N	18 27	15	2	

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
23	Rac.	eP_Z	$10^h40^m58^s$					SK-58; ślady $\Delta=78^\circ$
		F	44					
23	Kra.	eiP_{NEZ}	12 03 01					Chariny
		e_{NEZ}	19					Hondo, Japonia, $\Delta=77.5^\circ$; USCGS: $39\frac{1}{2}^\circ N$, $143^\circ E$
		e_{NEZ}	49					$H=11^h51^m00^s$
		eL_N	38					Golicyn-Wilip
		M_N	40 33	ca 16	2			
	Rac.	eP_Z	12 03 05					SK-58; ślady $\Delta=78^\circ$
		F	05					
23	Kra.	eP_{NEZ}	16 13 07.5					Chariny; ślady
		$eIcP_{NEZ}$	16.5					Hondo, Japonia, $\Delta=78^\circ$; USCGS: $39^\circ N$, $144^\circ E$
								$H=16^h01^m13^s$
								h=100km
	Rac.	eP_Z	16 13 12					$\Delta=79^\circ$
		F	15					
23	War.	$e/P/_Z$	22 34 32					Hondo, Japonia, $\Delta=75.5^\circ$; USCGS: $39\frac{1}{2}^\circ N$, $143^\circ E$
		e_E	44 13					$H=22^h22^m36^s$;
		$eSKS_N$	28					M=6 /Pasadena/
		eL_{NE}	23 01					Mikrosejsmy
		eL_Z	08					
		M_{NE}	12 40	14	23	15		
		M_Z	42	14			16	
		F	46					
	Kra.	eiP_{NE}	22 34 38.7	4;4.5	+0.5	-0.5		$\Delta=77.3^\circ$
		e_{NE}	35 50					
		ePP_{NE}	37 24					
		e_{NE}	41 58					
		eS_E	44 27					
		eS_N	30					
		$eSKS_{NE}$	38	8	+1.3	-1.0		

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
23 /d.c./	Kra.	eL_{NE}	23^h05^m s					
		M_E	11 45	12.5		3.2		
		M_N	12 07	14	11.5			
	Rac.	eP_Z	22 34 42					SK-58; $\Delta=78^\circ$
		e_E	45					
		$ePcP_N$	47					
		$ePcP_Z$	54					
		e_N	35 07					
		e_{EZ}	18					
		F	41					
23	Rac.	$e/Pn/_Z$	23 10 42.0				+	SK-58 Alpy Bernneńskie, $\Delta=7.8^\circ$; BCIS: $46^\circ29'N, 8^\circ06^mE$ $H=23^h08^m53^s$
		ePn_{NE}	48.7					
		e_Z	54.1					
		ePP_{NEZ}	11 01.6					
		iP^m_N, eP^m_E	08.8					
		e_{EZ}	20.0					
		ePg_N	30.2					
		ePg_Z	32.4					
		e_N	38.9					
		e_{NZ}	54.6					
		ei_N	12 02.7					
		ei_Z	06.4					
		$eSn_E, eiSn_Z$	20.9					
		$iSSS_Z$	42.0					
		M_{NEZ}	13.4	1.2	17.5	10	8.0	
		M_{NEZ}	13.7	1.5	20.5	12.9	10.2	
		M_{NEZ}	15.2	2.0	9.6	6.2	2.8	
	War.	$ePPP_E$	23 11 34					$\Delta=10.2^\circ$ Nałożone na poprzednie /War./
		eSn_Z	13 19					
		eSS_N	29					
		eS^m_Z	59					
		eS^m_{NE}	14 02					
		$i/Sg/_Z$	15					
		eSg_E	19					
		iSg_w	21					

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N A_E A_Z [μ μ μ]	Uwagi
23	Cho.	e_Z	$23^h 11^m 52^s$			$\Delta = 8.2^\circ$
		e_N	12 00			
		eSn_Z	29			
		e_E	36			
		$e/S^N/_Z$	13 06			
		M_{NE}	13.4	3;2	13 8	
		F	18			
24	Kra.	e_N, ei_{EZ}	22 08 06			Chariny
		e_{NEZ}	20			
		e_{NEZ}	23			
		e_{NEZ}	25			
		e_{NEZ}	34			
26	Kra.	e_{NZ}	17 47 14.7			Chariny
		ei_{NZ}	24.2			
		e_{NZ}	25.7			
		e_{NZ}	32.2			
		e_N	37.2			
	Rac.	e_Z	17 47 29.6			SK-58; ślady
		F	50			
27	War.	ePP_Z	04 10/08/			Nowe Hebrydy, $\Delta = 132^\circ$; USCGS: $13\frac{1}{2}^\circ S$, $166^\circ E$ $H = 03^h 48^m 27^s$
		$ePKS_{AE}$	11 14			
		$eiPKS_{DNZ}$	18			
		e_E	38			
		i_N	39			
	Kra.	e_{NE}	04 10 38			Ślady $\Delta = 134^\circ$
		e_{NE}	22 52			
		eL_N	58			
27	War.	$ePKP_Z$	09 17 17			Nowe Hebrydy, $\Delta = 132.5^\circ$; USCGS: $13\frac{1}{2}^\circ S$, $166\frac{1}{2}^\circ E$ $H = 08^h 57^m 53^s$; $M = 6\frac{1}{2}$ /Berkeley/
		ePP_Z	19 43			
		$iPKS_{DNZ}$	20 46			

Mikrosejsmy

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
27 /d.c./	War.	$ePKS_{DE}$	$09^h 20^m 48^s$					
		e_N	21 27					
		$ePPP_Z$	22 30					
		e_E	32 28					
		eL_E	10 01					
		F	51					
	Kra.	eL_N	10 25					
		M_N	31 01	16	0.2			
27	War.	eL_E	21 09					Ślady
		F	20					
27	Kra.	$ei/P/_{NEZ}$	23 48 37					Chariny
		e_{NE}, ei_Z	41					
		e_{NE}, ei_Z	50					
		e_{NEZ}	49 38					
	Rac.	e_E	23 48 38.3					SK-58; ślady
		e_E	45.4					
		F	51					
28	War.	e_Z	00 31 02					Blisko S wybrzeży Panamy, Δ=92°; USCGS: 7½°N, 82°W H=00h13m38s; M=6½-6¾ /Pasadena/
		e_N	36 33					
		$eSKKS_E$	37 33					
		$e/PS/_E$	39 18					Mikrosejsmy
		eL_E	58	20				
		eL_Z	01 00	16				
		eL_N	01 01					
		F	38					
	Kra.	$eSKKS_{NE}$	00 37 29					Δ=92°
		$e/ScS/_{NE}$	38 02					
		ePS_{NE}	39 09					
		eL_N	55.5					
		eL_E	01 01					
		M_E	04 51	20		4.3		

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N A_E A_Z (μ μ μ)	Uwagi
28	Rac.	e_E	$02^h 55^m 27.^s4$			SK-58
		e_N	30.4			
		e_N	34.4			
		e_E	39.9			
		e_N	41.4			
		e_E	47.9			
		e_E	57.4			
		F	59			
	Kra.	e_{NEZ}	02 56 04			Chariny
		ei_{NZ}, e_E	13			
		ei_{NE}	30			
28	Cho.	i_{NZ}, e_E	03 24 24.9		-	Willmore Górny Śląsk
		i_{NEZ}	26.3			
		i_Z	29.7			
		M_{NEZ}	33	0.6	2.7 2.2 3.5	
		F	55			
	Kra.	e_{NZ}, ei_E	03 24 37.2			Chariny
		e_{NEZ}	39.7			
		e_E, ei_Z	41.7			
		ei_Z	46.7			
		i_{NE}	48.7			
		e_{NZ}, ei_E	50.2			
		ei_{NZ}, e_E	25 04.2			
		e_{EZ}	11.2			
28	War.	e_N	06 58 49			
		e_N	59			
		EZ	06 58-07 00			Ślady
28	War.	e_{NE}	07 05 48			Sejsmiczny ?
28	Rac.	e_Z	12 57 44			SK-58
		NE	12 57-13 00	?		ślady

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
29	War.	e_Z	$06^h 50^m 28^s$					Nowe Hebrydy, $\Delta = 136^\circ$; USCGS: $17^\circ S$, $167^\circ E$
		e_Z	53 19					$H = 06^h 30^m 54^s$
		$ePKS_{DNE}$	57					$M = 6\frac{3}{4}$ /Pasadena/
		$eiPKS_{DZ}$	59					
		$ePPP_N$	56 03					
		$ePPP_Z$	/09/					
		e_Z	07 06 27					
		eL_{NE}	16					
		eL_Z	21					
		M_E	47 42	25		21		
		M_N	47	23	14			
		F	09 04					
	Kra.	$ePKP_{NE}$	06 50 28					$\Delta = 137.5^\circ$
		e_{NE}	58					
		ePP_{NE}	53 15					
		$ei/PKS_D/_{NE}$	54 04	5.5	-0.5	-0.3		
		e_{NE}	56 31					
		eL_N	07 16					
		M_N	40 34	19	6.5			
		M_E	41 27	20		3.5		
		F	09 10					
	Rac.	$ePKP_{NEZ}$	06 50 32					SK-58; $\Delta = 138.5^\circ$
		e_Z	56					
29	Cho.	i_{NEZ}	12 23 04.0		+	+	- - -	Willmore Górny Śląsk
		i_N	04.6					
		i_{EZ}	05.2					
		M_{NEZ}	07	0.8	7.5	5.5	5.2	
		F	53					
	Kra.	$ei/P/_{NZ}$	12 23 15.5					Chariny
		ei_{NZ}	25					
		ei_{NZ}	29.5					
		ei_{NZ}	35.5					

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Zakład Geofizyki Polskiej Akademii Nauk

Obserwatorium Sejsmologiczne w Warszawie

WARSZAWA /War. φ = 52°14' 30" N, λ = 21°01' 25" E, h = 119 m/

Golicyn-Wilip	N	E	Z
T_1	11,64 sek	11,10 sek	7,42 sek
T_2	11,50 sek	11,57 sek	11,36 sek
μ^2	-0,303	+0,077	+0,044
K	43,5	49,5	98,3
l_o	11,527 cm	11,357 cm	14,9 cm
A	100 cm	100, cm	102 cm
Vo	1381,9	1601,1	2434,3
R	30 mm/min	30 mm/min	30 mm/min

Stałe:

T_1 - okres sejsmografu

T_2 - okres galwanometru

μ^2 - stała tłumienia sejsmografu

K - współczynnik przejścia

l_o - długość zredukowana wahadła

A - odległość od zwierciadła galwanometru do bębna rejestrującego

V_o - powiększenie statyczne

R - prędkość rejestracji

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N A_E A_Z [μ μ μ]	Uwagi
1	Rac.	ePKP$_{2Z}$	03^{h}13^{m}48^s			SK-58; rejon Fidżi Δ=148°; USCGS: 22°S, 179½°W H=02^{h}55^{m}04^s h=650km
		F	15			
1	Kra.	e$_E$	14 29 34			Rejon W.Vancouver /USCGS/
		e$_{NE}$	44			
		e$_{NE}$	35 12			
		e$_{NE}$	55 42			
	War.	eL$_{NE}$	14 50			Ślady
		eL$_Z$	51			
		F	15 21			
2	Rac.	Z	22 41-44			SK-58; ślady
	War.	e$_N$	22 43 25.5			W Iran, Δ=26°; USCGS: 36°N, 50°E H=22^{h}36^{m}08^s
		ePcP$_E$	45/09/			
		eS$_E$	46 23.5			
		eL$_Z$	49			
		eL$_{NE}$	51			
		F	23 09			
2	War.	eL$_Z$	23 48			Na S od Jawy /USCGS/
		eL$_{NE}$	49			
		F	24 03			
3	Rac.	Z	09 00-02			SK-58; ślady
3	Rac.	e$_Z$	09 20 26			SK 58, ślady
		F	22			
3	Kra.	ei$_{NZ}$	10 00 20.5			Chariny
		e$_{NZ}$	23.5			
		e$_{NZ}$	46.5			
4	Kra.	ei$_{NZ}$	13 59 56.7			Chariny
		e$_{NZ}$	59.2			
		e$_{NZ}$	14 00 00.7			

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N μ	A_E μ	A_Z μ	U w a g i
5	Rac.	e_Z	$04^h29^m17^s$					SK-58; ślady
		F	31					
5	Rac.	e_Z	10 38 56					SK-58
		e_Z	39 00					
		F	39.5					
5	Rac.	e_Z	10 52 44					SK-58
		e_Z	50					
		e_Z	55					
		F	53					
5	Rac.	$e/PP/_Z$	17 29 43					SK-58; ślady N Atlantyk, Δ=18°; USCGS: 65°N, 2°W H=$17^h25^m19^s$
		F	31					
	Kra.	eP_{NZ}	17 29 46.5					Chariny; Δ=18.8°
		e_{NZ}	55.5					
		ePP_{NZ}	59.5					
		$ePPP_{NZ}$	30 14.5					
7	Cho.	ei_E, i_Z	13 39 57.1			+	-	Willmore Górny Śląsk Skł.N nie rejestro- wała
		i_Z	58.5					
		e_Z	59.6					
		F	40 25					
	Kra.	e_{NZ}	13 40 19.3					Chariny
		e_{NZ}	31.8					
		e_{NZ}	41.3					
	Rac.	e_Z	13 40 34					SK-58
		e_Z	41 08					
		F	43					
7	Cho.	e_Z	13 54 33.1					Willmore Górny Śląsk Skł.N nie rejestro- wała
		e_Z	35.5					
		i_E	35.9					
		F	55 05					

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N A_E A_Z [μ μ μ]	Uwagi
7	Kra.	e_{NZ}	$13^h 54^m 39^s.8$			Chariny Górny Śląsk
		e_{NZ}	44.3			
		e_{NZ}	48.3			
		e_{NZ}	55.3			
		e_{NZ}	55 04.3			
		e_{NZ}	13.3			
	Rac.	e_Z	13 55 06			SK-58
		e_Z	16			
		e_Z	21			
		F	57			
7	Kra.	$eiPKP_{1NZ}$	14 06 20			Chariny Rejon Fidżi, $\Delta=150^\circ$; USCGS: $24^\circ S$, $179\frac{1}{2}^\circ W$, $H=13^h 47^m 28^s$ $h=500km$; $M=6$ /Berkeley/
		e_{NZ}	/28/			
		$ePKP_{2NZ}$	32			
		e_{NZ}	49			
		e_{NZ}	07 15			
	Rac.	$eiPKP_{1Z}$	14 06 27.5	1	-0.7	SK-58; $\Delta=151^\circ$
		$iPKP_{1N}$, $ePKP_{1E}$	28			
		$ePKP_{2N}$	36			
		$iPKP_{2Z}$	37	1	+0.4	
		e_N	45			
		F	12			
7	War.	ei_Z	22 00 05.5	15.5	+17	Mikrosejsmy
8	Kra.	$ePKP_{1Z}$	00 15 19			SK-58 Tonga, $\Delta=148^\circ$; USCGS: $21^\circ S$, $177^\circ W$ $H=23^h 55^m 54^s$ $h=200km$
		$iPKP_{2Z}$, $ePKP_{2NE}$	23			
		e_{NEZ}	28			
		e_{NEZ}	40			
		e_{NEZ}	57			
		$epPKP_{NZ}$	16 08			
	Rac.	$ePKP_{1Z}$	00 15 20			SK-58; $\Delta=148.5$
		$eiPKP_{2NZ}$	24	1.5	-1.1	
		$ePKP_{2E}$	26			
		ei_Z	29			

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N A_E A_Z [μ μ μ]			Uwagi
8 /d.c./	Rac.	ei_{NE}	$00^h15^m32^s$					
		e_Z	42					
		e_{EZ}	51					
		$ipPKP_E$	16 04.5					
		$ipPKP_N$	07.5					
		e_Z	11					
		e_E	14					
		ei_Z	18					
		F	21					
	Cho.	$ePKP_{2Z}$	00 15 23				-	$\Delta=148^o$
		e_Z	29					
		e_Z	42					
		F	17					
8	Rac.	e_Z	18 15 02				+	SK-58
		F	16					
8	Cho.	i_{EZ}	20 51 07.5				-	Willmore
		M_{EZ}	11	0.5	4.5	4.2		Górny Śląsk
		F	40					Skł.N nie rejestrowała
	Kra.	e_{NEZ}	20 51 19.3					SK-58
		ei_{NEZ}	29.8					
		e_{NEZ}	35.3					
		e_{NEZ}	44.8					
		e_{NEZ}	54.8					
10	War.	e_Z	00 16 30					Japonia /Moskwa/
		e_Z	44					
		eL_{NE}	49					
		eL_Z	53					
		F	01 07					
	Kra.	e_{NE}	00 51 59.7					
		eL_{NE}	54					
		F	01 00					

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Data	Obserw.	Faza	G. M. T.	Okres Tsek.	Amplituda A_N μ	A_E μ	A_Z μ	U w a g i
10	Cho.	e_{EZ}	$05^h 33^m 20^s.0$			+	-	Willmore Górny Śląsk Skł. N nie rejestrowała
		e_Z	23.2					
		i_Z	25.4					
		i_E	26.3					
		M_E	31	1.0		1.2		
		F	52					
	Kra.	e_{NEZ}	05 33 27.4					Chariny
		e_{NEZ}	30.4					
		e_{NEZ}	34.9					
		e_{NEZ}	41.4					
		e_{NEZ}	47.4					
10	Kra.	eiP_{NEZ}	20 38 09					Chariny W-y Fox, Aleuty, $\Delta=77^\circ$; USCGS: $53^\circ N, 167\frac{1}{2}^\circ W$ $H=20^h 26^m 12^s$
		e_{NEZ}	11					
		$ePcP_{NEZ}$	18.5					
		e_{NEZ}	54.5					
		e_{NEZ}	39 17.5					
	Rac.	eP_Z	20 38 10					SK-58; $\Delta=77^\circ$
		eP_{NE}	11					
		$ePcP_Z$	18					
		F	42					
10	Rac.	NEZ	22 08-16					SK-58; ślady Turcja /Moskwa/
	Kra.	e_{NEZ}	22 08 41.5					Chariny
		e_{NEZ}	51.5					
		e_{NEZ}	09 34					
	War.	e_E	22 09 43					
		e_E	10 01					
		e_N	48					
		e_Z	11 09.5					
		eL_{NE}	13					
		eL_Z	14					
		F	31					

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N A_E A_Z [μ μ μ]	Uwagi
10	Rac.	e_Z	$22^h40^m26^s$			SK-58
		e_{NEZ}	42			
		F	43			
	Kra.	e_{NEZ}	22 40 40.5			Chariny
		e_{NEZ}	49.5			
		e_{NEZ}	58			
12	Rac.	EZ	04 26-33			SK-58; ślady M.Śródziemne /Moskwa/
	War.	eL_{NE}	04 30			
		eL_Z	31			
		M_N	33 50	7	3.4	
		F	40			
13	Kra.	e_{NEZ}	03 48 36.5			Chariny
		ei_{NEZ}	48.0			
13	War.	e_N	08 29 23			Chiny /Moskwa/ Silne mikrosejsmy
		e_N	30 31			
		e_N	31 40			
		eL_{NE}	32			
		M_{NE}	36 26	8	3.4 4.5	
		eL_Z	37			
		F	09 00			
	Kra.	e_{NE}	08 32 37			
		e_{NE}	33 04			
		e_{NE}	34 04			
		eL_{NE}	30			
		M_N	39 22	10	2.3	
		F	43			
13	Cho.	i_{NEZ}	10 17 44.1		- -	Willmore Górny Śląsk
		i_Z	44.7			
		M_{EZ}	46	0.7	10.8 12.0	
		F	18 35			

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N A_E A_Z [μ μ μ]	Uwagi
13	Rac.	e_Z	$10^h 17^m 55^s$			Górny Śląsk
		e_Z	18 13			
		e_Z	43			
		F	21			
	Kra.	e_{NEZ}	10 17 57.0			SK-58
		ei_{NEZ}	18 06.5			
		e_{NEZ}	08.5			
		e_{NEZ}	12.0			
		e_{NEZ}	21.5			
13	War.	NEZ	13 31-44			Ślady; Aleuty /USCGS/
13	Kra.	i_{NEZ}	16 14 24			SK-58
		e_{NEZ}	30			
		e_{NEZ}	31.5			
		e_{NEZ}	41			
		e_{NEZ}	44.5			
14	Cho.	i_{NEZ}	20 46 11.9		/+/ +	Willmore Górny Śląsk
		ei_Z	13.5			
		F	45			
	Kra.	e_{NEZ}	20 46 24.3			SK-58
		e_{NEZ}	30.8			
		e_{NEZ}	34.8			
		e_{NEZ}	39.8			
		e_{NEZ}	47 09.8			
	Rac.	e_E	20 46 30			SK-58
		e_N	34			
		e_{EZ}	40			
		F	50			
15	Rac.	Z	02 49-52			SK-58; ślady
15	Kra.	iP_Z, eP_{NE}	11 50 38			SK-58 Hondo, Japonia, $\Delta = 76.3^\circ$; USCGS: $40\frac{1}{2}^\circ N, 142^\circ E$ $H = 11^h 39^m 01^s$ $h = 150 km$
		e_{NEZ}	39			
		e_{NEZ}	42			

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
15 /d.c./	Kra. ✓	$ePcP_{NEZ}$	$11^h50^m51^s$					
		e_{NEZ}	51 00					
		epP_{NEZ}	10					
		e_{NEZ}	16					
		e_{NEZ}	45					
		e_{NEZ}	52 11					
	Rac. ✓	eP_{NEZ}	11 50 43	1.6			+1.4	$\Delta=77^\circ$
		$ePcP_Z$	53					
		$e/pP/_{EZ}$	51 01					
		e_N	47					
		e_N	52 07					
		F	56					
15	Kra.	e_{NE}	12 20 38					
		e_{NE}	54					
		eL_{NE}	22,5					
15	Rac.	Z	18 52-54					SK-58; ślady
15 ✓	Rac.	Z	22 24-32					SK-58; ślady
	War. ✓	$ePKP_Z$	22 24 35					Nowe Hebrydy, $\Delta=132.5^\circ$; USCGS: $13\frac{1}{2}^\circ S, 166^\circ E$ $H=22^h05^m16^s$; $M=6\frac{1}{2}$ /Pasadena/
		ePP_E	27 01					
		e_E	29					
		e_E	38					
		i_N	55	4		-3.9		Mikrosejsmy
		e_Z	56					
		$ePKS_N$	28 04					
		$ePKS_Z$	06.5					
		$eSKS_Z$	31 50					
		e_Z	40 21					
		F	23 29					
	Kra. ✓	ePP_{NE}	22 26 58					$\Delta=134^\circ$
		$e/PKS/_{NE}$	27 50					
		e_{NE}	28 20					
		e_{NE}	33					

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
15 /d.c./	Kra.	e_{NE}	$22^h 31^m 08^s$					
		$eSKKS_{NE}$	33 46					
		eSS_{NE}	44 44					
17	Kra.	e_{NEZ}	06 00 19					SK-58
		ei_{NEZ}	20					
		e_{NEZ}	31					
		e_{NEZ}	33					
		e_{NEZ}	59					
17	War.	e_Z	15 59 42					
		ei_Z	49					
		e_Z	16 00 59					
		F	10					
	Rac.	e_Z	15 59 55					SK-58; ślady
		F	16 02					
17	Kra.	e_{NEZ}	20 29 49.8					Chariny
		e_{NEZ}	55.8					
		e_{NEZ}	59.8					
		e_{NEZ}	30 20.8					
		e_{NEZ}	38.3					
17	Kra.	i_Z, e_{NE}	22 08 17.8					Chariny
		i_Z, e_{NE}	21.8					
		e_{NEZ}	31.8					
		e_{NEZ}	34.8					
		e_{NE}	55.8					
		e_{NE}	09 05.8					
	Rac.	e_Z	22 08 20					SK-58
		e_Z	25					
		F	10					
18	Kra.	e_{NEZ}	00 11 35.4					Chariny
		e_{NEZ}	49					
		e_{NEZ}	12 11					

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N A_E A_Z [μ μ μ]	Uwagi
18 /d.d./	Kra.	e_{NEZ}	$00^h12^m35^s$			
		e_{NEZ}	38			
		e_{NEZ}	52.4			
18	Kra.	e_{NEZ}	01 00 11			Chariny
		e_{NEZ}	20			
18	Kra.	e_{NEZ}	03 29 53.4			Chariny
		e_{NEZ}	30 02			
		e_{NEZ}	09.4			
		e_{NEZ}	18			
		e_{NEZ}	39			
18	Kra.	eP_{NEZ}	08 18 57			Chariny
		$eiPcP_{NEZ}$	19 02			Rejon Wysp Bonin,
		e_{NEZ}	13			Δ=85.5°;USCGS:
		e_{NEZ}	31			28°N, 139½°E
		e_{NEZ}	35			H=$08^h07^m07^s$
		e_{NEZ}	43			h=450km
		e_{NEZ}	48			
	Rac.	eP_{NZ}	08 19 05		+	SK-58; Δ=86.3°
		F	22			
18	Cho.	e_{EZ}	14 29 24.1		/+/	Willmore
		e_N	24.5			Górny Śląsk
		e_Z	24.9			
		ei_Z	26.3			
		M_{NEZ}	35	08	3.2 2.0 2.0	
		i_E	42.0			
		F	30 12			
	Kra.	e_{NEZ}	14 29 32.3			SK-58
		e_{NEZ}	39.8			
		ei_{NEZ}	40.8			
		ei_{NEZ}	45.8			
		i_{NEZ}	55.8			
		e_{NEZ}	58.3			
		e_{NEZ}	30 11.3			

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N μ	A_E μ	A_Z μ	U w a g i
18	Rac.	e_{EZ}	$14^h29^m40^s.6$					SK-58 Górny Śląsk
		e_{EZ}	50.3					
		F	31					
19	War.	e_Z	09 42 18					Ślady, mikrosejsmy
		F	45					
20	Kra.	e_{NEZ}	19 30 16					SK-58
		e_{NEZ}	19					
		e_{NEZ}	58					
21	Kra.	e_{NEZ}	08 58 28					Chariny
		ei_{NEZ}	38					
		e_{NEZ}	51					
		e_{NEZ}	56					
		e_{NEZ}	59 01					
21	Kra.	e_{NEZ}	11 24 18					Chariny
		e_{NEZ}	31					
		e_{NEZ}	48					
		e_{NEZ}	53					
21	Cho.	e_{NEZ}	11 25 05.5				-	Willmore Górny Śląsk
		i_{NEZ}	07.3					
		M_{NEZ}	13	0.8	2.1	1.7	1.4	
		F	35					
21	Cho.	e_E, i_{NZ}	15 25 13.0		+		-	Willmore Górny Śląsk
		i_Z	13.9					
		M_{NEZ}	17	0.6	2.7	2.2	1.2	
		F	45					
	Kra.	e_{NEZ}	15 25 33					Chariny
		e_{NEZ}	47.6					
		e_{NEZ}	54.6					
		e_{NEZ}	26 08					
21	Kra.	e_Z	16 41 48					Chariny
		e_Z	56					
		e_Z	42 07					

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
21	Cho.	ei_{EZ}	$19^h 41^m 42^s.3$		/-/	-	-	Willmore Górny Śląsk
		ei_N	42.7					
		i_E	44.5					
		M_{EZ}	51	0.8		2.0	1.6	
		F	42 15					
21	Rac.	e_Z	19 42 14					SK-58; ślady
		F	43					
21	Cho.	i_{NEZ}	20 54 46.3		-	-	-	Willmore Górny Śląsk
		M_{NEZ}	51	0.6	3.0	1.7	2.4	
		F	55 25					
	Rac.	e_{EZ}	20 54 55					SK-58
		e_{EZ}	55 05					
		e_{NZ}	23					
		e_N	51					
		e_Z	57					
		F	58					
	Kra.	e_Z	20 54 58					SK-58
		ei_E, e_{NZ}	55 08.2					
		e_{NEZ}	16					
		e_{NEZ}	33					
22	Kra.	e_Z	20 45 46.6					SK-58
		i_Z	48.6					
		e_Z	52					
		e_{NEZ}	56					
		e_{NEZ}	46 08					
		e_{NEZ}	42.6					
		e_{NEZ}	48					
		e_N	56					
		e_{NEZ}	47 01					
		e_{NEZ}	48 08					
	Rac.	e_N, ei_Z	20 45 49					SK-58
		e_E	51					
		e_{EZ}	56					

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
22 /d.c./	Rac.	e_{NZ}	$20^h46^m23^s$					
		e_N, ei_E, i_Z	44					
		e_{EZ}	47 04					
		F	53					
23	Kra.	e_{NEZ}	03 01 13					Chariny
		e_{NEZ}	02 11					
23	Kra.	e_{NEZ}	10 29 50					Chariny
		e_{NEZ}	55.5					
24	Kra.	e_{NEZ}	03 34 56.6					SK-58 Morze Japońskie /Moskwa/
		e_{NEZ}	35 00.6					
		e_{NEZ}	17.6					
		e_{NEZ}	39 00.6					
		e_{NEZ}	50.6					
	Rac.	e_Z	03 35 02					SK-58
		e_{NE}	04					
		e_Z	16					
		e_{NEZ}	39 12					
		e_N	28					
		e_E	34					
		F	55					
	War.	e_E	03 40 42					Silne mikrosejsmy
		e_E	41 00					
		i_E	44 33.5					
		e_E	48 13					
		ei_E	50 33					
		N	03 50-04 07					Ślady, silne mikrosejsmy
24	Kra.	e_{NEZ}	06 04 18					Chariny
		e_{NEZ}	21					
24	Kra.	e_{NEZ}	07 18 11					Chariny
		e_{NEZ}	17					
		e_{NEZ}	47					

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
24	Kra.	e_{NEZ}	$10^h54^m38^s$					SK-58
		e_{NEZ}	41					
		e_{NEZ}	46					
24	Kra.	e_{NEZ}	11 30 21					SK-58
		e_{NEZ}	23					
		e_{NEZ}	37					
24	Kra.	eP_{NE}	12 21 18					Lar, S Iran, Δ=34.5°; USCGS: 28°N, 54.5°E
		i_{NE}	19					
		e_{NE}	43					
		e_{NE}	22 06					
		i_E	26 45					
		iS_N	50					
		e_{NE}	30 06					
		e_{NE}	10					
		e_{NE}	44					
		eL_{NE}	33					
		M_N	39 06	2	2.7			
		M_E	40 50	1.4		3.5		
		F	55					
	Rac.	eP_{NE}, iP_Z	12 21 27.4				-	SK-58; Δ=35.2°
		e_{NEZ}	49					
		e_N	22 13					
		e_{NZ}	24					
		$e/PP/_E$	37					
		ePP_Z	46					
		e_E	23 11					
		F	36					
	War.	M_E	12 38 48	13		12.0		Początek w czasie zmiany papieru
		M_N	39 49	13	14			
		F	13 03					
24	Kra.	e_{NEZ}	14 37 19					Chariny
		e_{NEZ}	21					
		e_{NEZ}	31					

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
24 /d.c./	Kra.	e_{NEZ}	$14^h37^m37^s$					
		e_{NEZ}	40					
25	Kra.	e_{EZ}	00 26 02					Chariny
		e_{NEZ}	05					
		e_{NEZ}	11.5					
		e_{NEZ}	17					
25	Kra.	e_{NEZ}	03 43 07.6					Chariny
		e_{NEZ}	10.6					
25	Kra.	e_{NEZ}	11 46 31					Chariny
		e_{NEZ}	34					
25	Rac.	NEZ	16 31-40					SK-58; ślady
	War.	e_{NZ}	16 36/27/					
		eL_E	36.5					
		eL_N	37.5					
		M_E	38 10	10		12.5		
		M_N	51	10	6.4			
		F	49					
26	Kra.	e_{NEZ}	04 53 31					Chariny
		e_{NEZ}	47					
		e_{NEZ}	50					
26	War.	NEZ	07 23-32					Ślady
26	Rac.	e_E	11 04 04					SK-58
		e_Z	11					
		e_N	13					
		e_{NE}	22					
		e_Z	30					
		e_N	39					
		F	06					
26	Kra.	e_E	12 49 42.5					
		e_{NE}	48.5					
		e_{NE}	50 47.5					

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N A_E A_Z (μ μ μ)	Uwagi
26	Kra.	eL_{NE}	14^h08^m s			
27	Kra.	e_N	17 49 15			SK-58
		ei_N	16			
		e_N	26			
		e_N	35			
		e_N	55			
	Rac.	e_Z	17 49 43			SK-58
		e_{EZ}	50 09			
		e_Z	25			
		F	51			
27	Kra.	e_{NEZ}	22 56 17			Charlny
		e_{NEZ}	27.6			
		e_{NEZ}	33.6			
		e_{NEZ}	46.6			
28	Cho.	i_{NEZ}	11 12 34.1	0.7	-21 -7 -13	Górny Śląsk Chorzów /mgr Sł. Gibowicz/: Δ =3.0km 50°16.4'N, 18°58.3'E H=11h12m33s.2 M=3.1
		i_{NEZ}	34.8			
		i_E	35.1			
		M_{EZ}	37	1.0	175 35	
		i_Z	44.5			
		F	14			
	Kra.	e_{NEZ}	11 12 43.2			SK-58; Δ =ca 111km
		e_{NEZ}	46.7			
		e_{NEZ}	48.2			
		e_{NEZ}	55.7			
		e_{NEZ}	13 03.7			
		e_{NEZ}	13.7			
		e_{NEZ}	33.7			
		e_{NEZ}	39.7			
		e_{NEZ}	42.7			
		e_{NEZ}	14 02.7			
		M_N	16 58.7	10	9.5	
	Rac.	ePg_{NZ}	11 12 43.4		-	SK-58; Δ =60km
		$e/P/_E$	44.7			

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N A_E A_Z [μ μ μ]	Uwagi
28 /d.c./	Rac.	e_N	$11^h12^m45^s.6$			
		$i/Pn/_Z$	48.4			
		$eiSg_N$	50.6			
		e_{EZ}	51.9			
		ei_N	52.2			
		ei_E	53.9			
		$i/Sn/_E$, $e/Sn/_Z$	56.8			
		i_Z	13 05.2			
		M_{NEZ}	27	1.3	2.1 1.5 1.8	
		M_E	51	1.7	7.0	Mainka
		F	17			
28	Cho.	ei_Z	14 25 17.3		+	Willmore Górny Śląsk
		e_{NE}	17.7			
		i_{NE}	20.1			
		i_Z	25.2			
		i_N	26.0			
		M_{NEZ}	28	1	4.2 1.7 1.6	
		ei_E	29.7			
		F	45			
	Kra.	e_{NEZ}	14 25 31			SK-58
		e_{NEZ}	34.6			
		e_{NEZ}	39.6			
		e_{NEZ}	48.6			
		e_{NEZ}	56.6			
28	Kra.	e_{NE}	16 37 12.5			
		e_{NE}	30.5			
		e_{NE}	42.5			
		e_E	43 30.5			
		e_{NE}	43.5			
		e_{NE}	56.5			
		eL_{NE}	44 20.5			
		M_N	46 48.5	10	0.3	
		M_E	42.5		0.4	
	War.	NEZ	16 43-51			Ślady

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
28	Kra.	e_{NE}	$19^h50^m50^s$					
		e_{NE}	51 06					
		eL_{NE}	51.5					
		M_E	57	6		0.4		
		M_E	53 15	8		3		
	Rac.	N	19 51-55					SK-58; ślady
	War.	e_{NE}	19 51 35					Ślady
		e_Z	38					
		F	20 00					
28	Cho.	i_{NEZ}	23 20 49.4			-	-	Willmore Górny Śląsk
		i_Z	51.2					
		M_Z	21 07	0.6			0.6	
		F	30					
	Kra.	e_{EZ}	23 21 11.7					Chariny
		e_N	27.7					
		e_{NEZ}	34.7					
		e_{NEZ}	40.2					
		e_{NEZ}	51.2					
		e_{NEZ}	22 02.2					
29	Kra.	e_{NE}	02 50 36					
		e_{NE}	54 06					
		e_{NE}	55 02					
29	Kra.	e_{NE}	03 11 29					
		e_{NE}	12 06					
29	Kra.	e_{NE}	03 47 36					
		e_{NE}	48 05					
		e_{NE}	36					
		e_{NE}	45					
		el_{NE}	49					
29	War.	$e/P/_Z$	19 45 42					Celebes /Moskwa/ Skł.E nie rejestrowała
		e_Z	49 33					
		e_N	44					

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N A_E A_Z [μ μ μ]	Uwagi
29 /d.c./	War.	e_Z	$19^h 51^m 47^s$			
		e_Z	53/30/			
		e_N	56 19.5			
		e_N	59			
		e_Z	58 46			
		eL_N	20 20.5			
		eL_Z	27			
		F	58			
	Kra.	e_{NE}	19 45 49			
		e_{NE}	46 04			
		e_N	49 45			
		i_E	52			
		e_{NE}	56 23.6			
		i_E, e_N	58 46			
		e_{NE}	59 28			
		eL_{NE}	20 02			
		M_N	30 59.6	24	3.9	
		F	21 02			
	Rac,	e_Z	19 45 54			SK-58
		e_{NEZ}	49 36			
		F	20 01			
29	War.	e_Z	21 02 00			
30	Kra.	e_{NE}	04 18 41			
		ei_{NE}	19 07			
		e_{NE}	38			
		e_{NE}	25 38			
		i_E	44			
		e_{NE}	27 37			
		eL_{NE}	32			
		M_N	05 03 05	22	2	
	War.	e_Z	04 18 56			Skł,E nie rejestrowała
		eL_N	51.5			
		eL_Z	59			

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
30	War.	NZ	$10^h 15^m 21^s$					Ślady Początek w czasie zmiany papieru
	Kra.	e_{NE}	10 20 25					
		eL_E	22					
		eL_N	22.5					
		M_E	23 38	8		0.5		
		M_N	59	10	0.9			
30	Rac.	e_Z	11 19 46					SK-58
		e_Z	20 14					
		F	22					

Z.Gryglewicz

H.Skoczek

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
2	Cho.	e_Z	$01^h15^m37.0$					Willmore Górny Śląsk
		e_{NE}	37.2					
		M_{NEZ}	44	0.6	1	0.8	1.9	
		F	16 11					
	Kra.	e_{NZ}	01 15 48.5					SK-58
		e_{NZ}	58.5					
		e_{NZ}	16 00.5					
		e_{NZ}	16.5					
2	War.	NZ	01 17-36					Ślady
2	Kra.	e_{NE}	01 22 37.5					
		e_{NE}	23 12.5					
		e_{NE}	55.5					
2	Rac.	e_Z	08 52 38					SK-58; ślady
		F	54					
2	Kra.	eP_{NEZ}	12 23 48					SK-58
		ePP_{NE}	27 49					Celebes, Δ=97.5°;
		M_N	13 11 45	20	138			USCGS: 0°12½°E. H=12h10m11s
	Rac.	e_Z	12 27 09					SK-58; Δ=98.5°
		$e/PP/_{NZ}$	28 08					
		F	32					
	War.	PP_Z	12 27 45					Ślady; Δ=96.5°
		PP_N	47					
		F	50					
2	Kra.	$e/P/_{NE}$	18 40 56					Rejon Krety
		e_{NE}	43 06					Moskwa:
		eL_{NE}	45.5					H=18h37m12s
		M_E	47 17	11		0.9		
		M_N	48 33	11	1.0			

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N A_E A_Z [μ μ μ]	Uwagi
2	War.	$e/P/_Z$	$18^h41^m22^s$			
		$\bullet_N$	44 32			
		$\bullet_{NZ}$	51			
		eL_N	46			
		eL_Z	48			
		F	19 10			
3	War.	iP_Z	22 34 41			Na S od Hondo, Japonia, $\Delta=80^\circ$; USCGS: $32^\circ N, 140^\circ E$, $H=22^h22^m41^s$ $h=150$ km
		$ePcP_Z$	35 07			
		e_N	36 26			
	Kra.	eiP_{NEZ}	22 34 52			Chariny; $\Delta=82^\circ$
		$ePcP_{NEZ}$	59.5			
		$\bullet_{NEZ}$	35 24			
	Rac.	eP_{NEZ}	22 34/56/			SK-58; $\Delta=83^\circ$
		e_{NZ}	35 09			
		e_E	18			
		e_{NZ}	20			
		e_{EZ}	37			
		F	41			
4	Rac.	e_Z	00 16 19			SK-58; ślady
		F	17			
4	Kra.	$\bullet_{E'}ei_Z$	14 09 01.5			SK-58; ślady
		$\bullet_{E'}ei_Z$	12			
5	Cho.	ei_Z	08 23 23.4			- Górny Śląsk
		$\bullet_N$	23.5			
		ei_E	24.7			
		M_N	25	0.9	18.6 8.9 3.1	
		M_Z	26			
		F	24 11			

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
5	War.	eP_Z	$11^h37^m07.5$					Kamczatka, Δ=69°; USCGS: 52½°N, 158½°E, H=$11^h26^m00^s$
		e_E	56					
		e_Z	38 24					
		eS_N	46 16					
		eL_E	12 06					
		eL_{NZ}	10					
		M_N	11 41	ca 16		ca2.2		
		F	30					
	Rac.	eP_Z	11 37 30					SK-58; Δ=72°
		$e/PcP/_Z$	40					
		F	40					
5	Kra.	e_{NE}	12 06 45					
		eL_{NE}	11					
		M_N	13 46	16		1.8		
5	Cho.	e_{NE}	16 48 29.2			-		Górny Śląsk
		e_Z	30					
		i_Z	32					
		M_Z	36	0.9		1.9		
		F	49 02					
	Kra.	ei_{NZ}, e_E	16 48 42.5					SK-58
		e_E	52					
		ei_{NZ}	53.5					
		ei_E	58					
	Rac.	e_E	16 48 47					SK-58
		e_{NZ}	49 02					
		e_Z	04					
		F	51					
6	Cho.	i_N	01 24 17.1			-		Górny Śląsk
		i_Z	17.7					
		i_E	17.9					
		M_{NE}	19	0.6	13.4	18		
		M_Z	20	0.6		19.4		
		F	25 11					

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
6	Kra.	ei/P/$_{NE}$	01^h 24^m 30^s					SK-58 Górny Śląsk
		ei$_{NE}$	39.5					
		e$_{NE}$	44					
		e$_{NE}$	59					
	Rac.	e$_Z$	01 24 31					SK-58
		e$_Z$	40					
		e$_E$	44					
		e$_{NZ}$	25 00					
		e$_{NZ}$	09					
		e$_N$	11					
		e$_N$	30					
		F	27					
6	Rac.	e$_Z$	18 58 51					SK-58; ślady
		F	19 00					
7	Cho.	i$_Z$	02 36 20.1		-	-	-	Górny Śląsk
		i$_{NE}$	20.5					
		M$_{NE}$	22	1.1	14	7		
		M$_Z$	23	1			2.6	
		F	37 25					
7	Cho.	e$_N$	14 30 48.3					Górny Śląsk
		e$_Z$	49.3					
		e$_E$	49.5					
		M$_Z$	51	0.9			1	
		F	31 10					
7	Rac.	e$_N$	15 10 45.1					SK-58; lokalny
		e$_Z$	46.3					
		e$_{NE}$	47.8					
		i$_{NEZ}$	51.6					
		M$_{NEZ}$	53.1	0.5	0.9	0.5	0.6	
		F	11 06.6					
7	Rac.	i$_N$; e$_E$	18 57 27					SK-58
		F	33					

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N A_E A_Z [μ μ μ]	Uwagi
8	War.	eL_N	14^h09^m s			
		eL_E	14			
		F	28			
9	War.	eL_N	01 57			Ślady, Wyspy Riukiu
		eL_{EZ}	58			
		F	02 06			
	Kra.	eL_{NE}	01 57.5			
		M_E	58 34	10	0.2	
10	Cho.	e_{NEZ}	20 42 03.6		- - +	Willmore Górny Śląsk
		M_{NEZ}	07		5.5 3.9 2.6	
		F	37			
	Rac.	e_Z	20 42 36			SK-58
		e_{EZ}	47			
		F	44			
11	Rac.	e_{NE}	00 44 55.2			SK-58
		F	45 02			
11	Rac.	e_{NE}	13 28 10			SK-58; Włochy, $\Delta = 8°11°$; BCIS: $44.6°N, 11.2°E$, $H = 13^h25^m00^s$
		$e/Sn/_Z$	47			
		eS^*_{NEZ}	29 07			
		e_{EZ}	15			
		ei_N, e_Z	46			
		F	33			
	War.	e_N	13 30 48			$\Delta = 10.2°$
		e_N	57			
		e_E	31 13			
		e_N	29			
		e_E	55			
		e_Z	56.5			
		e_N	57			
		e_{EZ}	32 14			

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
11	War.	ePP_N	$18^h54^m32^s$					Morze Ceram, $\Delta=104.5^\circ$; USCGS: $3^\circ S, 131^\circ E$ $H=18^h36^m00^s$ M=6½ /Pasadena/, 6¾ /Warszawa/
		e_E	56 21					
		e_N	59 44					
		$eSKS_N$	19 00 43					
		e_E	59					
		e_E	05 22					
		e_N	08 39					
		eL_N	17					
		eL_E	30					
		M_N	35 34	26	5.7			
		eL_Z	36					
		M_E	38 30	24		4.7		
		F	20 10					
12	Cho.	e_Z	15 50 52.7				-	Górny Śląsk
		e_{NE}	58.3					
		i_Z	59.5					
		M_{NE}	51 00	0.9	22.2	14.2		
		M_Z	01	0.9			2.9	
		F	20					
12	Rac.	e_Z	21 41 05					SK-58; ślady
		F	43					
12	Rac.	eP_Z	22 45 35					SK-58; Panama, $\Delta=90^\circ$; USCGS: $7½^\circ N, 81^\circ W$, $H=22^h32^m32^s$
		$e/PcP/_E$	40					
		$e/PcP/_N$	42					
		F	50					
	War.	eP_Z	22 45/40/					$\Delta=91.5^\circ$
		ePP_N	49 22					
		e_N	50 31					
		e_N	54 07					
		$eSKS_{NE}$	56 14					
		eS_E	40					
		$eScS_N$	48					
		ePS_Z	57 45					

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
12 /d.c./	War.	e_N	$22^h58^m02^s$					
		e_E	46					
		$eSSS_E$	23 03 18					
		eL_{EZ}	22					
		eL_N	23					
		M_E	27 11	19		4.3		
		M_Z	12	19			3.4	
		M_N	14	19	2.3			
		F	00 06					
13	War.	eiP_Z, eP_N	16 18 46	6			+3.5	N Alaska, Δ=73°; USCGS: 55°N, 161½°W, H=16h07m12s
		$iPcP_Z$	19 01					
		$ePcP_N$	05					
		ePP_Z	21 32					
		ePP_N	38					
		e_N	22 10					
		$e/PPP/_Z$	23 22					
		eS_N	28 13					
		eS_Z	21					
		e_N	30					
		$e/PS/_E$	37					
		$e/PS/_N$	38					
		e_N	29 07					
		e_E	08					
		e_Z	12					
		e_N	30 26					
		eL_{NE}	43					
		eL_Z	44					
		M_N	48 24	25	7.9			
		M_E	56 56	16		3.1		
		M_N	59	16	2.2			
		M_Z	17 00 17.5	15			2.1	
		F	28					
	Kra.	eiP_{NEZ}	16 18 58					Chariny, Δ=75°
		e_{NEZ}	19 22					
		e_{NEZ}	40					

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N A_E A_Z [μ μ μ]	Uwagi
13	Rac.	$iPcP_Z$	$16^h18^m59^s$		+	SK-58; $\Delta=70^\circ$
		$ePcP_E$	19 00			
		i_N	03			
		e_Z	06			
		e_Z	11			
		e_N	16			
		e_E	21			
		i_N	20 13			
		F	33			
14	War.	NEZ	07 39-43			Ślady
14	Cho.	i_{NEZ}	20 01 09.7			Willmore Górny Śląsk
		M_{NEZ}	22	0.8	1.5 1.1 1.4	
		F	42			
	Rac.	e_Z	20 01 16.9			SK-58
		e_{NEZ}	24.5			
		e_{NE}	31.6			
		e_Z	38.0			
		e_N	39.2			
		e_{NE}	44.4			
		M_{NEZ}	02 18.4	2	0.9 0.5 0.4	
		F	04			
	Kra.	e_{NEZ}	20 01/21/			Chariny
		e_{NEZ}	29			
		e_{NEZ}	36			
		e_{NEZ}	50			
		e_{NEZ}	56			
		e_{NEZ}	02 01			
14	War.	eiP_Z	22 30 04	2.5	+2.6	Kamczatka, $\Delta=69^\circ$; USCGS: $53\frac{1}{2}^\circ N$, $159\frac{1}{2}^\circ E$, $H=22^h19^m55^s$
		$ePcP_Z$	31 21			
		e_N	32 06			
		eS_E	40 15			
		$ePPS_E$	53			
		$eSKS_E$	41 01			

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N	A_E	A_Z	Uwagi
14 /d.c./	War.	$eSKS_N$	$22^h41^m03^s$					
		e_N	17					
		eL_{NE}	58					
		eL_Z	23 02					
		M_E	05 08	16			2.1	
		M_N	06 25	13	1.2			
		F	20					
Kra.		eiP_{NEZ}	22 31 18					Chariny; $\Delta=71^\circ$
		ei_N, e_{EZ}	25.5					
		e_{NEZ}	32 02					
Rac.		eP_Z	22 31 21			+		SK-58; $\Delta=71.5^\circ$
		eP_{NE}	22					
		$ePcP_Z$	35					
		$ePcP_{NE}$	38					
		F	36					
16	Cho.	e_Z	06 37 26.3					Górny Śląsk
		i_Z	27.8					
		M_Z	30	0.9			1.0	
		F	44					
17	War.	NEZ	09 29-42					Ślady Rejon Spitsbergenu
17	Rac.	e_Z	20 08 16.5					SK-58
		e_Z	21.5					
		F	30					
17	Rac.	e_Z	20 31 02.5					SK-58; lokalny
		e_Z	06.5					
		e_Z	11.8					
		F	25					
17	Rac.	e_Z	20 58 14.5					SK-58; lokalny
		e_Z	18.0					
		F	31					

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
17	Cho.	i_{NZ}, ei_E	$22^h 17^m 48^s.4$		-		-	Górny Śląsk
		M_N	49	1.1	9.9			
		M_{EZ}	51	1.1		14	6.9	
		F	18 31					
	Rac.	e_{NEZ}	22 18 00					SK-58
		e_{NEZ}	17					
		e_Z	40					
		e_Z	47					
		F	21					
	Kra.	ei_{NEZ}	22 18 00.8					Chariny
		e_{NEZ}	04.3					
		i_{NEZ}	10.3					
18	Cho.	i_{NEZ}	00 47 08.7		-	-	-	Willmore Górny Śląsk
		M_{NEZ}	21	1	4.8	4.9	3.9	
		e_E	29.9					
		i_E	30.5					
		F	48 09					
	Rac.	e_Z	00 47 15					SK-58
		e_{NE}	21					
		e_E	32					
		e_{NZ}	35					
		ei_E	46					
		e_N	55					
		e_Z	48 13					
		F	51					
	Kra.	ei_{NEZ}	00 47 20.8					Chariny
		e_{NEZ}	26.3					
		ei_{NEZ}	31.8					
		ei_{NZ}	48 01.3					

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
18	War.	eiP_Z, eP_E	$06^h47^m04^s$	4		-	+5.4	Wyspy Riukiu, $\triangle=78^\circ$; USCGS: $29^\circ N, 130^\circ E$, $H=06^h35^m09^s$ h=100 km
		eP_N	05					
		$ePcP_Z$	07.5					
		e_N, ei_Z	17					
		e_E	18					
		ePP_Z	50 01					
		$e/PP/_N$	07					
		e_E	10					
		e_Z	14					
		e_E	53 15					
		e_{NZ}	25					
		eS_{NE}	56 52					
		$eScS_{NZ}$	57 08					
		$eScS_E$	11					
		eSP_{NE}	22					
		ePS_Z	33					
		$eSPP_{NE}$	43					
		e_Z	58 09					
		e_E	07 02 07					
		eL_N	10					
		eL_E	12					
		eL_Z	15					
		M_Z	24 58.5	15			47	
		M_{NE}	25 00	17.5; 15.5	41		49	
		F	08 36					
	Kra.	eiP_{NE}	06 47 12	3.5; 3.8	+	+		$\triangle=80^\circ$
		e_{NE}	52					
		ePP_{NE}	50 09					
		e_{NE}	53 34					
		eS_{NE}	57 08					
		M_E	07 20 00	ca 17			6.7	
		M_N	11	ca 17	16			
		M_E	25 55	15			11	
		M_N	58	15	12			

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N A_E A_Z [μ μ μ]	Uwagi
18	Rac.	$ePcP_{NEZ}$	$06^h47^m19^s$			SK-58; $\Delta = 80.5^\circ$
		e_{NEZ}	31			
		e_{NZ}	48 12			
		F	07 02			
18	Kra.	eP_{NE}	08 47 52			Zat. Perska, $\Delta = 34.5^\circ$; Moskwa; $26\frac{1}{2}^\circ N, 53^\circ N$ $H = 08^h41^m03^s$
		e_{NE}	50 57			
		ei_{NE}	53 14			
		e_{NE}	54 34			
	War.	eP_Z	08 47 59			$\Delta = 35^\circ$
		ePP_Z	49 22			
		$ePPP_Z$	32			
		eS_N	53 25			
		eS_E	25			
		$e/SSS/_E$	56 07			
		$eSSS_N$	10			
		e_Z	21.5			
		e_E	57 41			
		$eScS_N$	58 17			
		eL_{EZ}	09 03			
		eL_N	05			
		F	34			
	Rac.	NEZ	08 48-51			SK-58; ślady
18	Cho.	e_{NEZ}	10 58 17.0			Willmore Górny Śląsk
		M_Z	23	0.4	0.6	
		F	49			
	Rac.	e_E	10 58 46			SK-58
		e_Z	51			
		F	11 00			
19	War.	eiP_Z, ePN	02 14 10		+	Hindukusz, $\Delta = 38.5^\circ$; USCGS: $36^\circ N, 71^\circ E$. $H = 02^h07^m00^s$ $h = 200$ km
		iP_Z	12.5	2	6.7	
		eP_E	13			
		epP_Z	44			

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N A_E A_Z [μ μ μ]	Uwagi
19 /d.c./	War.	ePP_{NE}, $eiPP_Z$	$02^h15^m40^s$			
		e_N	55			
		e_E	58			
		$ePcP_{NZ}$	16 17			
		e_N	17 24			
		iS_E, eS_Z	20 00		+	
		iS_N	01	4	-3.5	
		e_E	05			
		e_N	09			
		$eSSS_Z$	23 28			
		$eSSS_E$	30			
		F	52			
19	Kra.	eiP_E	02 14 14			$\triangle=39^\circ$
		e_N	17			
		epP_N, $eiPP_{NE}$	49			
		ei_E	15 42			
		eiS_{NE}	20 08	4;4	+ -	
		$e/SS/_{NE}$	22 27			
	Rac.	eP_Z	02 14 26			$\triangle=40^\circ$
		e_E	34			
		epP_N	44			
		e_Z	15 11			
		e_E	16			
		e_N	17			
		e_Z	18			
		e_N	36			
		$ePcP_Z$	16 18			
		$ePcP_E$	22			
		$ePPP_Z$	34			
		$eiPPP_N$	36			
		ei_N	17 09			
		e_E	15			
		F	34			

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
19	Kra.	e_{NE}	$10^h 24^m 14^s$					
		e_{NE}	45					
		e_{NE}	29 03					
		e_{NE}	32 33					
		M_N	11 07 10	18	2.5			
		M_E	18	16		1.1		
	Rac.	e_Z	10 24 18					SK-58
		e_E	21					
		e_{NEZ}	26					
		e_N	37					
		e_{EZ}	41					
		e_Z	51					
		e_N	25 11					
		e_{EZ}	16					
		F	32					
19	War.	e_Z	10 33 20					
		e_Z	34 15					
		e_N	35 59					
		e_Z	36 11					
		e_E	21					
19	Rac.	e_Z	21 27 56					SK-58; ślady
		F	29					
19	War.	EZ	23 46-53					Ślady
20	War.	NEZ	04 27-50					Ślady Zat. Perska
20	War.	$ePKP_{1Z}$	11 32 14					Norfolk, Δ=145.5°; USCGS: 28°S, 167½°E, $H=11^h12^m31^s$;
		$iPKP_{1E}$	15					
		$iPKP_{2Z}$	17	ca 6			30	M=6½-6¾ /Pasadena/ 6½ /Warszawa/
		$eiPKP_{2N}$	18					
		ePP_Z	35 28					
		$ePKS_{NZ}$	46					
		e_Z	36 22					
		e_E	57					

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
20 /d.c./	War.	e_Z	$11^h 38^m 13^s$					
		$ePKKS_{DN}$	44 51					$\Delta = 215^\circ$
		ePS_N	46 09					
		eL_N	12 18					
		eL_E	22					
		eL_Z	28					
		M_{NZ}	44 13	18	11		12	
		M_E	18	17		11		
		F	13 34					
	Rac.	$ePKP_{1Z}$	11 32 19					SK-58; $\Delta = 148^\circ$
		$ePKP_{2Z}$	22					
		e_{NE}	33					
		e_N	40					
		e_E	51					
		e_E	33 01					
		e_N	05					
		e_N	11					
		F	44					
	Kra.	$eiPKP_{2NE}$	11 32 22					$\Delta = 147^\circ$
		e_N, ei_E	42	4				
		e_{NE}	33 25					
		ePP_{NE}	35 40					
		$ePPP_{NE}$	39 01					
		M_N	12 41 05	20	7			
21	War.	eL_Z	06 49					Rejon Grecji
		eL_{NE}	50					
		M_E	32	11.5		4.9		
		M_N	52 12	10	4.4			
		F	07 06					
21	Rac.	e_Z	08 29 47					SK-58; ślady
		F	33					

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
21	Rac.	$ePKP_Z$	$10^h21^m46^s$					Chile, Δ=118.5°; USCGS: 37½°S, 73½°W H=$10^h02^m50^s$; M=7¼-7½ /Berkeley/
	✓	e_{NEZ}	51					
		e_Z	22 17					
		e_N	25					
		e_{EZ}	35					
		ePP_E	23 02					
		e_Z	25					
		i_E	27					
		e_N	30					
		e_Z	24 09					
		i_E	10					
		$ePPP_E$	25 26					
		$ePPP_N$	31					
		i_N	26 31					
		e_E	30 12					
		M_{NE}	56.5	34	380	300		
		M_{EZ}	11 08	24		970	300	
		M_N	11	20	530			
		M_E	14.5	18		1070		
		M_N	15.3	18	500			
		M_N	20.0	16	204			
		M_Z	20.6	16			300	
		M_E	21.7	18		330		
		F	52					
	Cho.	e_{NEZ}	10 23 23					Δ=119.5°
	✓	e_N	57					
		e_E	24 09					
		e_N	45					
		$ePPP_N$	25 49					
		e_N	26 33					
		$eSKS_{DE}$	28 49					
		LQ_{NE}	33.1	22				
		LR_N	52.9	36				
		M_N	11 06.5	22	1100			

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N	A_E	A_Z	Uwagi
					μ	μ	μ	
21 /d.c./	Cho.	M_{EZ}	$11^h 08^m.3^s$	24		1250	75	
		M_N	11.7	20	1780			
		M_{EZ}	15.2	17		800	40	
		M_N	16.7	18	830			
		M_{NEZ}	22.9	17	740	380	30	
		F	13 30					
	War.	$ePKS_N$	10 26 21					$\triangle$=121.5° Początek zapisu w czasie zmiany papieru
		e_Z	27 54					
		$eSKS_{DE}$	28 58					
		e_E	29 26					
		e_Z	40					
		$ePKKP_{AN}$	31 41					
		$ePKKP_{DE}$	32 20					
		$ePKKP_{DZ}$	21					
		ePS_E	33 04					
		ePS_N	11					
		e_Z	36					
		e_Z	35 11					
		$ePKKS_Z$	32					
		$ePKKS_E$	38					
		$eSKKS_Z$	39 26					
		eSS_N	58					
		$eSSP_E$	40 14					
		e_N	44 16					
		$eSSS_E$	35					
		eL_{NEZ}	52					
		F	15 24					
21	War.	e_Z	13 20 20					Chile; Ślady nakładające się na trzęsienie poprzednie
		e_Z	40					
		e_N	44					
22	Rac.	Z	01 18-20					SK-58; ślady
22	Rac.	$ePKP_N$	10 50 25					Chile; $\triangle$=119°; USCGS: 38°S, 73½°W
		ePP_E	55					

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N A_E A_Z [μ μ μ]	Uwagi
22 /d.c./	Rac.	e_E	$10^h51^m06^s$			$H=10^h30^m39^s$
		$ePKPI_N$	35			I Chile, $\Delta=118.5^\circ$; USCGS: 37½°S, 73°W, $H=10^h32^m43^s$
		e_E	52 14			
		e_N	18			
		e_E	53 20			
		M_E	11 38	20	30	
		M_{NE}	44.0	20	30 29	
	Kra.	e_{NE}	10 50 40			I $\Delta=120^\circ$
		$ePPI_{NE}$	52 58			
		$eSKSI_{NE}$	58 48			
		e_{NE}	11 01 18			
		$eSKSPI_{NE}$	02 58			
		M_N	39 20	23	34	
		M_E	45	24	19	
		M_N	46 11	18	22	
	Cho.	ePP_E	10 50 58			$\Delta=119.4^\circ$
		e_N	52 47			I $\Delta=119^\circ$
		$ePKS_E$	53 03			
		$ePPPI_E$	55 31			
		eL_E	11 03			
		M_{NE}	38.9	20	86 43	
		F	13 10			
22	Kra.	eP_{NE}	19 11 17			Chile, $\Delta=120^\circ$; USCGS: 38°S, 73½°W, $H=18^h55^m57^s$; M=7¾ /Berkeley/
		e_{NE}	14 18			
		e_{NE}	15 04			
		ei_{NE}	16 07			
		$eSKKKS_{NE}$	23 25			dalej zapis nieczytelny, amplitudy > 100 mm
	War.	eP_Z	19 11 23			Chile, $\Delta=122^\circ$; USCGS: 38°S, 73½°W, $H=18^h55^m57^s$, M=7¾ /Berkeley/
		$ePKP_E$	14 52			
		$ePKP_Z$	53			
		$ePKP_N$	55			
		e_Z	15 05			

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N μ	A_E μ	A_Z μ	U w a g i
22 /d.c./	War.	e_E	$19^h15^m07^s$					IH=$19^h10^m47^s$
		ei_Z	16 22	5			-5.4	M=7½-7¾/Berkeley/
		e_{NE}	24					IIH=$19^h11^m20^s$
		ePP_E	33					M=8¼-8½ /Pasadena/
		ePP_Z	35					
		e_Z	18 52					
		e_{NE}	57					
		$ePPP_Z$	19 10					
		$ePPP_{NE}$	11					
		$eSKS_{DE}$	22 02					
		$eSKKS_E$	23 27					
		$eSKKKS_{NE}$	38					
		e_N	24 22					
		ePI_Z	26 14					
		iPI_E	15	14		+12.3		
		$eiPII_{EZ}$	37					
		$ePII_N$	38					
		e_N	29 57					
		e_Z	30 00					
		$ePKPII_N$	16					
		$ePKPII_Z$	27					
		e_Z	36					
		e_N	39					
		$ePPI_E$	31 17					
		$ePPI_N$	19					
		$eiPPI_Z$	23					
		ei_Z	35					
		$ePPII_N$	59					
		e_E	32 15					
		$iSKKS_E$	27					} Δ=238°
		$eSKKS_N$	28					
		eSS_N	33 03					
		iSS_E	07					
		$eiSSP_E$	33					

Dalej zapis trudny do interpretacji z powodu bardzo dużych nakładających się amplitud.

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N A_E A_Z [μ μ μ]	Uwagi
22	Rac.	$ePKP_Z$	$19^h14^m48^s$			$\triangle=119^o$
		e_Z	15 02			
		e_N	08			
		e_E	26			
		e_Z	59			
		ePP_E	16 09			
		ePP_N	11			
		e_Z	29 22			
		$e/PKPI/_Z$	52			
		ei_E	30 03			
		$ePKPII_{EZ}$	15			
		e_Z	29			
		e_Z	47			
		e_Z	55			
		$ePPI_N$	31 02			
		ei_E	18			
		e_Z	32 31			
		$iPPII_Z$	40			
		i_Z	34 17			
		i_E	19			
		ei_E	51			
		$iSKSII_E$	37 01			
		M_Z	20 12.5	30	500	
		M_Z	21.8	22	1000	
		M_N	22.8	20	1118	
		M_E	25.0	20	250	
		M_{EZ}	27.5	18	1050 1000	
	Cho.	ePP_{NE}	19 16 11			$\triangle=120^o$
		e_N	52			
		$ePPP_E$	18 47			
		e_N	20 58			
		$eSKS_{AE}$	21 43			
		$eSKKS_E$	23 08			
		e_Z	29 59			
		e_{NE}	30 39			
		e_Z	48			

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
22 /d.c./	Cho.	e_N	$19^h31^m25^s$					
		i_N	54					
		e_E	56					
		iSS_E	32 43					
		eL_{NE}	39.3					
		M_{NE}	20 13.3	28	3000	1650		
		M_{NEZ}	18.1	22	3300	830	490	
		M_{EZ}	23.7	20		2600	800	
		M_{NE}	24.9	18	2000	1300		
		M_{NEZ}	28.1	17	1350	1080	1000	
		F	23 00					
23	Rac.	e_Z	00 44 38					SK-58
		e_{NZ}	47 49					
		F	51					
	War.	e_Z	00 46 14					Ślad
23	War.	e_Z	01 11 35					
		e_Z	51					
		eL_E	30					
		eL_{NZ}	31					
		M_E	42 17	16		7.2		
		M_N	19	15	11			
		M_Z	48 59				6.5	
		F	02 24					
23	War.	e_Z	03 07 11					
		e_Z	22					
		e_Z	09 54					
		e_N	20 22					
		e_E	28 00					
		e_E	51					
		eL_E	50					
		eL_{NZ}	52					
		M_Z	04 02 03	17			6.6	
		M_{NE}	03 29	17;16	6.1	2.1		
		F	32					

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
23	Rac.	NEZ	05 32-37					SK-58; ślady
	War.	e_Z	05 33 57					Chile, Δ=122°; USCGS: 38°S, 73½°W, H=05^{h}13^{m}55^s
		e_N	34 04					
		e_Z	12					
		ePP_N	33					
		e_Z	36 36					
		e_N	39					
		e_E	43					
		$eSKKS_E$	41 15					
		e_N	59					
		e_N	42 11					
		e_E	43 57					
		e_E	44 03					
		ePS_E	17					
		eL_Z	06 14					
		eL_{NE}	15					
		M_E	29 28	17		4.6		
		M_N	32	17	6			
		F	07 00					
23	War.	e_Z	07 30 18					
		e_{NZ}, ei_E	31 47					
		e_N	39 07					
		e_E	42 23					
		e_E	48 39					
		eL_E	08 17					
		eL_N	24					
		eL_Z	27					
		F	09 00					
23	War.	eL_{NZ}	11 46					
		eL_E	47					
		M_{NE}	52 04	18;19	5.5	5.6		
		M_Z	07	18			3	
		F	12 11					

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
24	War.	e_Z	$15^h06^m36^s$					
		e_Z	07 08					
		e_E	10					
		e_Z	37					
		e_E	08 24					
		e_E	10 00					
		e_N	06					
		i_Z	10					
		e_Z	44					
		e_Z	11 18					
		e_E	26					
		e_N	12 18					
		e_N	13 04					
		e_Z	16 55					
		e_Z	21 15					
		e_E	23 56					
		e_Z	24 48					
		e_N	30 44					
		eL_N	16 09					
		eL_{EZ}	12					
		M_Z	29 26	18			9	
		M_N	34 56	20	13			
		M_E	58	20		9		
		F	17 04					
	Rac.	e_Z	15 06 49					SK-58
		e_Z	07 07					
		e_Z	15					
		e_{NE}	21					
		e_Z	08 31					
		e_E	51					
		F	22					
	Kra.	e_E	15 06 50					
		e_N, ei_E	07 15					
		e_{NE}	39					
		M_N	23 52	22	8.8			
		$M_{\cdot}$	24 10	20		2.6		

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
25	War.	$ePKP_Z$	$08^h53^m42^s$					Chile, $\Delta = 127^\circ$
		e_Z	58					USCGS: $45^\circ S, 76^\circ W$
	✓	e_N	55 38					$H = 08^h34^m33^s$;
		ei_Z	43					$M = 6\frac{1}{4}-6\frac{1}{2}$ /Berkeley/
		e_E	56 00					$6\frac{3}{4}$ /Pasadena/
		e_Z	04					
		e_E	57 06					
		$ePKS_E$	23					
		e_N	27					
		e_Z	58 18					
		e_E	45					
		$eSKS_N$	09 00 36					
		e_N	01 12					
		e_E	02 43					
		$ePKKS_{NZ}$	06 18					$\Delta = 22\frac{3}{4}^\circ$
		e_N	07 18					
		e_E	13 58					
		e_N	17 28					
		eL_{NE}	30					
		eL_Z	32					
		M_Z	44 20	22			40	
		M_N	51 33	18	20			
		M_E	35	17		24		
								Zmiana papieru
		F	11 00					
	Rac.	$ePKP_{EZ}$	08 53 43					SK-58; ślady
	✓	ei_N	56 02					$\Delta = 125^\circ$
		F	09 10					
	Kra.	$e/PKP/_{NE}$	08 53 47					$\Delta = 126^\circ$
	✓	ePP_{NE}	55 35					
		e_{NE}	58 43					
		e_{NE}	09 03 59					
		eL_{NE}	28					
		M_N	48 59	20	12			
		M_E	51 19	18		8.5		
		F	11 00					

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
25	Cho.	eL_{NE}	09^h35^m s					Chile
		M_E	45.8	12		57		
		F	10 10					
25	Kra.	e_{NEZ}	14 25 30.4					Chariny
		e_{NEZ}	38.4					
		e_{NEZ}	50.4					
26	Kra.	e_{NE}	00 52 40					
		e_{NE}	53 49					
		e_{NE}	55 56					
26	Kra.	eiP_N, eP_E	05 12 34					Albania - Grecja, $\Delta=10^\circ$; USCGS: $40^\circ N, 20^\circ E$, $H=05^h10^m05^s$; M=6½ /Pasadena/
		$i/PPP/_{NE}$	55					
		e_{NE}	13 17					
		iS_{NE}	14 27	ca 4	+	-		dalej zapis nieczytelny, amplitudy > 70 mm
	Rac.	eP_Z	05 12 36.6					$\Delta=10.2^\circ$
		eP_N	39.6					
		ePP_Z	44.6					
		$e/PPP/_E$	13 01.6					
		ei_Z	09.2					
		e_N	22.9					
		ei_E	30.0					
		i_E	49.6					
		i_E	14 12.6					
		ei_Z	16 16.3					
		eiS_{NE}	30.6					
		i_N	43.0					
		ei_E	44.2					
		eSS_Z	45.8					
		e_Z	15 07.6					
		ei_N	21.6					
		ei_E	43.6					
		ei_E	16 01.6					

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
26 /d.c./	Rac.	ei_E	$05^h16^m27^s.8$					
		M_{NE}	16.5	4	139	87		
		M_E	17.4	4		115		
	Cho.	eP_{NEZ}	05 12 38.0					$\Delta=10.3^\circ$
		ePP_Z	43.5					
		$ePPP_E$	50.7					
		e_{NZ}	56.7					
		e_N	13 50.7					
		eS_N	14 36.7					
		eS_E	39.7					
		i_N	15 29.7					
		i_E	52.7					
		M_{NEZ}	18.0	8;8;6	105	57	43	
		F	53					
	War.	iP_Z	05 13 06				+	$\Delta=12.3^\circ$
		eP_N	07		+			
		iPP_Z	11					
		ePP_N	12					
		$iPPP_Z$	25					
		e_E	15 13					
		e_N	15					
		eS_N	29					
		eSS_{NE}	38					
		eSS_Z	42					
		e_N	16 04					
		e_Z	11					
		e_N	25					
		M_N	17 07	6	111			
		F	06 24					
26	Kra.	e_{NE}	10 15 10					
		e_{NE}	29					
		e_{NE}	39					
		e_{NE}	16 26					
		M_E	41 55	11		2.7		
		M_N	42 57	10	2.7			

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
26	Kra.	e_{NEZ}	$20^h 15^m 10^s$					Chariny
		e_{NEZ}	25					
		e_{NEZ}	41					
	Rac.	e_{NE}	29 15 21					SK-58
		e_{NE}	49					
		e_{NE}	16 02					
		F	21					
26	War.	NEZ	20 26-55					Ślady
27	Rac.	Z	20 06-08					SK-58; ślady
27	Kra.	e_{NEZ}	23 14 18					Chariny
		e_{NEZ}	27					
		e_{NEZ}	30					
		e_{NEZ}	35					
28	War.	eL_N	12 06					Ślady; Chile
		eL_E	07					
		eL_Z	11					
		F	50					
	Kra.	eL_N	12 12					
		M_N	15 32	21	2.4			
		M_E	17 52	20		1.6		
29	War.	$eiPP_Z$, ePP_E	07 59 50					Chile, Δ=121°; USCGS: 38°S, 72°W H=$07^h 39^m 29^s$; M=6½ /Pasadena/
		e_{NEZ}	08 00 03					
		e_Z	02 26					
		$ePPP_Z$	39					
		$eSKS_{DE}$	05 36					
		ePS_E	09 44					
		$ePPS_E$	10 07					
		$eSSP_N$	16 40					
		e_N	17 07					
		eL_E	40					
		eL_{NZ}	42					
		M_{NE}	55 20	16;20	7	4.7		
		F	09 25					

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N A_E A_Z [μ μ μ]	Uwagi
29	War.	eL_N	22^h31^m s			Ślady
		eL_E	32			
		F	59			
31	War.	e_Z	00 32 17			
		e_E	39 04			
		e_Z	06			
		e_E	12			
		e_Z	18			
		e_N	19			
31	War.	e_Z	03 03 44			
		e_E	46			
		e_Z	05 20			
		e_N	08/52/			
		e_E	10 31			
		e_E	11 12			
		eL_N	36			
		eL_E	38			
		eL_Z	45			
		M_Z	49 32	18	3	
		M_{NE}	04 02 24	17;15	2.4 1.8	
		F	30			
31	Rac.	eP_{NZ}	11 13 32			SK-58;W-y Podwietrzne, $\Delta=70^\circ$; USCGS: $18^\circ N, 62^\circ W$, $H=11^h02^m20^s$; M=6½-6¾ /Pasadena/
		eP_E	35			
		e_Z	42			
		e_{NE}	49			
		F	26			
	Kra.	eP_{NE}	11 13 40			$\Delta=71^\circ$;
		e_N, ei_E	48			
		e_{NE}	17 08			
		eS_N, eiS_E	22 54	7.5	-	
		$eSKS_{NE}$	23 42			
		M_E	41 06	20	4.0	

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
31	War.	eP_Z	$11^h13^m42^s$					$\Delta=71.5^\circ$
		ei_Z	48	6			7	
		e_E	/52/					
		$ePcP_N$	14 09					
		$ePcP_Z$	09.5					
		e_Z	22/52/					
		eS_N	59					
		eS_E	23 00					
		eSS_N	45					
		eL_N	36					
		eL_{EZ}	40					
		M_{NE}	26	18;22	8	14		
		M_Z	42 22	21			11	
		F	12 20					
31	War.	eL_E	14 25					
		eL_N	28					
		F	40					

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
1	War.	$e/PP/_Z$	$05^h23^m18^s$					Ślady Chile, Δ=121.5°; USCGS: 38°S, 73°W, $H=05^h02^m56^s$
		$ePPP_Z$	26 00					
		eL_E	06 06					
		eL_N	08					
2	Kra.	e_{NE}	05 51 29					
		e_{NE}	34					
		e_{NE}	06 16 46					
		e_{NE}	25 42					
		eL_{NE}	07 10					
		M_E	25 29	18		0.3		
		M_N	46	10	0.2			
2	War.	e_Z	06 17 10					Ślady
		e_E	20 29					
		eL_N	58					
		eL_{EZ}	07 04					
2	War.	$ePKP_N$	07 38 22					Ślady Tonga, Δ=144.5°; USCGS: 19°S, 175°W, $H=07^h19^m10^s$ h=150 km
		e_N	39 05					
		e_N	24					
2	War.	$ePKP_{2Z}$	08 06 02					Nowa Brytania, Δ=118°; USCGS: 5½°S, 151½°E, $H=07^h47^m11^s$ M=6½ /Warszawa/ 6½-6¾ /Pasadena/
		ePP_Z	07 10					
		$eSKS_E$	13 08					
		ePS_N	17 07					
		ePS_{EZ}	09					
		$ePPS_Z$	18 30					
		eL_N	46					
		eL_E	47					
		eL_Z	50					
		M_N	58 13	20	15			
		M_E	15	20		11		
		M_Z	25	20			14	

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N A_E A_Z [μ μ μ]	Uwagi
2	Kra.	e_{NE}	$08^h12^m33^s$			
		e_{NE}	14 05			
		e_{NE}	16 33			
		ei_{NE}	17 03			
		e_{NE}	23 05			
		eL_{NE}	40 20			
		M_E	58 36	18	2.8	
		M_N	59 39	19	3.9	
2	Kra.	eP_{NE}	12 48 25			Iran, Δ=27°; USCGS: 33½°N, 49°E, H=12h42m38s
		e_{NE}	36			
		e_{NE}	55			
		$ePPP_{NE}$	49 27			
		e_{NE}	38			
		e_{NE}	59 46			
	War.	eP_Z	12 48 30			Ślady; Δ=27,5°
		NE	12 52-13 11			
	Rac.	eP_{NEZ}	12 48 35		-	SK-58; Δ=28°
		F	53			
2	Rac.	e_Z	16 01 32			SK-58
		F	04			
2	Rac.	e_Z	16 12 38			SK-58
		e_Z	40			
		F	13			
2	Kra.	$ePKP_{1NEZ}$	19 17 50			Chariny, Fidżi, Δ=147°; USCGS: 20½°S, 178½°W, H=18h59m05s h=550 km
		$eiPKP_{2NEZ}$	51			
		e_{NEZ}	54			
		e_{NEZ}	18 02			
		e_{NEZ}	37			
	Rac.	$ePKP_{1Z}$	19 17 53		+	SK-58; Δ=148°
		$ePKP_{1NE}$	54			
		$ePKP_{2Z}$	58			
		e_w	18 29			

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N A_E A_Z [μ μ μ]	Uwagi
3	Kra.	e_{NEZ}	$02^h38^m36^s.7$			Chariny, Górny Śląsk
		e_{NEZ}	39 08.2			
		ei_{NEZ}	16.4			
		e_{NEZ}	28.2			
		e_{NEZ}	35.2			
	Che.	e_{EZ}	02 39 00.9			Willmore
		e_N	05.7			
		e_Z	06.2			
		e_E	09.0			
		F	25			
3	War.	$iPKP_Z$	13 42 04		+	Fidżi, Δ =142°; USCGS: 17½°S, 179°W, H=$13^h23^m37^s$ h=600 km; M=6 /Pasadena/
		$ePKP_{NE}$	04			
		e_Z	45 22			
		F	50			
	Kra.	$ePKP_{NE}$	13 42 10			Δ =144°
		e_{NE}	19			
		e_{NE}	31			
		e_{NE}	44			
		e_{NE}	43 37			
	Rac.	$iPKP_Z$	13 42 13		+1.2	SK-58; Δ =145°
		$ePKP_{NE}$	14		+ +	
		e_Z	19			
		e_{EZ}	38			
		e_E	43 02			
		i_N	09			
		e_N	44 29			
		F	51			
3	War.	eP_Z	16 29 32			Japonia, Δ =73°; USCGS: 41½°N, 141½°E, H=$16^h18^m04^s$ h=100 km
		epP_Z	50			
		eL_{NE}	58			
		eL_Z	17 03			

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
3	Kra.	eP_{NEZ}	$16^h29^m43^s$					$\Delta=75^\circ$
		$eiPcP_{NEZ}$	45					
		e_{NEZ}	30 58					
		e_{NEZ}	31 48					
		eL_{NE}	17 03					
		M_N	05 38	16	0.7			
		M_E	58	14		0.4		
3	Kra.	e_{NEZ}	21 02 55.5					Chariny
		ei_{NEZ}	03 05.5					
		e_{NEZ}	12.5					
		e_{NEZ}	30.5					
		e_{NEZ}	48.5					
	Rac.	e_Z	21 03 10					SK-58
		e_N	40					
		e_Z	48					
		F	05					
4	Kra.	e_{NE}	08 16 44					
		e_{NE}	58					
		e_N	17 42					
		e_{NE}	29 32					
		e_E	30 04					
	War.	NEZ	08 25-39					Ślady
4	Kra.	ePP_{NE}	11 13 40					Rejon Azorów, $\Delta=36.5^\circ$; USCGS: $39\frac{1}{2}^\circ N, 3\circ\frac{1}{2}^\circ W$, $H=11^h05^m10^s$
		eS_{NE}	17 56					
		eL_{NE}	23					
	War.	eS_E	11 18 05					Ślady; $\Delta=37^\circ$
		eL_{NE}	24					
		F	34					
4	Kra.	i_{NEZ}	14 09 18					Chariny
		ei_{NEZ}	26					
		e_{NEZ}	34					

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
6	War.	iP_Z	$01^h30^m16^s.5$	2.5			-ca2.6	N Kalifornia, Δ=82.5°; USCGS: 41°N, 125°W, H=$01^h17^m48^s$
		e_Z	40					
		eS_N	40 30					
		$eSKS_E$	37					
		ePS_N	41 25					
		eL_{NEZ}	02 01					
		M_{NE}	06 38	23;18	13	10		
		F	36					
	Kra.	eiP_{NEZ}	01 30 22					Chariny Δ=83.5°
		$iPcP_{NEZ}$	25					
		ei_{NEZ}	34					
		e_{NEZ}	49					
	Rac.	iP_Z	01 30 23					SK-58; Δ=83.5°
		eP_{NE}	24					
		e_N	37					
		e_E	39					
		e_Z	43					
		e_Z	31 05					
		F	39					
6	Kra.	$ePKP_{NEZ}$	06 14 45					Chariny Chile, Δ=125°; USCGS: 45½°S, 73½°W, H=$05^h55^m44^s$ M=6¾ /Pasadena/
		e_{NEZ}	49					
		e_{NEZ}	55					
		e_{NEZ}	15 16					
		e_{NEZ}	49					
		ePP_{NEZ}	16 42					
		e_{NEZ}	17 48					
		e_{NEZ}	18 07					
		e_{NE}	29 51					
		e_E	38 58					
		M_N	08 06 11	18	13			Golicyn-Wilip
		F	09 52					

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
6	Rac.	$ePKP_Z$	$06^h14^m49^s$				-	$\Delta=124^\circ$
		e_N	15 04					
		e_E	09					
		e_E	17					
		e_E	22					
		e_N	28					
		ePP_E	16 29					
		e_E	17 15					
		e_N	21					
		ei_E	41					
		M_{NE}	07 05	18	9.5	15		
		M_{NE}	13	18	25			
		M_{NE}	27.5	18	15			
	War.	$ePKP_Z$	06 14 54					$\Delta=127^\circ$
		e_N	15 41					
		ePP_Z	16 50					
		e_E	17 08					
		ei_Z	31					
		e_Z	18 50					
		ei_E	55					
		ei_N	19 11					
		$ePPP_{NE}$	32					
		e_N	20/56/					
		$eSKS_{NEZ}$	21 52					
		ei_{NE}	23 58					
		i_N	25 20					
		i_{NZ}	26 22			+		
		$eiSSS_N$	38 35					
		eL_{NE}	50					
		eL_Z	56					
		M_Z	07 10 32	20			74	
		M_E	13 11	18		62		
		M_N	31	18	68			
		M_N	19 54	17	95			
		F	10 00					

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
6	Cho.	$e/PP/_E$	$06^h16^m25^s$					$\Delta = 124.5^\circ$
		e_E	17 41					
		e_E	18 58					
		e_E	22 49					
		e_E	24 12					
		e_E	28 47					
		M_{NE}	07 08.7	20	86	57		
		M_{NE}	14.7	18	78	56		
		M_{NE}	19.2	17	40	50		
		M_{NE}	31.0	16	42	33		
		F	08 45					
7	Rac.	EZ	12 04-07					SK-58; ślady
	Kra.	e_{NEZ}	12 04 47					Chariny
		e_{NEZ}	51					
		e_{NEZ}	05 16					
7	Kra.	e_{NEZ}	12 58 41					Chariny
		e_{NEZ}	50					
		e_{NEZ}	55					
7	Kra.	eP_{NEZ}	13 08 32					Chariny Kamczatka, $\Delta = 71,5^\circ$ USCGS: $53^\circ N, 158\frac{1}{2}^\circ E$, $H = 12^h57^m12^s$
		iP_{NEZ}	37					
		e_{NEZ}	41					
		$ePcP_{NEZ}$	09 05					
		e_{NEZ}	22					
		e_{NEZ}	10 15					
	Rac.	eiP_Z	13 08 40				+	SK-58; $\Delta = 72^\circ$
		eP_{NE}	42					
		F	13					
?	War.	eP_{NZ}	15 43 33					Ślady M.Arabskie, $\Delta = 48^\circ$; USCGS: $14^\circ N, 57^\circ E$, $H = 15^h34^m50^s$
		ePP_Z	45 24					
		eS_E	50 31					
		eS_Z	36					
	Rac.	NEZ	15 43-51					SK-58; ślady

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
7	Kra.	ePP_{NE}	$15^h45^m16^s$					Chariny $\Delta=47^\circ$
		$ePPP_{NE}$	46 02					
		eSS_{NE}	53 40					
8	Kra.	e_{NEZ}	02 26 49					Chariny
		e_{NEZ}	59					
		e_{NEZ}	27 06					
8	War.	NEZ	08 39-47					Ślady
8	Kra.	P_{NE}	16 27 34					N Atlantyk, $\Delta=42^\circ$; USCGS: $35^\circ N, 35^\circ W$, $H=16^h19^m48^s$
		ePP_E	29 16					
		eS_{NE}	34 08					
		e_{NE}	36 19					
		eL_N	39					
		eL_E	42					
		M_N	43 59	12	0.9			
		M_E	47 06	10		0.6		
	Rac.	eP_{EZ}	16 27 34					SK-58; $\Delta=41^\circ$
		eP_N	4o					
		$ePPP_N$	29 38					
		F	33					
	War.	P_Z	16 27 49					$\Delta=43^\circ$
		eP_E	51					
		$ePcP_Z$	29 40					
		eS_E	34 15					
		eS_N	18					
		eL_N	40					
		eL_{EZ}	44					
		M_N	54	12	5.8			
		M_E	45 33	14		7.5		
		F	17 11					
8	Kra.	e_{NEZ}	20 24 42					Chariny
		e_{NEZ}	45					
		e_{NEZ}	49					

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N A_E A_Z [μ μ μ]	Uwagi
9	War.	eP_Z	$02^h48^m18^s$			E Turcja, $\Delta=18^\circ$; USCGS: $39\frac{1}{2}^\circ$N, $39\frac{1}{2}^\circ$E, $H=02^h44^m08^s$
	✓	$e/S/_E$	51 46			
		$e/S/_N$	48			
		$ePcP_N$	52 51			
		e_Z	54 19			
		e_N	26			
		$ePcS_E$	56 38			
		F	03 05			
	Rac.	eP_{NEZ}	02 48 26			SK-58; $\Delta=18.5^\circ$
	✓	F	58			
	Kra.	e_{NE}	02 49 11			$\Delta=17.5^\circ$
	✓	eS_{NE}	51 35			
		e_N	57 42			
		eL_E	58			
9	Kra.	$e/P/_{NE}$	08 26 26			Cieśn. Otranto, USCGS: $H=08^h24^m00^s$
	✓	$e/S/_{NE}$	28 28			
		e_{NE}	29 34			
		eL_N	31			
		eL_E	33			
	Rac.	e_Z	08 26 40			SK-58
	✓	e_N	27 08			
		e_{NE}	29			
		e_{NE}	30 24			
		F	36			
	War.	e_E	08 30 11			
	✓	e_Z	16			
		e_N	18			
		eL_{NEZ}	31			
		M_N	32 47	9	7.5	
		F	44			
9	Kra.	e_{NE}	11 18 48			
	X	e_{NE}	21 29			

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N A_E A_Z [μ μ μ]	Uwagi
9	Kra.	e_{NE}	$11^h23^m06^s$			
		e_{NE}	26 44			
9	War.	$ePKP_Z$	11 43 24			Nowe Hebrydy, Δ=137.5°; USCGS: 18°S, 169°E, H=$11^h23^m51^s$ M=5¾-6 /Berkeley/
		ePP_Z	46 07			
		$ePKS_{NE}$	/58/			
		$ePPS_E$	58 23			
		eL_{NEZ}	12 38			
		F	13 00			
	Kra.	$ePKS_{NE}$	11 47 04			Δ=139.5°
		e_{NE}	12 01 42			
		eL_N	33			
		eL_E	44			
9	Kra.	eP_{NE}	17 54 34			Azory, Δ=34.5°; USCGS: 38°N, 26°W, H=$17^h47^m41^s$
		ei_E	42			
		e_{NE}	56 34			
		eS_{NE}	18 00 05			
		eL_{NE}	04			
	War.	eP_Z	17 54 44			Δ=35.5°
		ePP_E	56 07			
		$ePPP_Z$	22			
		eS_{NE}	18 00 18			
		eL_{NE}	06			
		F	48			
10	War.	$ePKP_Z$	21 31 35			Rejon Samoa, Δ=141.5°; USCGS: 15½°S, 174°W, H=$21^h12^m05^s$; M=5½ /Berkeley/
		ePP_Z	34 42			
		$ePKS_N$	35 12			
		$ePKS_E$	18			
		$eSSP_N$	53 49			
		eL_{NE}	22 31			
		F	23 00			

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N A_E A_Z [μ μ μ]	Uwagi
10	Kra.	$ePKP_{NE}$	$21^h 31^m 39^s$			$\Delta=143.5^\circ$
		e_{NE}	54 00			
		eL_N	22 30			
		M_N	39 42	20	1.2	
	Rac.	$ePKP_{EZ}$	21 31 43			SK-58; $\Delta=144^\circ$
		$ePKP_N$	45			
		F	34			
11	Cho.	e_{NEZ}	00 17 40.1		-	Górny Śląsk
		i_Z	43.3			
		M_Z	48	0.8	2.2	
		F	18 22			
	Kra.	e_{NEZ}	00 17 48.5			Chariny
		e_{NEZ}	50.5			
		e_{NEZ}	56			
		e_{NEZ}	18 17			
	Rac.	e_{NE}	00 17 51			SK-58
		e_{EZ}	18 15			
		e_Z	24			
		e_{NEZ}	33			
		e_N	41			
		F	21			
11	Kra.	$eSKS_{NE}$	00 58 36			Boliwia, $\Delta=102.5^\circ$; USCGS: $21^\circ S, 64\frac{1}{2}^\circ W$, $H=00^h 34^m 48^s$ $h=300$ km
		e_{NE}	47			
	War.	$eSKS_E$	00 58 41			Ślady; $\Delta=104^\circ$
		e_E	59 24			
11	War.	PKP_Z	15 33 06			W-y D'Entrecasteaux, $\Delta=121.5^\circ$; USCGS: $9^\circ S, 152\frac{1}{2}^\circ E$, $H=15^h 14^m 07^s$ M=6 /Berkeley/ 6.8 /Warszawa/
		ePP_E, iPP_Z	34 45	6	+ca9.2	
		e_Z	35 06			
		e_E	27			
		ei_Z	31			
		e_N	49			

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
11 /d.c./	War.	$ePPP_{EZ}$	$15^h37^m18^s$					
		$eSKS_{DN}$	40 11					
		e_N	42 41					
		e_E	48					
		e_N	45 11					
		e_{EZ}	46/59/					
		$eScSPKP_E$	48 25					
		$eSSS_Z$	55 39					
		e_E	56 25					
		eL_E	16 07					
		eL_N	10					
		M_N	16 22	22	29			
		M_E	43	22		19		
		M_Z	25 29	21			18	
		M_{NE}	49	20	20	19		
	Rac.	$ePKP_{NZ}$	15 33 12					SK-58; Δ=124.5°
		e_N	16					
		e_E	20					
		F	44					
	Kra.	PP_{NE}	15 34 52					Δ=123°
		$eSKS_{DNE}$	40 24					
		e_{NE}	43 36					
		PS_{NE}	44 49					
		eL_{NE}	53					
		M_N	16 20 02	17	6.2			
		M_E	25 52	22		4.3		
		M_N	17 39 18	20	6.5			maksimum drugiego trzęsienia
11	War.	$ePKP_Z$	16 56 39					W-y D'Entrecasteaux, Δ=122°; USCGS: 9½° S, 152½° E, H=$16^h37^m40^s$
		ePP_Z	58 16					
		ePP_E	19					
		$eSKS_Z$	17 03 46					
		$eSSP_Z$	15 06					
		e_Z	17 54					
		M_N	40 01	20	21			

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
11 /d.c./	War.	M_E	$17^h48^m51^s$	18		18		
		M_Z	49 06	22			16.5	
		M_N	15	19	18			
		F	19 20					
	Rac.	$ePKP_{EZ}$	16 56 45					SK-58; Δ=124.5°
		e_{NZ}	49					
		e_E	52					
		e_E	57 29					
		F	17 12					
11	Kra.	e_{NEZ}	17 56 45					Chariny
		e_{NEZ}	48					
		e_{NEZ}	57 08					
12	Kra.	$ePKP_{1NEZ}$	04 15 27					Chariny Fidżi, Δ=149°; USCGS: 22½°S, 179°W, H=$03^h56^m44^s$, h=600 km
		$ePKP_{2NEZ}$	33					
		e_{NEZ}	50					
12	Kra.	$e/PKP_1/_{NEZ}$	07 18 06					Chariny Kermadec, Δ=155°; USCGS: 29½°S, 179°W, H=$06^h58^m12^s$ h=250 km
		e_{NEZ}	11					
		$e/PKP_2/_{NEZ}$	34					
	Rac.	$e/PKP_1/_Z$	07 18 10			+		SK-58; Δ=156°
		F	20					
12	War.	eL_{NE}	08 31					Ślady
		F	46					
12	Kra.	e_{NEZ}	22 41 11					Chariny
		e_{NEZ}	21					
12	Kra.	e_{NE}	23 12 17					
		e_{NE}	14 06					
		e_{NE}	15 12					
		e_{NE}	49					
		e_{NE}	17 06					

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
12	Rac.	e_{NZ}	$23^h12^m54^s$					SK-58
		e_Z	13 12					
		e_{NE}	15 32					
		e_E	16 07					
		e_Z	25					
		F	22					
	War.	e_N	23 15 05					
		e_E	07					
		e_E	45					
		e_N	51					
		e_Z	16 12					
		e_E	20					
		F	24					
13	War.	eL_N	06 53					Ślady
		F	07 06					
14	Kra.	e_{NEZ}	16 10 59					Chariny
		e_{NEZ}	11 05					
		e_{NEZ}	17					
		e_{NEZ}	39					
	Rac.	e_E	16 11 22					SK-58
		e_N	47					
		e_N	12 24					
		F	13					
14	Cho.	e_{NEZ}	21 50 58.2					Górny Śląsk
		e_Z	51 01.5					
		M_Z	08	1.1		0.9		
		F	23					
	Kra.	e_{NEZ}	21 51 05.3					Chariny
		e_{NEZ}	27.8					
		e_{NEZ}	39.3					
		e_{NEZ}	44.8					

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N A_E A_Z [μ μ μ]	Uwagi
15	Kra.	e_{NE}	$04^h59^m34^s$			Chariny
		e_{NE}	43			
		e_{NE}	49			
		e_{NE}	56			
15	War.	iP_Z	15 48 31.5	3	+ca2.6	Hondo, Japonia, $\Delta=74^\circ$; USCGS: $41^\circ N, 142\frac{1}{2}^\circ E$, $H=15^h36^m51^s$
		eP_N	34			
		$ePcP_Z$	44			
		e_Z	49 09			
		$ePPP_N$	53/01/			
		eS_N	57 58			
		eS_E	58/01/			
		$eSKS_{NE}$	31			
		eL_N	16 17			
		eL_{EZ}	20			
		M_E	23 27	21	7	
		M_N	25 00	17	11	
		F	46			
	Kra.	P_{NE}	15 48 44	1.5		$\Delta=75.5^\circ$
		e_{NE}	57 34			
		$eScS_{NE}$	58 49			
		eL_{NE}	16 18			
		M_N	25 27	18	4.2	
		M_E	30 06	14	1.0	
	Rac.	eP_{EZ}	15 48 48			SK-58; $\Delta=76.5^\circ$
		$ePcP_{EZ}$	49 01			
		e_E	24			
		e_Z	38			
		F	16 02			
15	Kra.	e_{NE}	21 31 45			Chariny
		e_{NE}	55			
		e_{NE}	32 09			
	Rac.	e_Z	21 31 50			SK-58; ślady
		F	33			

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N A_E A_Z [μ μ μ]	Uwagi
15	Rac.	e_Z	$23^h10^m10^s$			SK-58; ślady
		e_Z	41			
		F	13			
15/16	Kra.	e_{NE}	23 45 56			
		e_{NE}	51 55			
		e_{NE}	55 33			
		eL_N	00 21			
	War.	e_Z	23 51 17			Ślady
		e_N	36			
		e_Z	52 04			
		eL_{NE}	00 20			
	Rac.	e_{EZ}	23 51 57			SK-58; ślady
		e_Z	52 04			
		F	58			
16	War.	eL_N	00 54			
		eL_{EZ}	01 02			
		F	48			
16	Kra.	e_{NE}	06 24 18			Chariny
		e_{NE}	20			
16	Kra.	e_{NE}	10 30 08			Ślady
		e_{NE}	35 58			
		eL_{NE}	11 00			
17	Rac.	e_{NZ}	14 00 28			SK-58
		e_{NE}	35			
		e_Z	39			
		e_E	46			
		i_N, e_Z	01 12			
		F	03			
17	War.	e_Z	16 47 21			Ślady
		e_N	25			
		e_Z	34			

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N A_E A_Z [μ μ μ]	Uwagi
17 /d.c./	War.	e_N	$16^h57^m40^s$			
		eL_N	17 17			
		eL_{EZ}	23			
	Kra.	e_{NE}	16 47 35			
		e_{NE}	47			
		e_{NE}	48 15			
		e_E	57 58			
		eL_N	18 20			
		eL_E	27			
	Rac.	e_Z	16 47 36			SK-58
		e_{NEZ}	37			
		i_N	54			
		e_N	48 40			
		F	17 01			
18	Kra.	e_{NE}	02 22 59			Chariny
		e_{NE}	23 02			
		e_{NE}	15			
		e_{NE}	48			
		e_{NE}	58			
18	Kra.	ei_{NEZ}	18 01 17			Chariny
		ei_{NEZ}	28			
		e_{NEZ}	35			
		e_{NEZ}	49			
	Rac.	e_{EZ}	18 01 29			SK-58
		e_E	36			
		i_N, e_Z	02 08			
		F	04			
19	Rac.	e_{NEZ}	03 39 14			SK-58
		i_N	20			
		ei_Z	24			
		e_E	28			
		e_{EZ}	33			
		F	41			

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N A_E A_Z [μ μ μ]	Uwagi
19	Rac.	e_Z	$08^h 59^m 58^s$			SK-58
		e_E	09 00 00			
		i_N, e_{EZ}	12			
		i_N	14			
		F	02			
	Kra.	ei_{NEZ}	09 00 08			Chariny
		e_{NEZ}	16			
		e_{NEZ}	19			
		i_{NEZ}	30			
		e_{NEZ}	39			
		e_{NEZ}	49			
19	Kra.	e_{NEZ}	12 46 21			Chariny
		e_{NEZ}	37			
		e_{NEZ}	43			
19	Cho.	e_{NEZ}	14 09 47.5			Willmore Górny Śląsk
		F	10 12			
	Kra.	e_{NEZ}	14 10 00			Chariny
		e_{NEZ}	10			
		i_Z, e_{NE}	11			
		e_N	35			
		e_N	51			
		e_N	58			
19	Kra.	e_{NEZ}	17 30 15			Chariny
		e_{NEZ}	19			
		e_{NEZ}	31			
		e_{NEZ}	38			
	Rac.	e_{EZ}	17 30 19			SK-58
		e_E	26			
		e_Z	44			
		F	32			
19	Kra.	el_N	18 04			Ślady
		F	17			

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
19	War.	eL_{NE}	18^h06^m s					
		eL_Z	11					
		F	15					
20	War.	$ePKP_Z$	02 20 06					Chile, Δ=121.5°; USCGS: 38°S, 73½°W, H=02h01m08s, M=7 /Pasadena/ 7½ /Berkeley/ 7½ /Warszawa/
		e_{NZ}	21					
		iPP_Z	21 34					
		ePP_{NE}	36					
		e_{NE}, i_Z	52					
		$ePPP_E$	24 15					
		$e/PPP/_Z$	24					
		e_E	27 01					
		e_N	06					
		i_E	28 44					
		$eiPS_E$	31 29					
		ei_N	39					
		ei_Z	43					
		$ePPS_Z$	32 58					
		$ePPS_E$	33 02					
		$ePKKS_E$	55					} Δ=238.5°
		$ePKKS_N$	59					
		eSS_E	38 16					
		$eiSS_N$	20					
		e_N	41 27					
		eL_{NE}	57					
		eL_Z	03 00					
		M_E	07 22	23		75		
		M_Z	27	23			55	
		M_N	08 38	21	87			
		M_N	17 37	17	95			
		M_E	18 17	17		57		
		F	05 30					
	Cho.	$ePKP_N$	02 20 07					Δ=120°
		e_E	21 07					
		e_N	22 16					
		$ePPP_E$	23 59					

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
20 /d.c./	Cho. ✓	$eSKKS_N$	$02^h28^m18^s$					
		M_{NE}	03 07.5	20	71	29		
		M_{NE}	12.4	18	43	31		
		M_E	17.2	18		33		
		F	04 15					
	Kra. ✓	$ePKP_{NE}$	02 20 10					$\Delta=120^\circ$
		e_{NE}	42					
		PP_{NE}	21 37					
		$eSKS_{ANE}$	26 55					
		$e/SKKS/_{NE}$	28 25					
		e_{NE}	29 38					
		$e/PS/_{NE}$	31 29					
		$ePPS_N$	37					
		e_E	49					
		eL_N	32					
		eL_E	45					
		M_E	03 08 39	20		16.5		
		M_N	14 11	18	10.6			
		F	05 31					
	Rac. ✓	e_E	02 20 24					$\Delta=119^\circ$
		e_N	31					
		e_N	21 36					
		e_N	22 33					
		e_E	42					
		e_E	23 26					
		$ePKS_N$	30					
		e_E	43					
		e_E	24 32					
		e_E	27 37					
		$eSKKS_E$	28 16					
		eL_{NE}	31	20				
		M_{NE}	03 06.2	18	48	50		
		M_{NE}	11	20	45	94		
		M_{NE}	19.6	18	24	50		
		F	40					

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
20	Kra.	$ePKP_{NE}$	$13^h 18^m 34^s$					Chile, Δ=121°; USCGS: 39½°S, 73°W, $H=12^h 59^m 40^s$; M=6¾ /Pasadena/
		e_{NE}	19 08					7 /Berkeley/
		e_{NE}	53					7.2 /Warszawa/
		ePP_E	20 07					
		e_{NE}	22 34					
		e_{NE}	23 07					
		e_{NE}	24 32					
		$eSKS_{ANE}$	25 33					
		PS_{NE}	30 05					
		eL_N	44					
		eL_E	57					
		M_E	14 12 07	18		9.5		
		M_N	14	18	13			
		F	16 13					
	War.	$ePKP_Z$	13 18 39					Δ=122°
		PP_Z	20 08					
		ePP_{NE}	12					
		PPP_Z	22 47					
		$ePPP_E$	51					
		$ePPP_N$	53					
		$eSKS_{AE}$	25 33					
		$eSKKS_E$	27 /04/					
		ePS_E	30 03					
		ePS_N	/04/					
		e_Z	23					
		eSS_N	36 53					
		ei_N	40 24					
		eL_{NEZ}	58					
		M_E	14 06 57	23		38		
		M_N	07 39	23	43			
		M_Z	09 56	20			37	
		M_E	13 08	18		36		
		M_N	17	18	51			
		F	16 00					

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
20	Rac.	e_N	$13^h19^m19^s$					$\Delta=120^\circ$
		e_Z	44					
		ePP_{NE}	20 08					
		e_Z	13					
		e_N	29					
		e_E	37					
		e_E	21 41					
		$ePPP_N$	22 30					
		e_E	48					
		e_N	23 23					
		e_E	24 25					
		eL_{NEZ}	14 00					
		M_{NE}	07	20	30	31		
		M_{NEZ}	13	20	30	37	33	
		M_N	15	18	29			
		M_E	16	18		44		
		F	40					
	Cho.	e_E	13 19 50					$\Delta=120.5^\circ$
		e_N	20 20					
		$eSKKS_N$	26 57					
		ePS_N	29 58					
		M_{NE}	14 11.2	20	29	29		
		F	40					
21	Cho.	e_N, i_{EZ}	14 52 19.3				+	Willmore Górny Śląsk
		M_Z	26	0.8			4	
		F	54					
	Kra.	e_{NE}	14 52 55					
		e_{NE}	53 05					
		e_{NE}	55 34					
21	Kra.	e_{NEZ}	15 07 32					Chariny
		e_{NEZ}	38					
		e_{NEZ}	53					
		e_{NEZ}	08 08					

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N A_E A_Z [μ μ μ]	Uwagi
22	Rac.	i_{NEZ}	$22^h31^m00^s.5$		-	SK-58
		e_E	03			
		F	15			
22	Kra.	e_{NE}	16 20 52			
		e_{NE}	21 07			
		e_{NE}	23 07			
		e_{NE}	43			
		e_{NE}	24 06			
	War.	e_Z	16 20 59			Ślady
		e_E	28 10			
	Rac.	e_{NEZ}	16 21 00			SK-58
		e_N	08			
		F	26			
22	Kra.	e_{NEZ}	23 40 49			Chariny
		e_{NEZ}	41 01			
		e_{NEZ}	51 17			
23	Kra.	e_{NEZ}	15 55 27			Chariny
		e_{NEZ}	32			
		e_{NEZ}	49			
	Rac.	e_E	15 56 30			SK-58
		e_E	40			
		F	58			
24	Rac.	e_E	13 59 59			SK-58
		e_N	14 00 06			
		e_E	09			
		F	02			
24	Kra.	e_{NEZ}	14 43 31			Chariny
		e_{NEZ}	52			
		e_{NEZ}	44 03			
		e_{NEZ}	33			

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N A_E A_Z [μ μ μ]	Uwagi
25	War.	Z	02^h22^m28			Ślady
25	Rac.	e_{NE}	08 45 25			SK-58
		e_{NE}	46			
		F	47			
25	Rac.	e_N	14 33 27			SK-58
		e_{NE}	31			
		e_E	41			
		e_N	44			
		e_E	49			
		F	36			
	Kra.	e_{NE}	14 34 04			Ślady
		e_{NE}	49			
25	War.	e_Z	15 01 39			Ślady
		e_Z	49			
		eL_{NEZ}	16 00			
		F	17 05			
	Kra.	e_{NE}	15 01 46			
		e_{NE}	02 12			
		e_{NE}	05 54			
		eL_N	16 02			
		eL_E	03			
		F	56			
	Rac.	e_E	15 01 59			SK-58
		e_Z	02 16			
		e_{NE}	17			
		e_{EZ}	30			
		e_E	44			
		F	11			
25	Kra.	e_{NEZ}	20 04 25			Chariny
		e_{NEZ}	29			
		e_{NEZ}	35			

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N A_E A_Z [μ μ μ]	Uwagi
25	Kra.	e_E	$20^h 14^m 54^s$			
		e_{NE}	20 35			
		e_{NE}	21 18			
		e_{NE}	24 33			
		e_{NE}	30 08			
	Rac.	E	20 18-25			SK-58; ślady
	War.	NEZ	20 19-31			Ślady
27	Kra.	e_{NEZ}	19 58 29			Chariny
		e_{NEZ}	33			
		e_{NEZ}	59 00			
27	Cho.	e_Z	23 21 16.7		-	Górny Śląsk
		e_{NE}	17.0			
		M_N	19	1.1 10.5		
		M_Z	20	1.1	3.3	
		F	48			
	Kra.	e_{NEZ}	23 21 28.6			Chariny
		e_{NEZ}	37			
		e_{NEZ}	49			
		e_{NEZ}	53			
	Rac.	e_{NE}	23 21 31			SK-58
		e_N	56			
		e_Z	59			
		e_E	22 05			
		e_N	09			
		F	24			
28	Kra.	e_{NEZ}	01 39 40			Chariny
		e_{NEZ}	50			
		e_{NEZ}	56			
28	Kra.	i_{NEZ}	18 27 45			Chariny
		e_{NEZ}	57			
		e_{NEZ}	28 06			

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N A_E A_Z [μ μ μ]	Uwagi
28	Kra.	e_E	$21^h 26^m 39^s$			Ślady
		e_{NE}	28 29			
		e_{NE}	32 26			
29	Kra.	e_E	03 06 30			Ślady
		eL_E	07			
	War.	eL_E	03 07			Ślady
		eL_N	09			
		F	21			
29	Kra.	ei_{NE}	10 28 28			
		e_{NE}	44			
		e_{NE}	29 22			
		e_{NE}	31 33			
		eL_N	40			
29	Kra.	e_{NEZ}	11 55 40			Chariny
		e_{NEZ}	46			
		e_{NEZ}	55			
29	Cho.	e_{NE}	14 41 15.4			Willmore Górny Śląsk
		e_Z	15.8			
		F	38			
	Kra.	e_{NEZ}	14 41 28.5			Chariny
		ei_{NEZ}	40			
		e_{NEZ}	49.5			
29	Kra.	e_{NEZ}	17 18 55			Chariny
		e_{NEZ}	19 03			
		e_{NEZ}	14			
30	Kra.	ei_{NEZ}	20 09 43.5			Chariny
		ei_{NEZ}	10 07			
		e_{NEZ}	36			

Z.Gryglewicz

H.Skoczek

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Obserwatoria Zakładu Geofizyki Polskiej Akademii Nauk

WARSZAWA /War. $\varphi = 52^{\circ}14'30''$ N, $\lambda = 21^{\circ}01'25''$ E, h=119 m/

Golicyn-Wilip	N	E	Z
T_1	11,64 sek.	11,10 sek.	7,42 sek.
T_2	11,50 sek.	11,57 sek.	11,36 sek.
$\mu 2$	-0,303	+0,077	+0,044
k	43,5	49,5	98,3
l_o	11,527 cm	11,357 cm	14,900 cm
A	100,0 cm	100,0 cm	102,0 cm
V_o	1381,91	1601,10	2434,32
R	30 mm/min.	30 mm/min.	30 mm/min.

KRAKÓW /Kra. $\varphi = 50^{\circ}03'1$ N, $\lambda = 19^{\circ}56'2$ E, h=233 m/

Golicyn-Wilip	N	E
T_1	12,05 sek.	11,78 sek.
T_2	3,37 sek.	4,13 sek.
D_1	0,48	0,45
D_2	1,00	0,74
$\sigma 2$	0,028	0,043
V_o	1830,0	1650,0
R	30 mm/min.	30 mm/min.

Sejsmografy elektrodynamiczne SK-58

	N	E	Z
T_1	1.781 sek.	1.757 sek.	1.763 sek.
T_2	0,383 sek.	0.376 sek.	0.362 sek.
D_1	0.700	0.699	0.702
D_2	2.990	3.016	3.016
$\sigma 2$	0.263	0.314	0.165
V_o	6050	6050	4000
R	60 mm/min.	60 mm/min.	60 mm/min.

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Charin	N	E	Z
T_1	1.50 sek.	1.50 sek.	1.00 sek.
T_2	0.36 sek.	0.38 sek.	0.29 sek.
D_1	0.75	0.75	0.75
D_2	2.00	2.00	2.00
$\sigma 2$	0.50	0.50	0.45
V_o	19680	16420	19650
R	60 mm/min.	60 mm/min.	60 mm/min.

RACIBÓRZ /Rac. φ=50°05′ N, λ=18°11′ 39″ E, h=209 m/

Mainka	N	E	Z
M	1050 kg	1050 kg	750 kg
T_1	6,19 sek.	6,25 sek.	2,15 sek.
D_1	0,228	0,311	0,138
V_o	158	101	163
R	30 mm/min.	30 mm/min.	30 mm/min.

Sejsmografy elektrodynamiczne SK-58

	N	E	Z
T_1	2.30 sek.	2.31 sek.	1.74 sek.
T_2	0,35 sek.	0.34 sek.	0.32 sek.
D_1	0.70	0.70	0.70
D_2	3.00	3.00	3.00
$\sigma 2$	0.065	0.04	0.127
V_o	1500	1550	1500
R	60 mm/min.	60 mm/min.	60 mm/min.

Sejsmografy elektrodynamiczne SD-57

T_1	12.3 sek.	12.2 sek.	12.5 sek.
T_2	0.90 sek.	0.94 sek.	0.71 sek.
D_1	0.45	0.45	0.45
D_2	5.0	5.0	5.0
$\sigma 2$	0.0017	0.0010	0.029
V_o	600	600	600
R	30 mm/min.	30 mm/min.	30 mm/min.

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Obserwatoria Głównego Instytutu Górnictwa

BYTOM /Byt. φ = 50° 21′ 44″ N, λ = 18° 54′ 52″ E, h = 283 m/

Mainka	N	E
M	420 kg	420 kg
T_1	5.91 sek.	5.42 sek.
D_1	0.0056	0.086
V_o	70	75
R	30 mm/min.	30 mm/min.

DABROWA GÓRNICZA /Dąb. φ = 50° 19′ 45″ N, λ = 19° 12′ 51″ E, h = 275 m/

Mainka	N	E
M	750 kg	750 kg
T_1	5,91 sek.	5,42 sek.
D_1	0,0085	0,0233
V_o	125	180
R	30 mm/min.	30 mm/min.

ZABRZE /Zab. φ = 50° 18′ 05″ N, λ = 18° 47′ 40″ E, h = 258 m/

Mainka	N	E
M	570 kg	570 kg
T_1	6,68 sek.	6,46 sek.
D_1	0,0122	0,0085
V_o	50	70
R	30 mm/min.	30 mm/min.

Stacja Sejsmologiczna przy Planetarium i Obserwatorium Astronomicznym w Chorzowie

CHORZÓW /Cho. φ = 50° 17′ 33″ N, λ = 18° 59′ 30″ E, h = 316 m/

Wichert	N	E	Z
M	1000 kg	1000 kg	1450 kg
T_1	5,60 sek.	5,60 sek.	2,10 sek.
D_1	0,167	0,194	0,215
V_o	114	130	227
R	15 mm/min.	15 mm/min.	30 mm/min.

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Willmore	N	E	Z
T_1	1.10 sek.	1.10 sek.	0.82 sek.
T_2	0.280 sek.	0.288 sek.	0.311 sek.
D_1	0.977	0.906	0.939
D_2	0.622	0.712	0.574
$\sigma 2$	0.00029	0.00029	0.00029
V_o	1580	1640	1960
R	60 mm/min.	60 mm/min.	60 mm/min.

Stałe:

M - masa sejsmografu
T_1 - okres sejsmografu
T_2 - okres galwanometru
D_1 - stała tłumienia sejsmografu
D_2 - stała tłumienia galwanometru
$\mu 2$ - stała tłumienia /przy układzie Golicyn-Wilip/
$\sigma 2$ - współczynnik zależności sejsmografu od galwanometru
l_o - długość zredukowana wahadła
A - odległość od zwierciadła galwanometru do bębna rejestrującego
k - współczynnik przejścia
V_o - powiększenie statyczne
R - prędkość rejestracji

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N	A_E	A_Z	Uwagi
			h m s	s	μ	μ	μ	
1	War.	iP_Z	08 10 08				-	W-y Komandorskie, △=68°;USCGS: 56°N,165°E, H=07h58m58s
		$ePcP_Z$	26					
		eL_{NEZ}	38					
		F	09 10					
	Kra.	eP_{NE}	08 10 15					△=70.5°
		e_{NE}	27					
		eL_{NE}	39					
		M_N	43 44	15	1.1			
		M_E	51	13		0.5		
2	Kra.	e_{NE}	12 14 48					W-y Sandwich, △=113°;USCGS: 56°S,27°W, H=11h55m41s
		ePS_{NE}	24 52					
	War.	e_Z	12 15 22					△=115° Mikrosejsmy
		ePP_Z	29					
		e_N	16 24					
		e_N	44					
		$eiSKS_E$	21/12/					
		e_Z	24 06					
		ePS_Z	25 04					
		$eScSP_N$	10					
		$e/SS/_E$	31/12/					
		e_N	49					
3	Cho.	i_{NE}	00 27 51.6					Górny Śląsk
		e_Z	52.8					
		M_{NE}	53	0.9	13 22			
		M_Z	56	0.9		2.3		
		F	28 12					
	Kra.	e_{NEZ}	00 28 05.5					Chariny
		ei_{NEZ}	15.5					
		e_{NEZ}	27					
3	Kra.	e_{NEZ}	03 15 42					Chariny
		e_{NEZ}	51.5					
		e_{NEZ}	56					

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N	Amplituda A_E	Amplituda A_Z	Uwagi
			h m s	s	μ	μ	μ	
3	Kra.	e_{NEZ}	12 29 08					Chariny
		e_{NEZ}	19					
		e_{NEZ}	24					
		e_{NEZ}	44					
3	War.	iP_{NZ}	20 32 41	ca 6;5	+7.4		-	W-y Andrejanowa, Aleuty; Δ=76.5°;
		eP_E	42					USCGS: 50½°N, 177°W,
		$iPcP_N, ePcP_E$	47					H=20h20m46s
		$eiPcP_Z$	47	6.5			-	M=6.5 /Warszawa/
		ei_N	52					6½ /Berkeley/
		e_N, i_Z	33 01				+	
		e_E	02					
		iPP_N, ePP_Z	35 35					
		i_N	36 29					
		$ePPP_N$	37 19					
		$ePPP_Z$	24					
		e_E	38 52					
		e_E	40 25					
		eiS_E, eS_Z	42 23					
		eiS_N	25					
		Sm_N	33	6		15		
		$iSKS_N$	44					
		$eScS_N$	53					
		$eScS_Z$	54					
		ePS_N	43 05					
		$ePPS_E$	11					
		$ePPS_N$	/13/					
		$ePPS_Z$	25					
		e_Z	38					
		ei_E	43					
		eSS_{EZ}	47 22					
		e_E	49 27					
		$eSSS_N$	50 36					
		$eSSS_E$	37					
		$eSSSS_N$	52 19					
		eL_{NZ}	21 01					
		eL_E	03					
		M_N	10 43	17.5		23		

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N	Amplituda A_E	Amplituda A_Z	Uwagi
			h m s	s	μ	μ	μ	
3	War. /d.c./	M_E	21 10 45	18		10		
		M_E	12 17	12		7		
		M_N	18	17	13			
		M_Z	15 00	14			13	
		F	35					
	Cho.	eP_{NE}	20 32 53					Δ=78.8°
		eS_N	42 44					
		e_E	21 09 51					
		e_N	55					
		M_{NE}	16.8	14	12	12		
		F	30					
	Kra.	eiP_N, eP_E	20 32 53	ca 6				Δ=78.5°
		ei_{NE}	33 12					
		e_{NE}	34 55					
		e_{NE}	36 06					
		eiS_{NE}	42 51	6.5;6	-	-		
		eL_N	21 02					
		M_N	12 28	17	6			
		M_E	33	15		2.6		
		M_N	16 44	14.5	3			
		F	23 10					
	Rac.	eP_Z	20 32 54					Δ=79°
		eP_N	55					
		eP_E	56.6					
		$eiPcP_E$	33 04					
		e_Z	14					
		e_N	25					
		e_Z	44					
		e_E	34 12					
		e_N	51					
		ePP_N	35 59					
		e_E	36 16					
		e_Z	37					

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N A_E A_Z	Uwagi
			h m s	s	μ μ μ	
3	Rac. /d.c./	e_N	20 37 04			
		e_E	15			
		e_Z	38 08			
		e_E	51			
		eS_E	42 48			
		$e/S/_Z$	59			
		eL_{NEZ}	21 03			
		F	23			
3	Kra.	e_{NEZ}	21 45 48			Chariny
		e_{NEZ}	55			
		e_{NEZ}	59			
		ei_N	46 10			
3	War.	iP_Z	23 04 21		+	W-y Andrejanowa, Aleuty, Δ=76.5°; USCGS: 50½°N, 177°W, H=22h58m24s
		eP_N	22			
		$ePcP_Z$	29			
		eS_N	14 08			
		$eSKS_N$	25			
		ePS_N	38			
		$ePPS_N$	15 02			
		e_N	59			
	Kra.	eP_{NE}	23 04 31			Ślady; Δ=78.5°
		e_{NE}	48			
		e_{NE}	05 08			
4	War.	eP_{NE}, eiP_Z	04 40/13/			W-y Królowej Charlotty, Δ=73,5°; USCGS: 52°N, 131.5°W, H=04h28m33s M=6½-6¾ /Pasadena/ 6.7 /Warszawa/
		$ePcP_N$	25			
		$ePcP_Z$	32			
		e_Z	42 29			
		ePP_Z	56			
		e_E	44 50			
		e_Z	52			
		e_E	47 11			
		e_E	54			

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N	A_E	A_Z	Uwagi
			h m s	s	μ	μ	μ	
4	War. /d.c./	eS_N	04 49 35					
		eS_E	45					
		i_N	49	8	-17			
		ei_E	57					
		$e/SKS/_Z$	50 01					
		$eSKS_N$	07					
		$iPPS_E$	23					
		eSS_N	54 20					
		$eSSS_Z$	57 42					
		eL_E	05 03					
		eL_{NZ}	05					
		M_Z	12 03	20			55	
		M_{NE}	08	20;16	77	25		
		F	07 07					
Kra.		eP_{NE}	04 40 22					$\Delta=75^\circ$
		e_{NE}	41 51					
		ePP_{NE}	43 10					
		e_{NE}	50 08					
		Sm_E	18	10		1.8		
		e_{NE}	51 07					
		eL_{NE}	05 05					
		M_N	12 29	22	31			
		M_E	37	15		4.6		
		M_N	16 46	17	14			
		M_E	18 58	14		6		
		F	07 40					
Rac.		eP_N	04 40 23					$\Delta=75^\circ$
		e_E	47					
		e_Z	41 11					
		e_E	19					
		e_E	43					
		e_N	45					

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N	A_E	A_Z	Uwagi
			h m s	s	μ	μ	μ	
4	Rac. /d.c./	e_Z	04 42 05					
		eL_{NEZ}	05 04					
		M_{NE}	15.7	14	12.5	13		
		F	30					
	Cho.	$ePcP_{NE}$	04 40 38		-	-		$\Delta=74.7^\circ$
		e_{NE}	05 05 43					
		M_{NE}	15	16	33			
		F	06 00					
4	War.	$/P/_Z$	13 21 50				+	W-y Królowej Charlotty, $\Delta=73.5^\circ$; USCGS: 52°N, 131°W, H=13h10m05s
		e_Z	22 40					
		$e/S/_E$	31 21					
		ei_N	27					
		e_E	31					
		eL_E	47					
		eL_{NZ}	50					
		M_N	53 36	18	5.4			
		M_E	38	16		2.6		
		F	14 34					
	Kra.	eP_{NE}	13 21 56					$\Delta=75^\circ$
		$e/SKS/_{NE}$	31 47					
		eL_{NE}	47					
		M_N	56 04	17	1.4			
		M_E	09	17		0.9		
4	Cho.	ei_{NZ}, e_E	13 28 07		-		-	Górny Śląsk
		i_{NZ}	08.8					
		M_N	10	1.3	22			
		i_E	10.1					
		M_Z	11	1.3			8.0	
		M_E	14	1.3		9.4		
		F	29 02					
	Rac.	e_Z	13 28 11.2					SK-58
		e_E	17.4					

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N	A_E	A_Z	Uwagi
			h m s	s	μ	μ	μ	
4	Rae. /d.c./	e_N	13 28 25.1					
		e_E	34.6					
		e_Z	37.9					
		e_E	53.6					
		e_N	58.9					
		e_Z	29 19.4					
		e_E	53.4					
	Kra.	e_{NEZ}	13 28 18.5					Chariny
		e_{NEZ}	27.5					
		e_{NEZ}	44					
5	War.	NEZ	06 51-07 05					Ślady
6	War.	iP_Z	05 23 48	6			+	Hindukusz, Δ=38°; USCGS: 36½°N, 70½°E, H=05h16m44s h=200 km
		iP_E	50					
		$e/PP/_E$	25 11					
		$ePPP_E$	54					
		$ePPP_Z$	56					
		e_Z	26 14					
		e_E	24					
		e_Z	29 07					
		eS_Z	22					
		iS_{NE}	26	7;5	+5.2	-4.1		
		esS_N	30 42					
		ei_Z	48					
		e_E	51					
		e_N	53					
		eL_{NEZ}	32					
		F	59					
	Kra.	eiP_E	05 23 53	3		+		Δ=38.5°
		e_{NE}	24 37					
		eS_{NE}	29 33					
		M_E	35 36	7		0.3		
		M_N	42	8	0.5			

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N	A_E	A_Z	Uwagi
			h m s	s	μ	μ	μ	
6	Rac.	eP_E	05 24 04					SK-58; Δ=39.5°
		e_E	43					
		ePP_Z	25 37					
		$ePcP_E$	59					
6	Kra.	e_{NEZ}	12 25 10					Chariny
		e_{NEZ}	12					
		e_{NEZ}	16					
		e_{NEZ}	24					
6	War.	NEZ	23 32-46					Ślady; Środkowa Azja
8	War.	eP_Z	13 03 15					Kiusiu, Japonia, Δ=76.5°; USCGS: 31°N, 130.5°E, H=12h51m21s
		e_Z	05 45					
		eS_N	12 53					
		e_N	13 09					
		$eSKS_N$	19					
		$eScS_E$	31					
		$ePPS_E$	57					
		$ePPS_N$	58					
		e_N	25 38					
		eL_{NE}	30					
		F	54					
	Kra.	eiP_{NE}	13 03 25					Δ=78.5°
		$ePcP_{NE}$	32					
		e_{NE}	54					
8	Cho.	e_N, i_E, ei_Z	21 52 02.2		-		-	Willmore Górny Śląsk
		e_Z	07.1					
		i_Z	09.1					
		F	34					
	Kra.	e_{NEZ}	21 52 14					Chariny
		e_{NEZ}	25					
		e_{NEZ}	33					

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N	Amplituda A_E	Amplituda A_Z	Uwagi
			h m s	s	μ	μ	μ	
8	Cho.	e_{NE}, ei_Z	23 07 42.9					Górny Śląsk
		M_{NE}	08 01.3	1.4	4.2	8.5		
		M_Z	01.5	1.4			7.3	
		F	22					
	Kra.	ei_{NEZ}	23 08 00.7					Chariny
		ei_{NEZ}	11					
		e_{NEZ}	28					
		e_{NEZ}	38					
9	War.	eP_Z	00 54 34					Morze Chińskie, Δ=78.5°; Moskwa: 25°N, 125°E, H=00h42m30s M=5½ /Moskwa/
		$ePcP_Z$	39					
		eL_{NE}	01 22					
		eL_Z	23					
		F	57					
9	Kra.	eL_{NE}	01 23					
		M_N	26 53	16	1.4			
		M_E	27 02	15		0.5		
9	Kra.	e_{NE}	10 36 42					
		e_{NE}	39 56					
9	Kra.	eP_{NE}	22 45 10					S Jugosławia, Δ=9.1°; USCGS: 41°N, 21°E, H=22h42m50s
		e_{NE}	35					
		eSS_{NE}	47 09					
		M_E	49 10	7		0.5		
	War.	NEZ	22 48-23 07					Ślady
10	War.	iP_Z	00 17 42					Na W od Sumatry, Δ=82°; USCGS: 0°, 98°E, H=00h05m18s; M=6¼ /Moskwa/ 6.4 /Warszawa/
		eP_{NE}	43					
		$ePcP_N$, $iPcP_Z$	50					
		$ePcP_E$	52					
		e_N	18 38					
		e_N	19 33					
		ePP_Z	20 43					
		e_N	21 50					

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Data	Obserw.	Faza	G. M. T. h m s	Okres T sek. s	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
10	War. /d.c./	$ePPP_Z$	00 22 34					
		eiS_{NE}	27 51	8	+17	-		
		$eiScS_Z$	28 08					
		$eiScS_N$, $iScS_E$	10	9	+30	+35		
		$iPPS_N$	29 09					
		$ePPS_Z$	11					
		e_N	49					
		ei_N	32 46					
		i_E	51					
		eSS_N	33/16/					
		eL_N	45					
		eL_{EZ}	50					
		M_E	59 09	17		10.3		
		M_N	31	18	10			
		M_N	01 02 15	16	5			
		M_E	19	16		8.3		
		M_Z	30	17			9	
		F	55					
Kra.		eP_N, eiP_E	00 17 44	6		+		$\triangle$=82.5°
		e_{NE}	18 09					
		e_{NE}	19 05					
		eiS_{NE}	27 54	7;6	-	-		
		$eiScS_{NE}$	28 13	7;6				
		e_{NE}	29 28					
		M_E	59 41	17		1.7		
		M_N	01 02 10	18	3.4			
Rac.		$e/P/_E$	00 17 42					SK-58; ślady $\triangle$=83.5°
		eP_Z	48					
		eP_N	50.5					
		$ePcP_Z$	18 02					
		$ePcP_E$	03					
		eS_{NE}	28 09					SD-57
		e_{NE}	29 13					

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N A_E A_Z	Uwagi
			h m s	s	μ μ μ	
10	Rac.	e_E	11 18 17			SK-58
		e_E	28			
		F	22			
10	Kra.	ei_{NZ}	11 33 28			Chariny; ślady
		e_{NZ}	37			
		e_{NZ}	38			
10	Kra.	e_{NEZ}	13 56 10			Chariny; ślady
		ePP_{NEZ}	24			Nikaragua, $\Delta=90^\circ$; USCGS: $12\frac{1}{2}^\circ N, 86^\circ W$, $H=13^h39^m55^s$ $h=150$ km
11	War.	$iPKP_Z$	12 14 42			Rejon Wysp Tonga, $\Delta=142.5^\circ$; USCGS: $16^\circ S, 172^\circ W$, $H=11^h55^m10^s$ $M=6$ /Pasadena/
		e_Z	15 07			
		e_N	16/00/			
		e_Z	17 41			
		e_N	44			
		$ePKS_Z$	18 07			
		e_N	23			
		e_{NE}	48			
		e_Z	49			
		F	12 34			
Kra.		$eiPKP_{NE}$	12 14 48.5			$\Delta=144.5^\circ$
		ei_{NE}	15 06			
		ePP_{NE}	18 04			
	Rac.	$ePKP_{1NE}$	12 14 52			SK-58; $\Delta=145^\circ$
		e_N	15 06			
		e_E	12			
		e_N	23			
		F	22			
11	War.	eL_N	13 12			
		eL_E	14			
		eL_Z	17			
		F	40			

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N	A_E	A_Z	Uwagi
			h m s	s	μ	μ	μ	
12	Kra.	e_N, ei_{EZ}	00 34 26					Chariny
		ei_{NEZ}	35.5					
		e_{NEZ}	38					
		e_{NEZ}	47.5					
12	Rac.	N	00 51-54					SK-58; ślady
12	Kra.	eL_{NE}	13 56					
		M_N	14 05 00	ca 14	1			
		M_E	06 12	ca 14		1.1		
12	Rac.	e_N	14 12 16					SK-58
		e_E	28					
		e_{NE}	42					
		F	16					
13	Kra.	eP_{NE}, iP_Z	02 42 04					Chariny; ślady Japonia, Δ=75°; USCGS: 42½°N, 143°E, H=02h30m18s
		e_{NEZ}	08					
13	War.	NEZ	08 14-09 43					Ślady Zat. Kalifornijska
	Kra.	eL_{NE}	08 29					Ślady
		F	09 22					
13	Kra.	e_{NEZ}	10 22 54					Ślady Grecja USCGS: H=10h20m25s
		e_{NEZ}	23 58					
		e_{NEZ}	25 17					
		e_{NEZ}	56					
		e_{NE}	27 23					
		e_N	29 25					
		e_E	32					
	Rac.	e_N	10 23 41					SK-58
		e_E	25 30					
		F	31					

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N	A_E	A_Z	Uwagi
			h m s	s	μ	μ	μ	
13	War.	eL_{NEZ}	10 28					Początek w czasie zmiany papieru
		P	49					
13	Kra.	eP_N	13 03 24					Grecja, Δ=9.4°; USCGS: 41°N, 23½°E, H=13^{h}01^{m}00^s
		ePP_E, $eiPP_N$	30					
		e_{NE}	48					
		$e/SS/_{NE}$	05 27					
		eS^{π}_{NE}	46					
		M_N	07 58	8	3.3			
		M_E	08 34	6		2.3		
		$ePcP_{NE}$	09 34					
		e_{NE}	12 46					
	Rac.	$ePPP_{NE}$	13 03 47					SK-58; Δ=9.8°
		e_{NE}	04 34					
		e_N	05 06					
		e_E	07 07					
		F	17					
	War.	ePP_Z	13 03 54					Δ=11.4°
		$eiPP_N$	57					
		e_Z	04 12					
		e_E	05 36					
		SS_N	06 11					
		eSS_Z	13					
		eSS_E	16					
		$eSSS_Z$	23					
		e_N	39					
		e_Z	45					
		e_E	49					
		e_Z	07 01					
		e_E	04					
		e_N	12					
		e_Z	/18/					
		e_E	33					
		e_Z	38					

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N	A_E	A_Z	Uwagi
			h m s	s	μ	μ	μ	
13	War. /d.c./	e_N	13 07 44					
		e_N	08 12					
		e_N	56					
		$iPcP_N$	09 32					
		M_N	10 31	9	17			
		M_Z	11 10	6			11	
		F	40					
	Cho.	eS_{NEZ}	13 05 41.5					$\Delta=9.6^\circ$
		e_{NE}	06 48					
		F	20					
13	War.	e_N	20 36 40					
		e_N	55					
		e_Z	37 14					
		e_{NE}	38 03					
		e_N	43					
		e_N	39 09					
		e_E	56					
		eL_{NE}	21 08					
		eL_Z	09					
		F	37					
13	Kra.	e_{NEZ}	22 27 58					Chariny
		e_{NEZ}	28 02					
		e_{NEZ}	09					
		e_{NEZ}	27					
		e_{NEZ}	33					
		e_{NEZ}	40					
		e_{NEZ}	48					
14	War.	eL_{NE}	02 49					Ślady;Riukiu
		eL_Z	54					
		F	03 10					
14	Kra.	e_{NEZ}	04 19 39					Chariny

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N A_E A_Z	Uwagi
			h m s	s	μ μ μ	
14	Kra. /d.c./	e_{NEZ}	04 19 48			
		e_{NEZ}	59			
		e_{NEZ}	20 38			
		e_{NEZ}	42			
		e_{NEZ}	55			
		e_{NEZ}	22 08			
		e_{NEZ}	52			
	Rac.	e_N	04 20 01			SK-58
		e_E	09			
		e_N	20			
		e_{EZ}	23			
		e_N	30			
		i_E	39			
		i_E, e_Z	47			
		e_Z	21 00			
		i_N, e_E	12			
		F	27			
	War.	e_E	04 22 03			
		e_Z	04			
		e_Z	07			
		e_E	09			
		e_N	14			
		eL_{NEZ}	22.5			
		F	28			
14	War.	iP_Z	10 40 30			Morze Moluckie, $\Delta=96^\circ$; USCGS: $5^\circ N, 127\frac{1}{2}^\circ E$, $H=10^h 26^m 58^s$
		e_Z	45			
		e_N	56			
		$e/PP/_Z$	44 37			
		e_Z	45 05			
		$ePPP_E$	46 34			
		$iSKS_N$	51 13			
		iS_E	46			

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N A_E A_Z	Uwagi
			h m s	s	μ μ μ	
14	War. /d,c./	iS_N	10 51 48	5	-	
		e_E	55			
		i_N	52 15			
		i_E	17			
		e_Z	54			
		e_Z	53 35			
		ei_N	55 45			
		e_E	56 50			
		e_N	58/18/			
		e_E	11 02 07			
		eL_{NE}	19			
		eL_Z	21			
		F	40			
14	Kra.	eP_{NE}	10 40 37			Δ=97.3;
		e_{NE}	52			
		e_{NE}	41 01			
		e_{NE}	33			
		e/SKS/$_{NE}$	51 04			
		e_{NE}	11 18			
	Rac.	eP_{EZ}	10 40 42			SK-58; Δ=98.5°
		e_Z	41 08			
		F	59			
14	Kra.	e_{NEZ}	16 29 32			Chariny
		e_{NEZ}	38			
		e_{NEZ}	43			
		e_{NEZ}	57			
14	Kra.	eL_{NE}	21 10			Ślady
		F	25			
14	Rac.	NEZ	22 18-32			SK-58
	Kra.	eP_{NEZ}	22 18 25			Chariny
		ei_Z,e_{NE}	27			Hindukusz, Δ=38.5°;

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Data	Obserw.	Faza	G. M. T. h m s	Okres T sek. s	Amplituda A_N A_E A_Z μ μ μ	Uwagi
14	Kra. /d.c./	esP_{NEZ}	22 18 54			USCGS: 36°N, 70°E, H=22h11m06s; h=100 km
		e_{NEZ}	19 44			
	War.	NEZ	22 24-47			Ślady
15	Kra.	eiP_{NEZ}	05 12 52			Chariny Madagaskar, Δ=66.3°; USCGS: 12°S, 45½°E, H=05h02m05s
		e_{NEZ}	13 05			
		$e/PcP/_{NEZ}$	37			
	Rac.	eP_{NEZ}	05 12 54			SK-58; Δ=66.7°
		$ePcP_E$	13 32			
		F	16			
	War.	iP_Z	05 13 04			Δ=67.5°
		e_N	20 25			
		e_E	26			
		e_N	31			
15	Kra.	e_{NEZ}	11 00 47			Chariny
		e_{NEZ}	53			
		e_{NEZ}	01 38			
16	War.	eL_{NE}	00 04			Ślady
		F	07			
16	Kra.	e_{NEZ}	01 46 03.5			Chariny
		e_{NEZ}	21			
		e_{NEZ}	38.5			
16	Kra.	eP_{NEZ}	22 13 34			Chariny Alaska, Δ=64.3°; USCGS: 65½°N, 167½°W, H=22h02m53s
		e_{NEZ}	42			
		e_{NEZ}	48			
16	War.	NEZ	22 47-54			Ślady
17	Kra.	P_{NEZ}	05 21 58			Chariny Hindukusz, Δ=38°; USCGS: 36°N, 69°E, H=05h14m56s, h=200 km
		ei_Z, e_{NE}	22 01			
		e_{NEZ}	22			
		e_{NEZ}	49			
		$e/PP/_{NEZ}$	23 43			

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N	A_E	A_Z	Uwagi
			h m s	s	μ	μ	μ	
17	Rac.	E	05 23-45					SK-58; ślady
	War.	eSS_E	05 30 11					Δ=37.3°
		$eSSS_{EZ}$	42					
		e_N	32 09					
		eL_{NEZ}	35					
		M_N	40 41	11	4.8			
		F	06 04					
17	War.	eP_Z	19 53 43					Ślady W.Ascension, Δ=69°; USCGS: 10°S, 13°W, H= 19h 42m 38s Skł. E nie rejestrowała
		eL_N	20 19					
18	Kra.	e_{NEZ}	01 05 36					Chariny; ślady Nikobary, USCGS: H=00h 53m 54s
		e_{NEZ}	43					
		e_{NEZ}	55					
18	Kra.	eL_N	02 42					
		F	03 40					
	War.	eL_N	02 43					Skł. E nie rejestrowała
		eL_Z	49					
		F	03 14					
18	War.	NZ	05 05-18					Ślady
	Kra.	e_{NE}	05 05 31					
		e_E	10 19					
		eL_{NE}	15					
18	Kra.	e_{NEZ}	15 17 45					Chariny
		e_{NEZ}	51					
		e_{NEZ}	57					
18	War.	NEZ	17 12-26					Ślady

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Data	Obserw.	Faza	G. M. T. h m s	Okres T sek. s	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
18	Kra.	eiP_{NEZ}	19 01 06					Chariny
		e_{NEZ}	08					Amiranty, Δ=63.5°;
		e_{NEZ}	22					USCGS: 7°S, 51½°E,
		$ePcP_{NEZ}$	38					H= $18^h50^m32^s$
	War.	eP_Z	19 01 15					Ślad; Δ=65°
	Rac.	e_{NE}	19 01 23					SK-58; Δ=64°
		$ePcP_E$	46					
		F	04					
19	Kra.	e_{NEZ}	05 45 08					Chariny
		e_{NEZ}	27					
		e_{NEZ}	46 03					
19	Kra.	e_{NEZ}	11 44 50					Chariny
		e_{NEZ}	57					
		e_{NEZ}	45 06					
20	Kra.	e_{NEZ}	03 00 05					Chariny; ślady
		e_{NEZ}	53					
20	Kra.	e_{NEZ}	06 31 04					Chariny
		e_{NEZ}	12					
		e_{NEZ}	23					
		e_{NEZ}	37					
20	Kra.	e_{NE}	09 23 37					
		e_{NE}	52					
		e_{NE}	25 59					
		M_E	26 29	6		0.3		
20	War.	NEZ	09 26-33					Ślady
20	War.	eP_Z	09 42 09					Kuryle, Δ=72°;
		$e/PcP/_Z$	18					USCGS: 49°N, 157½°E,
		e_Z	38					H=$09^h30^m38^s$
		eS_N	51 32					

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N	A_E	A_Z	Uwagi
			h m s	s	μ	μ	μ	
20	War. /d.c./	eS_E	09 51 34					
		$e/S/_Z$	37					
		ePS_E	52					
		ePS_N	54					
		eL_E	10 09					
		eL_N	11					
		F	32					
	Kra.	P_{NEZ}	09 42 22					Chariny, Δ=74.5°
		$eiPcP_{NEZ}$	28					
		e_Z	40					
		e_{NEZ}	43 36					
	Rac.	eP_E	09 42 29					SK-58; Δ=75°
		$ePcP_{NE}$	43					
		e_N	43 17					
		e_E	26					
		F	55					
20	Kra.	e_{NE}	10 08 39					Ślady
		e_N	09 21					
		e_E	25					
		e_{NE}	12 39					
		eL_{NE}	13					
		F	32					
20	Kra.	e_E	17 34 38					Ślady
		e_{NE}	35 00					
		e_{NE}	41					
		e_{NE}	36 33					
	War.	NE	17 35-41					Ślady
20	Kra.	e_{NEZ}	19 53 12					Chariny; ślady
		e_{NEZ}	18					
		e_{NEZ}	50					

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Data	Obserw.	Faza	G. M. T. h m s	Okres T sek. s	Amplituda A_N A_E A_Z μ μ μ	Uwagi
20	Kra.	$ePKP_{NE}$	21 18 34			Nowe Hebrydy, $\Delta=141.5^\circ$; USCGS: $20\frac{1}{2}^\circ S, 169^\circ E$, $H=20^h59^m25^s$, $h=200$ km
	✓	ePP_{NE}	21 38			
		$e/PKS/_{NE}$	22 29			
		e_{NE}	23 36			
		e_{NE}	29 27			
		eL_N	22 08			
		F	23 00			
	War.	$ePKP_Z$	21 18 38			Ślady; $\Delta=140^\circ$
	✓	e_E	22/22/			
		eL_E	22 08			
		eL_N	09			
		F	23 09			
	Rac.	$ePKP_E$	21 18 44			SK-58; ślady $\Delta=143^\circ$
	✓	F	25			
20	Rac.	E	23 13-19			SK-58; ślady
	Kra.	e_{NE}	23 13 48			Ślady
		e_{NE}	14 46			
		e_{NE}	15 28			
	War.	NEZ	23 16-22			Ślady
22	Kra.	e_{NEZ}	04 52 35			Chariny; ślady
		e_{NEZ}	44			
		e_{NEZ}	56			
		e_{NEZ}	53 10			
22	War.	eL_{NEZ}	06 54			Ślady
		F	07 02			
22	Rac.	e_Z	10 00 09			SK-58
		e_Z	19			
		F	01			

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N	A_E	A_Z		Uwagi
			h m s	s	μ	μ	μ		
22	Rac.	NE	17 13-34						SD-57
24	War.	eP_Z	09 59 58						Kamczatka, Δ=67.7° USCGS: 56°N, 164°E, H=09h48m56s
		eS_N	10 08 52						
		eS_E	54						
		eL_{NE}	21						
		eL_Z	24						
		M_{NE}	32 41	14	8.5	5			
	Kra.	eP_{NE}	10 00 10						Δ=70°
		e_{NE}	54						
		eS_{NE}	09 24						
		e_{NE}	17 31						
		eL_{NE}	26						
		M_N	31 40	18	5.5				
		M_E	34 41	12		1.2			
		F	11 16						
24	Rac.	eP_Z	10 00 13						SD-57; Δ=70.3°
		e_E	26						
		e_E	47						
		eL_{EZ}	26						
		F	11 02						
25	War.	eP_Z	03 52 07					+	Kamczatka, Δ=68.5°; USCGS: 55°N, 163°E, H=03h41m05s; M=6½ /Pasadena/ 7 /Warszawa/
		eP_N, iP_E	10					-	
		eP_E	13						
		$ePcP_N$	41						
		ePP_N	54 39						
		$ePPP_N$	56 20						
		$e/S/_Z$	04 01 05						
		eS_N	07						
		iS_E	09	9		+32			
		$eiPS_N$	34						
		ePS_E	36						
		$ePPS_Z$	51						

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N	A_E	A_Z	Uwagi
			h m s	s	μ	μ	μ	
25	War. /d.c./	$eSKS_N$	04 02 15					
		e_E	03 49					
		e_N	04 49					
		eSS_{NE}	05 35					
		eL_{NE}	15					
		M_{NE}	26 16	14	79	33		
		M_N	27 09	16	33			
		M_Z	27.2	15			60	
		M_E	17	14		54		
		F	06 36					
	Kra.	P_{NE}	03 52 22					Δ=70.5°
		ei_{NE}	27					
		$e/PPP/_{NE}$	56 52					
		iS_{NE}	04 01 37					
		Sm_E	43	7		2.5		
		e_{NE}	19 26					
		M_E	27 31	15		12		
		M_N	49	14	19			
		F	06 08					
	Rac.	eP_{NE}	03 52 24					SD-57; Δ=71°
		e_E	53 26					Skł. Z nie rejestrowała
		eS_N, iS_E	04 01 46					
		eL_E	09					
		M_E	24.5	15		7		
		M_E	28.3	15		10		
		F	05 05					
	Cho.	eS_{NE}	04 01/31/					Δ=70.5°
		M_{NE}	21	20	14	43		
		M_{NE}	27.8	15	38	38		
		F	52					
25	Rac.	e_E	06 41 08.6					SK-58
		e_{NZ}	10.0					

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N	A_E	A_Z	Uwagi
			h m s	s	μ	μ	μ	
25	Rac. /d.c./	i_Z	06 41 10.6					
		F	2?					
25	War.	eP_Z	11 22 57					Kamczatka, Δ=68°; USCGS:54°N,159°E, H=11h12m00s h=ca 100 km; M=6.8 /Warszawa/ 6¾ /Berkeley/ 7 /Pasadena/
		iP_Z	59.5	6			-	
		iP_{NE}	23 00	ca 6	+25	+14		
		epP_{NE}	22					
		ipP_Z	23					
		$ipPcP_Z$	41	8.5			-	
		PP_{EZ}	25 30					
		ePP_N	33					
		pPP_Z	52					
		$e/pPP/_N$	57					
		e_Z	26 49					
		$esPPP_N$	27 40					
		$esPPP_Z$	45					
		e_E	52					
		ei_N	31 31					
		e_Z	43					
		iS_{NE}	53	9	-	-		
		$ePPS_Z$	32 30					
		PPS_N	35					
		$iSKS_E$	41					
		$i/ScS/_Z$	52					
		ei_N	33 46					
		e_E	36 32					
		eL_{NEZ}	40					
		M_{NE}	51 09	10;9	26	33		
		M_N	12 01 07	14	33			
		M_Z	10	14			20	
		F	14 13					
	Kra.	eP_{NE}	11 23 12					Δ=70.5°
		iP_{NE}	15					
		$e/S/_{NE}$	32 17					
		e_E	33 37					

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N	A_E	A_Z	Uwagi
			h m s	s	μ	μ	μ	
25	Kra. /d.c./	M_N	11 51 15	8	9			
		F	13 51					
	Cho.	eP_Z	11 23 13				-	Δ=70.5°
		eP_{NE}	14					
		e_Z	15					
		epP_E	27					
		ePP_N	25 48					
		e_E	27 11					
		eS_E	32 17					
		eS_N	19					
		$ePPS_N$	33 03					
		$ePPS_E$	07					
		M_N	42.5	16	42			
		F	12 30					
	Rac.	iP_{NEZ}	11 23 17			+	+	SD-57; Δ=71°
		$eipPcP_{NEZ}$	50					
		$isPcP_{EZ}$	24 08					
		ei_{EZ}	25 47					
		$eisPP_E$	26 31					
		$eisPPP_N$	28 11					
		iS_{NEZ}	32 23					
		$iPPS_{NEZ}$	33 08					
		eL_{NEZ}	42					
		M_E	52.9	8		14		
		M_Z	12 02.2	14			5	
		F	35					
25	War.	NEZ	21 19-48					Ślady
	Kra.	eSS_{NE}	21 25 26					Ślady; Iran, Δ=32.7°; USCGS: 32°N, 56½°E, H=21h11m36s
		e_{NE}	34 01					
		eL_N	38					
26	Kra.	e_{NEZ}	09 29 06					Chariny Górny Śląsk
		e_{NEZ}	37					
		e_{NEZ}	53					

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Data	Obserw.	Faza	G. M. T. h m s	Okres T sek. s	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
26	Cho.	$\bullet_{NZ}$	09 29 13.7					
		$\bullet_E$	14.7					
		$\bullet_Z$	16.8					
		$\bullet_Z$	19.7					
		M_Z	25	1.1			0.9	
		F	48					
	Rac.	$\bullet_Z$	09 29 22.6					SK-58
		$\bullet_E$	24.9					
		$\bullet_{NE}$	31.7					
		e_{NEZ}	43.5					
		e_E	50.2					
		F	32					
26	War.	e_{EZ}	12 40 09					Turcja, $\Delta=16^\circ$; USCGS: $40\frac{1}{2}^\bullet N, 37^\bullet E$, $H=12^h36^m20^s$
		$\bullet_N$	11					
		ePP_Z	17					
		eSS_{NEZ}	43 23					
		eL_{NEZ}	49					
		F	13 10					
26	Kra.	ePP_{NE}	12 40 13					$\Delta=15.2^\circ$
		$\bullet_{NE}$	31					
		e_{NE}	42 07					
		eSS_{NE}	43 08					
		$ePcP_{NE}$	45 07					
		eL_{NE}	48					
		F	13 04					
	Rac.	e_{EZ}	12 40 14					SK-58
		$\bullet_Z$	25					
		$\bullet_E$	39					
		e_E	41 17					
		F	53					

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Data	Obserw.	Faza	G. M. T. h m s	Okres T sek. s	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
27	Kra.	e_{NE}	10 24 28					
		e_{NE}	25 52					
		e_{NE}	29 21					
		e_{NE}	32 54					
		e_{NE}	36 00					
		eL_{NE}	11 05					
		F	37					
	Rac.	e_Z	10 25 42					SD-57
		e_Z	27 33					
		eL_Z	11 07					
		F	33					
	War.	e_Z	10 26 02					
		eL_N	11 02					
		eL_E	05					
		eL_Z	09					
		F	12 00					
27	Cho.	e_{NEZ}	14 00 15.7					Górny Śląsk
		e_Z	17.9					
		e_Z	20.0					
		M_Z	26	1			0.7	
		F	52					
	Kra.	e_{NEZ}	14 00 22					Chariny
		e_{NEZ}	31					
		e_{NEZ}	43					
		e_{NEZ}	54					
		e_{NEZ}	56					
	Rac.	e_Z	14 00 42					SK-58
		F	02					
27	Kra.	e_{NE}	16 34 40					
		e_{NE}	36 02					
		e_{NE}	38 30					

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N	A_E	A_Z	U w a g i
			h m s	s	μ	μ	μ	
27	Kra. /d.c./	e_{NE}	16 41 03					
		eL_{NE}	57					
29	War.	$eiPKP_Z$	00 43 41					W-y Lojalności, Δ=139.5°; USCGS: 19½°S, 170½°E, H=00h24m06s M=6½-6¾ /Pasadena/
		e_Z	56					
		$ePKS_{NE}$	47 17					
		e_E	56 05					
		eL_{NE}	01 30					
	Rac.	$ePKP_Z$	00 43 41					SK-58; Δ=142.5°
		e_E	56					
		e_E	46 06					
		F	53					
	Kra.	e_{NE}	00 43 55					Δ=141.5°
		ePP_{NE}	46 51					
		$ePKS_{NE}$	47 22					
		eL_N	01 35					
		F	02 21					
29	Cho.	e_{EZ}	08 40 47.1				+	Górny Śląsk
		e_N	47.9					
		ei_Z	49.5					
		M_Z	55	1.3			1.4	
		F	41 17					
	Kra.	e_{NEZ}	08 40 56					Chariny
		ei_{NEZ}	41 04.5					
		e_{NEZ}	24.					
		e_{NEZ}	33					
		e_{NEZ}	38					
29	War.	NE	11 11-30					Ślady
29	Kra.	e_E	14 41 17					
		e_E	37					

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Data	Obserw.	Faza	G. M. T. h m s	Okres T sek. s	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
29	Kra. /d,c./	e_{NE}	14 42 39					
		e_{NE}	47 22					
		eL_{NE}	55 29					
		F	15 29					
	Rac.	e_Z	14 41 18					SD-57
		eL_{NEZ}	59					
		F	15 31					
	War.	e_Z	14 43 04					
		e_N	47 10					
		eL_{NE}	57					
		M_N	15 02 08	12	7.5			
		F	31					
29	War.	eP_{NE},iP_Z	17 43 17	ca 6			+	Hondo, Japonia, Δ=74.5°; USCGS: 40.1°N, 142.3°E, H=17h31m39.5s h=50 km M=6¾ /Pasadena/ 6¾-7 /Berkeley/ 7.2 /Warszawa/
		$ePcP_{NZ}$	36					
		e_{EZ}	58					
		ePP_E	46 00					
		$ePPP_N$	47 51					
		$ePPP_E$	53					
		$ePPP_Z$	56					
		eS_E	52 44					
		eS_N	46					
		$eSKS_N$	53 05					
		$eSKS_E$	06					
		$eSKS_Z$	11					
		$ePPS_{NE}$	42					
		e_E	54 44					
		e_E	55 46					
		e_N	57 59					
		e_E	18 02 02					
		eL_{NE}	03					
		M_E	18 12	21		120		
		M_N	20	21	123			

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N	A_E	A_Z	U w a g i
			h m s	s	μ	μ	μ	
29	War. /d.c./	M_Z	18 18 29	19			ca 108	
		F	20 15					
	Kra.	iP_{NE}	17 43 29	4;5	+	+		Δ=76.5°
		e_{NE}	44 54					
		ePP_{NE}	46 22					
		iS_E	53 14					
		ePS_E	52					
		e_{NE}	18 12 05					
		M_E	19 51	17		21		
		M_N	20 18	18	55			
		F	20 11					
	Cho.	eP_{NEZ}	17 43/30/					Δ=77°
		e_N	44 14					
		ePP_N	46 23					
		e_E	53 35					
		$eSKS_N$	40					
		M_{NE}	18 20.0	20	86	100		
		F	50					
	Rac.	eP_Z	17 43 33					Δ=77.2°
		i_{NEZ}	37					
		$iPcP_Z$	44					
		e_{NZ}	44 08					
		i_E	12					
		e_Z	16					
		ei_Z	31					
		e_E	38					
		e_{NZ}	45 14					
		e_N	46 20					
		e_Z	24					
		ePP_E	33					
		$eiPPP_N$	48 11					
		$eSKS_E$	53 40					
		$iSKS_N$	48					

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Data	Obserw.	Faza	G. M. T. h m s	Okres T sek. s	Amplituda A_N μ	A_E μ	A_Z μ	U w a g i
29	Rac. /d.c./	e_N	17 54 36					
		e_E	46					
		eL_{NE}	18 08					
		M_{NEZ}	20.4	20	65	75	150	
		M_E	22.2	15		39		
		F	44					
29	Cho.	e_N,ei_{EZ}	21 40 49.4					Górny Śląsk
		i_Z	50,7					
		M_{NE}	52	1.1	5.3	8.8		
		M_Z	53	1.1			1.6	
		F	41 28					
	Kra.	e_{NE},ei_Z	21 41 02					Chariny
		e_{NEZ}	06					
		e_{NEZ}	23					
		e_{NEZ}	36.4					
30	War.	N	13 39-49					Ślady
30	Kra.	$i/P/_{NEZ}$	14 06 38.7					Chariny
		e_{NEZ}	50					
		e_{NEZ}	07 04					
30	War.	NEZ	14 43-15 16					Ślady
	Kra.	e_{NE}	14 47 28					
		eL_{NE}	48 53					
		F	15 06					
30	Kra.	e_{NEZ}	17 58 26.6					Chariny
		e_{NEZ}	35					
		e_{NEZ}	42					
31	Kra.	$ePKP_{NE}$	03 14 38					Nowa Brytania, Δ=119°; USCGS: 5.6°S, 150.0°E, H=02h55m46.2s, h=25 km; M=6-6 /Berkeley/ 6¾ /Pasadena/
		$eiPP_{NE}$	16 00	4		-		
		e_{NE}	17 26					
		$eSKS_{DNE}$	21 44					
		ePS_{NE}	25 50					

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N	A_E	A_Z	Uwagi
			h m s	s	μ	μ	μ	
31	Kra. /d.c./	eL_{NE}	03 37 38					
		M_E	04 05 57	22		21		
		M_N	06 20	23	25			
		F	05 07					
	Rac.	$ePKP_Z$	03 14 41					SD-57; Δ=120°
		ePP_Z	15 58					
		e_N	16 23					
		$e/PPP/_{NZ}$	18 38					
		eL_{NZ}	42					
		M_{NZ}	04 06.6	22	3		19	
		M_{NZ}	16.5	20	3		9	
		F	05 10					
	War.	ePP_Z	03 15 49					Δ=117.3°
		ePP_{NE}	54					
		e_Z	16 11					
		$eSKS_{DE}$	21 39					
		$eSKS_{DN}$	46					
		ePS_E	25 34					
		ePS_N	36					
		e_Z	32 31					
		e_N	38					
		eL_{NE}	36					
		eL_Z	43					
		M_E	04 00 53	26		50		
		M_Z	58	28			43	
		M_Z	06 06	20			78	
		M_{NE}	11	20	43	90		
		F	05 30					
	Cho.	$eSKS_{AE}$	03 20 50					Δ=119.5°
		M_E	04 02.0	25		75		
		M_E	06.3	20		71		
		F	23					

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N	Amplituda A_E	Amplituda A_Z	Uwagi
			h m s	s	μ	μ	μ	
31	War.	eL_N	08 06					
		eL_{EZ}	09					
		F	40					
	Kra.	eL_{NE}	08 10					
		F	24					
31	Kra.	ei_Z, e_{NE}	11 14 19					Chariny
		e_{NEZ}	32					
		e_{NEZ}	50					
31	War.	NEZ	15 15-16 24					Ślady
31	War.	NEZ	22 38-23 06					Ślady
	Kra.	e_{NE}	22 38 58					
		e_{NE}	39 28					
		e_{NE}	41 48					
		eL_{NE}	47					
		F	58					

Z.Gryglewicz
H.Skoczek

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August

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Data	Obserw.	Faza	G. M. T. h	m	s	Okres T sek. s	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
1	Kra.	eiP_{NE}	02	27	30	3				S Iran, △=34°; USCGS: 27.9°N, 54.2°E, H=02h20m52s.4, h=110 km
		$ePPP_{NE}$		29	00					
		$esPcP_{NE}$		30	48					
		e_{NE}		33	02					
		eSS_{NE}		36	01					
		eL_{NE}		43	27					
		F	03	02						
	War.	eiP_Z	02	27	36				-	△=34.5°
		$ePPP_Z$		29	04					
		$ePPP_N$			09					
		$ePcP_Z$		30	10					
		eS_N		32	58					
		e_E		33	06					
		$eSSS_N$		35	41					
		$eSSS_Z$			42					
		i_N		36	42					
		$e/ScS/_N$		37	40					
		$eScS_E$			50					
		eL_{NEZ}		38						
		M_N		44	39	13	4			
		M_E			56	13		4.5		
		F	03	21						
	Rac.	eP_{EZ}	02	27	39					SK-58; △=35°
		e_E			49					
		epP_Z			55					
		esP_{EZ}		28	12					
		e_Z			27					
		ePP_E		29	02					
		F		43						
2	War.	$ePKP_E$	05	26	43					Ślady W-y Lojalności, △=143.5°; USCGS: 22.2°S, 171.5°E,
		$iPKP_Z$			44	2			-	
		e_Z			55					

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N	A_E	A_Z	Uwagi
			h m s	s	μ	μ	μ	
2	War. /d.c./	e_E	05 28 46					H=05h07m22s.1 h=108 km; M=6½ /Pasadena/ 6¾ /Berkeley/
		e_N	29 14					
		e_Z	49					
		$ePKS_N$	30 26					
		$epPKS_N$	43					
		$esSKS_N$	34 25					
		F	06 06					
	Kra.	PKP_{NE}	05 26 49					△=144°
		e_{NE}	27 30					
		$eSKP_{NE}$	30 06					
		e_{NE}	36 50					
		$ePPS_{NE}$	42 34					
	Rac.	$ePKP_{NE}$	05 26 52					SK-58; △=145° Skł.Z nie rejestrowała
		$epPKP_E$	27 14					
		e_E	37					
		F	33					
2	War.	eL_{NE}	19 23.5					Ślady
		F	32					
2	Kra.	eP_{NE}	20 57 55					Ocean Lodowaty Północny, △=34.5°; USCGS:84.2°N,2.3°E, H=20h51m03s.8, h= 40 km
		e_{NE}	58 07					
		e_{NE}	59 05					
		ePP_{NE}	18					
	War.	eL_{NE}	21 02.5					Ślady
		eL_Z	08.5					
		F	20					
3	Cho.	i_{NEZ}	20 10 52.0		+	-	/-/	Willmore Górny Śląsk
		i_{EZ}	53.5					
		M_{NEZ}	57	1.0	9.9	8.4	5.5	
		F	11 45					

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Data	Obserw.	Faza	G, M. T. h m s	Okres T sek. s	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
3	Rac.	e_Z	20 11 01					SK-58 Skł.N nie rejestrowała
		e_E	04					
		e_E	15					
		e_Z	20					
		e_Z	33					
		e_Z	41					
		F	14					
	Kra.	ei_{NEZ}	20 11 04.2					Charimy
		e_{NEZ}	06.7					
		e_{NEZ}	13.2					
		e_{NEZ}	20.2					
		e_{NEZ}	26					
		e_{NEZ}	38					
4	War.	eP_{NE}, eiP_Z	07 46/29/					W-y Szczurze, Aleuty, Δ=74.5°; USCGS: 51.4°N, 179.1°E, H=07h34m53s.8, h=83 km; M=6-6¼ /Pasadena/
		$eipP_Z$	44					
		$ePcP_{NE}$	50					
		esP_E	47 00					
		$epPcP_E$	04					
		$isPcP_Z$	11					
		e_Z	24					
		ePP_Z	49 20					
		ePP_N	23					
		$epPPP_N$	51/29/					
		eS_N	56 01					
		$eSKS_{NEZ}$	23					
		esS_Z	28					
		esS_E	29					
		iPS_Z	39					
		ePS_E	41					
		$eisPP_N$	49					
		$ePPS_E$	55					

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N	A_E	A_Z	Uwagi
			h m s	s	μ	μ	μ	
4	War. /d.c./	$eiPPS_Z$	07 56 57					
		ei_N	57 29					
	✓	ei_E	59					
		eL_{NE}	08 05.5					
		eL_Z	06.5					
		M_Z	24 03	16			30	
		M_E	25 36	17		24		
		M_N	38	16	33			
		F	10 10					
4	Rac.	eP_{NEZ}	07 46 46					SD-57; $\Delta=75^\circ$
		e_{NEZ}	47 39					
	✓	e_{EZ}	48 15					
		e_E	32					
		ePP_Z	49 39					
		$eScS_{NEZ}$	56 46					
		ePS_{NZ}	57 15					
		$ePPS_{NE}$	26					
		$ePPS_Z$	32					
		eL_{NEZ}	08 13					
		M_Z	23.5	18			5	
		M_{NEZ}	27.4	16	1	4	6	
		M_{NZ}	31.8	16	2		5	
		F	57					
	Kra.	eiP_{NE}	07 46 47	4				$\Delta=77^\circ$
		$ePcP_{NE}$	51					
	✓	e_{NE}	47 31					
		e_{NE}	49					
		e_{NE}	48 26					
		ePP_{NE}	49 41					
		eS_{NE}	56 33					
		eL_{NE}	08 18					
		M_E	26 05	16		6		

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N	A_E	A_Z	Uwagi
			h m s	s	μ	μ	μ	
4	Kra. /d.c./	M_N	08 27 16	16	14			
		F	09 45					
4	Cho.	eL_{NE}	08 14					
		M_N	30	18	50			
		F	55					
4	Cho.	e_{EZ}	10 12 56.6				/+/	Willmore Górny Śląsk
		i_E	13 00.1					
		i_{NZ}	00.7					
		i_Z	04.5					
		M_{NEZ}	08	0.8	1.9	1.0	0.8	
		F	19					
	Kra.	e_{NEZ}	10 13 04					Chariny
		e_{NEZ}	26					
		e_{NEZ}	33					
5	Kra.	e_{NEZ}	04 29 50					Chariny; ślady
		e_{NEZ}	56					
		e_{NEZ}	30 32					
5	War.	eL_{NE}	06 06.5					Ślady
		F	10					
5	Kra.	e_{NEZ}	11 40 07					Chariny; ślady
		e_{NEZ}	17					
5	Kra.	e_{NEZ}	11 44 05					Chariny; ślady
		e_{NEZ}	09					
5	War.	eL_{NE}	23 05.5					Ślady
		eL_Z	10.5					W-y Szczurze, Aleuty,
		M_Z	16 51	16			2.4	
		M_E	17 57	16		2		
		F	40					
	Kra.	eL_N	23 11					
		F	45					

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N	A_E	A_Z	Uwagi
			h m s	s	μ	μ	μ	
6	Cho.	e_N, ei_{EZ}	12 05 09.0				+	Willmore Górny Śląsk
		e_Z	10.7					
		i_{NE}	11.1					
		M_Z	13	0.7			0.6	
		F	47					
	Kra.	e_{NEZ}	12 05 22					Chariny
		e_{NEZ}	32					
		e_{NEZ}	36					
		ei_{NEZ}	55					
		e_{NEZ}	06 21					
	Rac.	e_Z	12 05 35					Ślady
		e_Z	06 20					
		F	07					
7	Kra.	e_{NEZ}	03 47 09					Chariny
		e_{NEZ}	19					
		e_{NEZ}	30					
		e_{NEZ}	46					
7	Kra.	e_{NEZ}	04 16 19					Chariny
		e_{NEZ}	29					
		e_{NEZ}	40					
		e_{NEZ}	17 00					
8	Rac.	Z	05 48-51					SK-58
8	War.	eL_{NE}	12 52.5					Ślady Zat. Adeńska
		eL_Z	54.5					
		F	13 13					
8	Cho.	i_{NEZ}	13 47 06.2				-	Willmore Górny Śląsk
		i_E	07.4					
		F	50					

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Data	Obserw.	Faza	G. M. T. h m s	Okres T sek. s	Amplituda A_N A_E A_Z μ μ μ	Uwagi
8	Kra.	e_{NEZ}	13 47 14			Chariny
		e_{NEZ}	18			
		e_{NEZ}	23			
		e_{NEZ}	29			
		e_{NEZ}	59			
8	Kra.	e_{NEZ}	13 57 59			Chariny
		e_{NEZ}	58 07			
		e_{NEZ}	17			
		e_{NEZ}	23			
		e_{NEZ}	34			
		e_{NEZ}	49			
8	Rac.	NEZ	20 40-52			SD-57; ślady
	Kra.	e_{NEZ}	20 40 02			Chariny Dodekanez, $\Delta=15^\circ$; USCGS: 36.0°N, 27.3°E, H=$20^h36^m28^s.4$ h= 87 km; M=4¼ /Moskwa/
		e_{NEZ}	06			
		ePP_{NEZ}	14			
		$ePPP_{NEZ}$	23			
		e_{NEZ}	28			
		e_{NEZ}	34			
		e_{NEZ}	49			
		e_{NEZ}	45 59			
		e_{NEZ}	51 27			
	War.	eP_{NZ}	20 40 32			$\Delta=17^\circ$
		e_Z	37			
		eS_E	43 40			
		e_E	47			
		eSS_Z	56			
		$ePcP_Z$	45 11			
		eL_{NEZ}	45.5			
		F	21 01			
9	War.	eL_{NE}	07 00.5			Ślady
		eL_Z	03.5			
9	War.	$ePcP_Z$	07 52 01			Blisko wybrzeży

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Data	Obserw.	Faza	G. M. T. h m s	Okres T sek. s	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
9	War. /d.c./	i_Z	07 52 11					N Kalifornii, Δ=84°; USCGS: 40°N, 126.6°W, H=07h39m22s.6 h=25 km; M=6 /Berkeley, Moskwa/
		e_{EZ}	32					
		e_N	51					
		ePP_Z	55 18					
		eS_E	08 02 21					
		eS_N	27					
		$eScS_N$	36					
		e_E	45					
		e_N	03 02					
		$eiPS_E$	06					
		ePS_Z	13					
		eL_E	18					
		eL_N	20					
		eL_Z	22					
		M_N	32 21	18	16			
		M_E	27	16		10.5		
		M_Z	35 19	15			9	
		F	09 32					
	Rac.	eP_{NZ}	07 52 02					SD-57; Δ=84.3°
		ei_{NZ}	16					
		e_Z	36					
		$eScS_E$	08 02 31					
		$eScS_N$	34					
		ePS_{EZ}	03 21					
		$ePPS_N$	28					
		eL_{NEZ}	23					
		M_E	31.5	18		4		
		M_{NZ}	32.2	20	3		3	
		F	56					
	Cho.	$ePcP_E$	07 52 06					Δ=84.8°
		e_{NE}	56 23					
		$eScS_N$	08 02 40					
		e_E	58					
		eL_{NE}	23					

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N	A_E	A_Z	Uwagi
			h m s	s	μ	μ	μ	
9	Cho. /d.c./	M_N	08 26.9	20	28			
		M_{NE}	30.9	18	11	11		
		F	35					
	Kra.	$ePcP_{NE}$	07 52 08					$\Delta=85.3^\circ$
		e_{NE}	43					
		e_{NE}	53 31					
		eS_{NE}	08 02 35					
		$ePPS_N$	03 45					
		eL_{NE}	14 08					
		M_N	32 35	18	7			
		M_E	33 32	16		4.3		
		F	09 23					
9	Kra.	e_{NE}	12 05 51					
		e_{NE}	06 57					
		e_{NE}	09 31					
		eL_{NE}	16 53					
9	Rac.	$ePKP_{1NEZ}$	17 06 09					SD-57;Tonga, $\Delta=152^\circ$;USCGS: $24.5^\circ S, 177.1^\circ W$, $H=16^h46^m37^s.7$ h=186 km
		$ePKP_{2NZ}$	07 26					
		F	14					
	War.	$iPKP_{2Z}$	17 06 11.5				+	$\Delta=149^\circ$
		$ePKP_{2E}$	12.5					
		$ePKP_{2N}$	16.5					
		$ipPKP_{1Z}$	46.5					
		$ipPKP_{2Z}$	07 06.5					
		$esPKP_{2E}$	18.5					
		$esPKP_{2N}$	19.5					
		ePP_Z	09 39.5					
		ePP_{NE}	40.5					
		eL_N	59.5					
		eL_E	18 00					

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N	A_E	A_Z	U w a g i
			h m s	s	μ	μ	μ	
9	War. /d.c./	eL_Z	18 03					
		M_E	11 03.5	22		7.5		
		M_N	04.5	22	8			
		M_Z	06.5	22			9.5	
		F	19 05					
	Kra.	$ePKP_{1NEZ}$	17 06 15					Chariny; $\Delta = 151^\circ$
		$ePKP_{2NEZ}$	23					
		e_{NEZ}	46					
		e_{NEZ}	07 42					
		e_{NEZ}	08 34					
		$eSKS_{NEZ}$	09 32					
9	War.	eP_{NZ}	22 05 56					Syria; $\Delta = 21^\circ$; Moskwa: $36^\circ N, 40^\circ E$, $H = 22^h01^m07^s$
		eP_E	58					
		ePP_E	06 12					
		ePP_N	18					
		$ePPP_Z$	30					
		eS_N	09 39					
		eS_E	40					
		eS_Z	42					
		$ePcP_N$	58					
		$ePcP_E$	10 04					
		eSS_N	10					
		eSS_Z	12					
		$e/SSS/_E$	23.5					
		eL_E	10.5					
		eL_Z	11.5					
		eL_N	12.5					
		F	28					
9/10	War.	$ePKS_E$	23 59 23					W-y Santa Cruz, $\Delta = 130.5^\circ$; USCGS: $11.5^\circ S, 166.3^\circ E$,
		$ePKS_N$	24					
		i_N	40					

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N	A_E	A_Z	Uwagi
			h m s	s	μ	μ	μ	
9/10	War. /d.c./	e_E	23 59 44					H=23h36m51s.5 h=80 km
		$ePPP_N$	00 01 01					
		$ePPP_E$	05					
		e_N	17					
		eL_{NE}	46					
		eL_Z	50					
		F	01 11					
10	War.	eL_{NE}	12 25.5					Ślady
		F	33					
10	War.	eL_{NE}	21 39.5					Ślady
		F	22 13					
11	War.	ePP_Z	03 10 44					Ślady Celbes, △=96.5°; USCGS: 0.0, 121.6°E, H=02h53m16s.3, h=46 km
		$epPP_Z$	59					
		$esPP_Z$	11 18					
		e_Z	44					
		$eSKS_E$	17 18					
		esS_E	18 23					
		e_E	53					
		eSP_E	19 09					
		eL_N	44					
		F	04 10					
	Rac.	e_{NE}	03 21 57					SK-58; △=98.5°
		e_E	22 06					
		e_E	12					
		F	24					
11	War.	eP_Z	05 03 37					Mindanao, Filipiny, △=92°; USCGS: 8.8°N, 126.1°E, H=04h50m33s.9, h=79 km
		e_Z	50					
		$eSKS_N$	14 21					
		$eSKKS_E$	29					
		eS_N	39					

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Data	Obserw.	Faza	G. M. T. h m s	Okres T sek. s	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
11	War. /d.c./	eS_E	05 14 44					
		ePS_Z	15 56					
		ePS_E	57					
		e_Z	16 04					
		eL_N	40					
		eL_E	42					
		F	06 03					
	Kra.	eiP_{NEZ}	05 03 42					Chariny $\triangle=93^\circ$
		$ePcP_{NEZ}$	51					
		e_{NEZ}	58					
12	War.	eP_Z	13 24 27					Hondo, Japonia, $\triangle=77.5^\circ$; USCGS: $36.1^\circ N, 141.4^\circ E$, $H=13^h12^m34^s.3$, $h=95$ km
		$iPcP_Z$	37					
		ePP_Z	27 22					
		i_E	33 01					
		$eScS_E$	34 33					
		eS_E	48					
		eL_{NE}	54					
		eL_Z	59					
		F	14 35					
	Kra.	eP_{NE}	13 24 38					$\triangle=79.5^\circ$
		ePP_{NE}	27 36					
		eS_{NE}	34 30					
		eL_{NE}	58					
		M_E	14 03 41	15	1.1			
		M_N	43	14	0.8			
	Rac.	eP_{NE}	13 24 43					$\triangle=80^\circ$
		e_E	25 04					
		F	30					
13	War.	eP_N, iP_Z	07 22 42	4			+	Hondo, Japonia, $\triangle=74^\circ$; USCGS:
		iP_E	44					

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Data	Obserw.	Faza	G. M. T. h m s	Okres T sek. s	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
13	War. /d.c./	ipP_Z	07 22 55					40.6°N, 142°E,
		$iPcP_E$	58					H=07h11m05s.5
		$iPcP_Z$	23 02					h=60 km
		$ePcP_N$	05					
		$ipPcP_{EZ}$	10					
		i_E	51					
		e_N	25 02					
		ePP_Z	28					
		$ePPP_E$	27 16					
		eiS_N	32 24					
		epS_N	28					
		$eiSKS_E$	37					
		$eiSKS_N$	40					
		$i/PPS/_N$	33 14					
		M_N	57 57	15	4			
		M_E	58 15	15		3.7		
		M_Z	59 00	16			4.9	
		F	08 30					
	Kra.	iP_{NE}	07 22 54	4				Δ=76°
		$eiPcP_{NE}$	23 06					
		ePP_{NE}	25 44					
		$eSKS_{NE}$	32 58					
	Rac.	$ePcP_{NEZ}$	07 22 58					SD-57; Δ=77°
		$epPcP_N$	23 08					
		$ipPcP_Z$	11					
		$esPcP_{NEZ}$	21					
		e_{NZ}	30					
		e_E	24 10					
		e_Z	16					
		$epPS_{NEZ}$	33 11					
		M_Z	08 00.2	18			2	
		F	15					

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N	A_E	A_Z	Uwagi
			h m s	s	μ	μ	μ	
9/10	War. /d.c./	e_E	23 59 44					H=23h36m51s.5 h=80 km
		$ePPP_N$	00 01 01					
		$ePPP_E$	05					
		e_N	17					
		eL_{NE}	46					
		eL_Z	50					
		F	01 11					
10	War.	eL_{NE}	12 25.5					Ślady
		F	33					
10	War.	eL_{NE}	21 39.5					Ślady
		F	22 13					
11	War.	ePP_Z	03 10 44					Ślady Celbes, △=96.5°; USCGS: 0.0, 121.6°E, H=02h53m16s.3, h=46 km
		$epPP_Z$	59					
		$esPP_Z$	11 18					
		e_Z	44					
		$eSKS_E$	17 18					
		esS_E	18 23					
		e_E	53					
		eSP_E	19 09					
		eL_N	44					
		F	04 10					
	Rac.	e_{NE}	03 21 57					SK-58; △=98.5°
		e_E	22 06					
		e_E	12					
		F	24					
11	War.	eP_Z	05 03 37					Mindanao, Filipiny, △=92°; USCGS: 8.8°N, 126.1°E, H=04h50m33s.9, h=79 km
		e_Z	50					
		$eSKS_N$	14 21					
		$eSKKS_E$	29					
		eS_N	39					

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N	A_E	A_Z	Uwagi
			h m s	s	μ	μ	μ	
13	Rac.	$ePKP_{NEZ}$	14 33 49					SD-57
		ePP_Z	35 20					Chile, $\Delta = 121.2^\circ$;
		e_E	40					USCGS: 39.7°S, 74.8°W,
		e_N	45					$H = 14^h 14^m 57^s.7$,
		e_{NE}	42 19					$h = 6^h$ /Moskwa/
		e_N	45 24					
		eL_E	15 00					
		M_Z	23.5	20			8	
		M_Z	26.6	20			14	
		M_{NEZ}	31.5	18	3.8	3.8	10.2	
		M_Z	38.7	15			5	
	Kra.	$ePKP_{NE}$	14 33 51					$\Delta = 122^\circ$
		e_{NE}	35 17					
		$eSKS_{NE}$	40 48					
		$eSKKS_{NE}$	42 22					
		ePS_{NE}	45 22					
		M_N	15 29 18	17	8.5			
		M_E	31 04	17		5.3		
		F	17 30					
	War.	$eiPKP_Z$	14 33 52					$\Delta = 123.5^\circ$
		$ePKP_E$	53					
		$eipPKP_Z$	34 03					
		ePP_Z	35/36/					
		e_E	10					
		$ipPP_Z$	53					
		$epPP_N$	54					
		$epPP_E$	55					
		$esPP_Z$	36 05					
		$ePKS_N$	37 21					
		$ePKS_E$	23					
		$eiPPP_Z$	38 17					
		$ePPP_E$	26					
		$ePPP_N$	28					

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Data	Obserw.	Faza	G. M. T. h	m	s	Okres T sek. s	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
13	War. /d.c./	$eipPPP_Z$	14	38	46					
		$eiSKS_E$		40	54					
		$eiSKKS_E$, $eSKKS_N$		42	36					
		$eisS_N$		43	46					
		ePS_Z		45	34					
		$eiPS_E$			37					
		$eiPS_N$			40					
		eL_N	15	09	.5					
		eL_E			12.5					
		eL_Z			15.5					
		M_Z		25	49	20			24	
		M_N		32	27	17	17			
		M_E			50	17		28		
		F	17	30						
	Cho.	e_E	14	42	08					Δ=121.6°
		$eSKKS_N$			/22/					
		ePS_N		45	14					
		$ePPS_N$		46	34					
		e_{NE}		47	39					
		e_N		50	09					
		eSS_N		52	04					
		eL_N	15	09						
		M_{NE}			23.9	20	21	28		
		M_{NE}			32.9	18	11	11		
		F	16	20						
13	Kra.	iP_{NEZ}	14	38	37					Chariny
		e_{NEZ}			56					
13	Rac.	e_{EZ}	17	13	31					SD-57
		e_E		18	35					
		e_E		23	28					
		e_Z		25	39					
		e_N		37	30					
		F	19	31						

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N	A_E	A_Z	Uwagi
			h m s	s	μ	μ	μ	
14	Kra.	eP_{NEZ}	04 12 35					Chariny Kurryle, Δ=74°; Moskwa: 46½ °N, 150°E, H=04h01m00s
		$ePcP_{NEZ}$	47					
		e_{NEZ}	13 01					
14	Kra.	e_{NEZ}	18 20 43					Chariny
		e_{NEZ}	52					
		e_{NEZ}	21 18					
14	Kra.	eP_N, eiP_{EZ}	22 44 28	1				Chariny Hindukusz, Δ=38°; USCGS: 36.0°N, 69.3°E, H=22h37m11s.9 h=69 km
		e_{NEZ}	32					
		e_{NEZ}	39					
	War.	i_N	22 49 40					Δ=37.5°
		eL_E	57					
		eL_N	58					
		F	23 13					
15	War.	eL_E	06 12					Ślady Kamczatka Skł.Z nie rejestrowała
		eL_N	15					
		F	39					
15	War.	NE	07 20-59					Ślady Maskareny
15	War.	NE	14 54-15 04					Ślady
15	Kra.	e_E	17 53 15					
		e_{NE}	54 09					
		e_{NE}	57 22					
15	Cho.	e_{NE}	21 51 54.9			+		Willmore Górny Śląsk
		e_Z	55.1				-	
		i_E	57.3					
		i_Z	57.4					
		M_{EZ}	52 04	1.4		2.4	9.8	
		e_{EZ}	10.0					
		i_{EZ}	11.3					
		F	40					

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Data	Obserw.	Faza	G. M. T. h m s	Okres T sek. s	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
15	Kra.	e_{NEZ}	21 52/05/					Chariny
		ei_{NEZ}	12.5					
		ei_{NEZ}	17					
		ei_{NEZ}	30					
17	War.	eP_Z	11 36 03					Ślady
		eL_{NEZ}	12 07.5					S Atlantyk, $\Delta=77.8^\circ$;
		F	18					USCGS: 19.8°S, 12.2°W,
								$H=11^h24^m07^s.2$
17	Rac.	e_E	15 31 56					SK-58
		e_N	58					
		e_Z	32 00					
		e_N	05					
		e_{EZ}	06					
		e_Z	12					
		e_{NE}	20					
		e_N	33					
		e_E	36					
		F	34					
	Kra.	e_{NE}	15 32 19					Chariny
		e_{NE}	27					
18	Kra.	ei_{NEZ}	20 58 47					Chariny
		e_{NEZ}	53					
		e_{NEZ}	59 10					
18	Kra.	e_{NE}	23 38 41					
		e_{NE}	41 58					
	War.	NE	23 43-48					Ślady
19	Kra.	e_{NEZ}	19 16 43					Chariny
		e_{NEZ}	51					
		e_{NEZ}	17 07					
19	Cho.	e_{NEZ}	23 49 14.0					Górny Śląsk
		M_{NEZ}	16	0.9	16	6.2	2.5	
		F	35					

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Data	Obserw.	Faza	G. M. T. h m s	Okres T sek. s	Amplituda A_N A_E A_Z μ μ μ	U w a g i
19	Kra.	e_{EZ}	23 49 27			Chariny
		ei_{NEZ}	36			
		e_{NEZ}	40			
20	Kra.	$ePcP_{NE}$	20 21 51			Tristan da Cunha, Δ=91°; USCGS: 35.6°S, 15.4°W, H=20h08m39s.0, h=37 km
		e_{NE}	22 33			
		eS_{NE}	32 36			
		e_{NE}	33 15			
	War.	eP_Z	20 22 10			Δ=93.7°
		e_Z	24 49			
		eS_E	33 05			
		eS_N	07			
		eSS_E	39 25			
		e_E	44 23			
		e_N	45 43			
		eL_N	53.5			
		eL_E	56.5			
		eL_Z	57.5			
20	War.	eL_{NE}	22 06.5			Ślady
		eL_Z	08.5			
		F	16			
21	Rac.	e_E	10 08 14			SD-57
		e_E	09 30			
		e_E	11 01			
		F	26			
23	Kra.	eP_{NEZ}	09 05 13			Chariny
		e_{NEZ}	19			S Iran, Δ=36.7°; USCGS: 29.0°N, 59.9°E, H=08h58m12s.1 h=116 km
		e_{NEZ}	23			
	War.	eP_Z	09 05 21			Δ=37°
		$e/S/_E$	11 03			
		e_{NE}	14 54			

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N	A_E	A_Z	Uwagi
			h m s	s	μ	μ	μ	
23	War. /d.c./	eL_{NE}	09 19.5					
		eL_Z	24.5					
		F	39					
23	War.	e_Z	23 06 02					
		e_Z	07 29					
		eL_{NE}	53.5					
		eL_Z	54.5					
		F	00 40					
24	Kra.	eL_{NE}	00 01					
		M_N	03 39	24	3.9			
24	War.	eP_Z	01 55 12					Kamczatka, △=67.5°; USCGS:56.3°N,163.8°E H=01h44m09s.9, h=25 km
		e_Z	26					
		eS_E	02 04 02					
		eS_N	08					
		ePS_E	27					
		ePS_N	31					
		e_E	11 56					
		eL_E	14.5					
		eL_N	16.5					
		eL_Z	23					
		M_{NE}	27 57	13	12	6		
		M_Z	28 59	15			7	
		F	03 00					
	Kra.	$e/S/_{NE}$	02 04 35					△=69°
		ePS_{NE}	56					
		e_{NE}	12 43					
		e_E	16 43					
		eL_{NE}	22					
		M_{NE}	30 33	13	2.4	1		
24	War.	e_Z	06 08 39					
		i_Z	53					
		e_Z	11 50					
		F	12					

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N	A_E	A_Z	Uwagi
			h m s	s	μ	μ	μ	
24	Rac.	e_Z	23 26 19					SK-58
		e_Z	39					
		F	29					
	Kra.	e_{NEZ}	23 26 23					Chariny
		e_{NEZ}	33					
		e_{NEZ}	35					
25	Kra.	e_{NEZ}	09 35 07					Chariny
		ei_N	13					
		ei_{EZ}	15					
		e_{NEZ}	19					
25	Rac.	N	17 18-18 39					SD-57; ślady
25	War.	eP_Z	17 53 39					Tox, Aleuty, $\Delta=75^\circ$; USCGS: 52.7°N, 169.6°W, $H=17^h41^m58^s.8$, $h=38$ km
		eL_{NE}	18 21.5					
		eL_Z	25.5					
		F	50					
	Kra.	eP_{NE}	17 53 54					$\Delta=76.3^\circ$
		e_{NE}	54 38					
		$eSKS_{NE}$	18 03 49					
		e_{NE}	05 41					
		M_N	29 37	20	1.8			
25	Cho.	i_{EZ}	20 50 04.0				-	Willmore Górny Śląsk
		M_{EZ}	09	0.6		1.9	2.3	
		e_E	15.4					zapis na N nieczytelny
		i_E	18.7					
		F	42					
	Kra.	e_{NEZ}	20 50 14					Chariny
		e_{NEZ}	23					
		e_{NEZ}	26					
		e_{NEZ}	32					

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N	A_E	A_Z	Uwagi
			h m s	s	μ	μ	μ	
26	War.	e_E	18 49 55					Nowe Hebrydy, $\Delta=132.3^\circ$; USCGS: $13.5^\circ S, 165.9^\circ E$, $H=18^h27^m18^s.2$ $h=56$ km
		e_N	57					
		$ePKS_{DZ}$	50 10					
		$iPKS_{DN}, ePKS_{DE}$	17					
		e_Z	40					
		F	55					
27	Kra.	e_{NE}	10 21 05					Turcja Moskwa: $H=10^h18^m14^s$
		e_{NE}	21					
		e_{NE}	22 11					
		e_{NE}	23 40					
		e_{NE}	24 17					
		M_E	34	9		1.2		
		M_N	41	8	0.9			
		F	11 00					
	Rac.	e_E	10 21 18					SK-58
		e_E	47					
		F	31					
	War.	$e/P/_Z$	10 21 30					
		e_Z	58					
		e_Z	24 05					
		$e/S/_E$	55					
		$e/S/_{NZ}$	56					
		e_E	25 11					
		e_E	56					
		e_E	26 40					
		e_N	27 33					
		eL_{NEZ}	28.5					
		F	50					
27	Rac.	ei_{EZ}	14 50 38					SK-58
		ei_{EZ}	56					
		F	53					

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N	A_E	A_Z	Uwagi
			h m s	s	μ	μ	μ	
27	Kra.	eiP_{NEZ}	18 27 25					Chariny Kuryle, △=72.3°; USCGS: 49.9°N, 153.7°E, H=18h16m15s.7, h=220 km
		e_{NEZ}	40					
29	War.	e_N	18 08 12					Ślady Rejon Krety, Moskwa: H=18h00m30s
		e_E	31					
		eL_{NEZ}	12					
		F	20					
30	Rac.	e_N	13 52 30					SK-58
		e_Z	34					
		e_Z	49					
		e_Z	57					
		F	54					
31	Kra.	ePP_{NE}	22 15 42					Turcja, △=16°; Moskwa: 38°N, 34½°E, H=22h11m40s
		eSS_{NE}	18 45					
		e_{NE}	20 13					
	Rac.	NZ	22 16-22					SK-58; ślady
	War.	eSS_E	22 19 04					Skł.Z nie rejestrowała, △=17°
		eSS_N	09					
		e_N	20 35					
		e_E	41					
		e_N	21 17					
		e_E	23 01					
		eL_{NE}	24					
		F	34					

Z.Gryglewicz

H.Skoczek

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Data	Obserw.	Faza	G. M T.	Okres T sek.	Amplituda A_N	A_E	A_Z	Uwagi
			h m s	s	μ	μ	μ	
1	Kra.	ePP_{NE}	09 50 32					Nowe Hebrydy, △=138°;USCGS: 16.8°S,167.6°E, H=09h28m19,5s, h=63 km; M=6 /Pasadena/
		$ePKS_{NE}$	51 24					
		e_{NE}	54 36					
1	Kra.	iP_{NEZ}	11 52 25					Chariny
		e_{NEZ}	35					
		e_{NEZ}	51					
1	War.	eP_N	15 48 42					W.Kodiak,Alaska, △=71,4°:USCGS: 56,1°N,153,7°W, H=15h37m14,4s h=24 km; M=6-6½ /Pasadena/ Skł, Z nie rejestrowała
		$ePcP_N$	57					
		$ePcP_E$	58					
		e_N	49 13					
		e_E	50 53					
		ePP_E	51 12					
		ePP_N	19					
		e_N	55					
		e_N	56 02					
		eiS_N, eS_E	58 01					
		e_N	13					
		$eiPS_E$	19					
		$eiPPS_N$	35					
		$eiPPS_E$	38					
		ei_N	59 00					
		e_N	16 00 06					
		eL_N	12					
		eL_E	14					
		M_E	30 10	15			5.5	
		M_N	33	15	4			
		F	17 27					

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Data	Obserw.	Faza	G. M. T. h m s	Okres T sek. s	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
1	Kra.	eiP_N	15 48 50					$\triangle=74^\circ$
		e_{NE}	49 53					
		ePP_{NE}	51 35					
		eS_{NE}	58 24					
		eL_{NE}	16 17					
		M_N	30 37	14	2			
		F	17 08					
	Rac.	eP_{NZ}	15 48 51					SK-58; $\triangle=74^\circ$
		e_{NZ}	49 30					Skł.E nie rejestrowała
		e_Z	45					
		e_Z	50 30					
		F	16 05					
2	Kra.	e_{NE}	09 48 12					
		e_{NE}	52					
		e_{NE}	51 36					
2	Rac.	NZ	11 00-02					SK-58; ślady
2	Rac.	eP_Z	13 56 38					SK-58: Tybet, $\triangle=62,3^\circ$; USCGS: 28,7°N, 98,3°E, $H=13^h46^m10,0^s$ $h=48$ km Skł.N nie rejestrowała
		eP_N	41					
		$ePcP_N$	57 20					
		F	14 01					
	War.	eS_N	14 04 30					$\triangle=60^\circ$ Skł.Z nie rejestrowała
		eS_E	34					
		$ePPS_N$	51					
		$eScS_E$	06 10					
		e_N	14 10					
		e_E	20					
		eL_N	20					
		eL_E	22					

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N	Amplituda A_E	Amplituda A_Z	Uwagi
			h m s	s	μ	μ	μ	
2	War. /d.c./	M_E	14 24 08	12		3.4		
		M_N	43	14	9			
		F	57					
	Kra.	e_{NE}	14 04 48					$\Delta=61.3^\circ$
		e_{NE}	15 41					
		e_{NE}	20 30					
2	Rac.	eP_Z	22 14 45					SK-58 W-y Fox, Aleuty $\Delta=77.8^\circ$; USCGS: 52.0°N, 171.4°W, H=$22^h02^m48.9^s$, h=49 km Skł.E nie rejestrowała
		eP_N	47					
		e_Z	50					
		$ePcP_Z$	58					
		$ePcP_N$	15 04					
		e_Z	18					
		e_N	26					
		F	23					
	Kra.	eP_{NE}	22 14 46					$\Delta=77.5^\circ$
		e_{NE}	15 17					
		e_{NE}	20 37					
		eS_{NE}	24 32					
		M_N	49 57	20	4			
		M_E	51 53	20		2.3		
	War.	e_N	22 23 43					$\Delta=75.5^\circ$
		eS_E	24 07					
		eS_N	08					
		e_N	21					
		$eScS_E$	40					
		$eSPP_N$	57					
		$ePPS_E$	25 04					
		e_E	27 09					
		eL_{NE}	37					
		M_N	50 34	20	16			
		M_E	40	17		5.7		
		F	23 32					

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Data	Obserw.	Faza	G. M. T. h	m	s	Okres T sek. s	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
3	Kra.	e_{NE}	00	04	41					
		e_{NE}		05	10					
		e_{NE}		08	13					
	Rac.	e_{NZ}	00	04	53					SK-58
		e_{NZ}			59					Skł.E nie rejestrowała
		e_Z		05	07					
		e_Z			22					
		F		10						
	War.	e_{NE}	00	04	53					
		e_N		05	20					
		e_E		08	25					
		ei_N			46					
		e_N		09	52					
		e_N		11	48					
		e_E		12	09					
		eL_{NE}		14						
		F		25						
3	Rac.	$ePKP_Z$	06	01	28					SK-58; Tonga, △=145.5°; USCGS: 20.9°S, 174.4°W, H=05h41m39.9s, h=61 km
		e_{NZ}			32					Skł.N nie rejestrowała
		e_{NZ}			37					
		F		03						
3	Rac.	e_{NZ}	07	55	18					SK-58
		e_N			43					Skł.E nie rejestrowała
		F		57						
3	Rac.	$ePKP_{NZ}$	12	59	43					SK-58
		e_Z			59					W-y Salomona, △=122.8°; USCGS: 6.1°S, 154.5°E, H=12h41m34.9s, h=457 km
		e_Z	13	00	11					Skł.E nie rejestrowała
		F		08						

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Data	Obserw.	Faza	G. M. T. h m s	Okres T sek. s	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
3	Kra.	$ePKP_{NE}$	12 59 44					$\Delta=122^\circ$
		ePP_{NE}	13 01 23					
		e_{NE}	02 53					
		ePS_{NE}	11 16					
	War.	e_E	13 00 28					$\Delta=120^\circ$
		e_N	32					
		ePP_E	01 13					
		ePP_N	19					
		$eSKS_E$	05 58					
		$eSKS_N$	06 02					
		$eSKKS_N$	07 24					
		$eSKKKS_N$	31					
		eS_N	08 16					
		eS_E	23					
		e_N	31					
		F	14 03					
3/4	War.	eiP_N	23 58 01					Kuryle, $\Delta=73.5^\circ$; USCGS: 44.6°N, 149.1°E, $H=23^h46^m23^s.9$, h=27 km; M=6¼ /Pasadena/ 6,3 /Warszawa/
		eiP_E	02					
		$ePcP_N$	22					
		$ePPP_N$	00 02 25					
		e_E	48					
		eS_N	07 26					
		eS_E	29					
		$eiPS_E$	51					
		$eiScS_E$	08 07					
		$eScS_N$	15					
		$ePPS_N$	22					
		eL_{NE}	25					
		M_N	34 43	13	15.5			
		M_E	58	15		7.5		
		F	01 16					
	Kra.	eiP_{NE}	23 58 13	ca 3.5				$\Delta=75.5^\circ$
		$eiPcP_{NE}$	28					

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Data	Obserw.	Faza	G. M. T. h	m	s	Okres T sek. s	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
3/4	Kra. /d.c./	e_{NE}	23	59	42					
		eS_{NE}	00	07	50					
		ePS_{NE}		08	36					
		M_N		35	18	14.5	4.3			
		M_E			21	13.5		5.4		
	Rac.	eP_Z	23	58	15				-	SK-58; △=76.5°
		iP_Z			16,4	1.3			2	Skł.E nie rejestrowała
		eP_N			17		+			
		$ePcP_{NZ}$			25					
		e_{NZ}			41					
		e_Z			50					
		e_Z		59	30					
		F	00	05						
6	Kra.	eiP_{NEZ}	08	48	43					Chariny
		e_{NZ}			51					
6	Kra.	eiP_{NZ}	10	51	53					Chariny
		ei_{NZ}			56					
		e_{NE}		52	01					
6	Rac.	e_Z	14	22	26					SK-58 W-y Lojalności, △=142.7°; USCGS; 20.4°S, 169.4°E, H=14h03m01.8s, h=35 km
		e_Z			31					
		F		27						
6	Kra.	eiP_{NEZ}	15	36	19					Chariny Japonia, △=75°; USCGS: 41.9°N, 142.5°E, H=15h24m40.5s, h=109
		e_{NEZ}			24					
		$ePcP_{NEZ}$			35					
	Rac.	eP_Z	15	36	23					SK-58; △=76° Skł.E nie rejestrowała
		eP_N			25					
		$e/PcP/_Z$			36					
		F		41						

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N	A_E	A_Z	Uwagi
			h m s	s	μ	μ	μ	
7	War.	$ePPS_N$	01 42 14					Rejon Tristan da Cunha, $\Delta=86^\circ$; USCGS: $37.2^\circ S, 16.1^\circ W$, $H=01^h17^m39.1^s$, h=25 km
		$ePPS_E$	19					
		F	02 00					
7	Kra.	eP_{NE}	11 56 43					Kuryle, $\Delta=75.8^\circ$; USCGS: $44.3^\circ N, 149.1^\circ E$, $H=11^h44^m56.6^s$ h=89 km
		e_{NE}	12 12 49					
		$eSSS_E$	14 48					
		$e/SSS/_N$	52					
	Rac.	eP_Z	11 56 45					SK-58; ślady $\Delta=76.5^\circ$ Skł.E nie rejestrowała
		$ePcP_Z$	58					
		F	12 00					
	War.	eL_{NZ}	12 32					
		F	43					
8	Kra.	eiP_{NEZ}	20 45 37					Chariny
		e_{NEZ}	46					
		e_{NEZ}	51					
	Rac.	e_{NZ}	20 45 48					SK-58
		e_E	46 02					
		F	48					
9	War.	eiP_Z	16 24 13					M. Grenlandzkie ZSRR: $H=16^h19^m14^s$
		$e/P/_N$	19					
		e_Z	24					
		ePP_N	31					
		e_Z	45					
		eS_E	28 15					
		e_{NE}	26					
		$eSSS_N$	59					
		eL_{NEZ}	31					
		F	45					

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Data	Obserw.	Faza	G. M. T. h m s	Okres T sek. s	Amplituda A_N A_E A_Z μ μ μ	Uwagi
9	Rac.	eP_N	16 24 32			SK-58
		e_E	42			
		e_Z	47			
		ePP_N	52			
		e_N	25 28			
		F	30			
	Kra.	eP_N	16 24 33			
		e_{NE}	37			
		e_N	25 25			
		eS_{NE}	28 51			
		eL_N	33			
		M_N	34 17	16	2	
9	War.	eiP_Z	20 09 30			Rejon Jan Mayen, $\Delta=22^o$; USCGS: $71.7^oN, 1.3^oW$, $H=20^h04^m32.7^s$ h=23 km
		e_Z	36			
		e_E	37			
		e_Z	42			
		ePP_Z	51			
		$iPPP_N$	10 03			
		$ePPP_E$	09			
		eS_N	13 32			
		$e/SS/_N$	57			
		eL_{NEZ}	16			
		F	24			
	Rac.	eP_Z	20 09 47			SK-58; $\Delta=23.5^o$;
		eP_N	50			
		e_E	55			
		e_N	10 04			
		e_Z	06			
		$ePPP_{EZ}$	31			
		F	15			

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N	A_E	A_Z	Uwagi
			h m s	s	μ	μ	μ	. . .
9	Kra.	eP_{NE}	20 09 50					$\triangle$=23.7°
		e_{NE}	56					
		e_N	10 56					
		eS_N	14 10					
		eL_N	18					
		M_N	19 34	16	1.5			
10	Rac.	NZ	00 22-28					SK-58; ślady
	Kra.	e_N	00 23 00					Kreta, ZSRR, 34°N, 25°E, H=00h19m00s
		e_{NE}	30					
		e_E	26 06					
		eL_E	30					
		M_E	31 32	9		1		
		M_N	38	8	0.9			
	War.	ePP_Z	00 23 30					$\triangle$=18.5°
		$ePPP_Z$	/46/					
		eS_N	26 45					
		eS_{EZ}	/46/					
		e_N	52					
		$eSSS_N$	27 08					
		e_E	28 30					
		eL_{NZ}	30					
		eL_E	31					
		M_{NE}	32 01	6;8	2.3	5		
		M_Z	52	8			2	
		F	42					
10	Kra.	eiP_{NEZ}	10 57 14					Chariny
		ei_{NEZ}	18					
		ei_{NEZ}	41					
	War.	e_Z	10 57 14					
		e_Z	20					
		e_Z	11 01 07					
		e_Z	18					

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Data	Obserw.	Faza	G. M. T. h m s	Okres T sek. s	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
10	War. /d.c./	e_E	11 06 36					
		e_N	41					
	✓	e_E	51					
		e_N	52					
		e_N	07 30					
		eL_{NE}	10					
		F	19					
12	Kra.	eP_{NE}	12 29 19					Riukiu, △=80°; USCGS: 27.3°N, 128.4°E, H=12h17m08.1s h=48 km; M=6½-6¾/Pasadena/
	✓	eL_{NE}	13 01					
		M_E	08 01	16		2.2		
	Rac.	E	12 46-50					SK-58; ślady
	Rac.	e_N	12 29 26					SK-58
	✓	e_N	37					
		e_N	30 25					
		F	35					
	War.	eL_{NE}	12 59					
	✗	M_E	13 07 03	15		7.4		
		M_N	18	15	5.9			
		F	29					
12	Cho.	i_{NEZ}	21 23 50.4		-	/-/	-	Górny Śląsk
	✗	i_Z	50.8					
		M_{NEZ}	53	0.9	27.5	53	6.1	
	Kra.	e_{NEZ}	21 24 01.4					Chariny
	✗	ei_{NEZ}	11.4					
		ei_{NEZ}	16.4					
13	Rac.	eP_N	03 21 15					SK-58 W-y Bonin, △=87°; USCGS: 27.0°N, 140.2°E, H=03h09m09.7s h=439 km
	✓	F	23					

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N	A_E	A_Z	Uwagi
			h m s	s	μ	μ	μ	
14	Kra. ✓	eP_{NEZ}	00 46 59					Chariny Filipiny, △=84.5°; USCGS: 16.9°N, 122.3°E, H=00h34m25.3s h=50 km
		$ePcP_{NEZ}$	47 14					
		e_{NEZ}	21					
	War. ✓	e_Z	23 38 20					Silne mikrosejsmy
		e_N	23					
		e_E	24					
		e_E	29					
		i_Z	35					
		e_Z	46					
		e_N	39 11					
		e_N	40 16					
	Kra. ✓	e_{NE}	23 38 28					Ślady
		e_{NE}	58					
		e_{NE}	39 46					
	Rac. ✓	e_{NEZ}	23 38 28					SK-58
		e_{NEZ}	42					
		F	44					
15	War. ✓	eiP_Z	18 10 08					Rejon wysp Volcano, △=90.5°; USCGS: 21.4°N, 142.9°E, H=17h57m42.7s h=361 km
		NEZ	18 48-19 02					
	Rac. ✓	eP_Z	18 10 22					SK-58; △=93.3°
		F	17					
16	Rac. X	e_Z	02 45 35					SK-58
		e_Z	48					
		F	47					
16	Cho. X	e_Z	07 37 38.9					Górny Śląsk
		e_N	40.5					

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N	A_E	A_Z	Uwagi
			h m s	s	μ	μ	μ	
16	Cho. /d.c./	i_Z	07 37 41.7					
		M_Z	47	1.7			1.4	
		F	38 06					
	Kra.	e_{NEZ}	07 37 50.5					Chariny
		e_{NEZ}	38 06					
		e_{NEZ}	29					
	Rac.	e_{EZ}	07 37 53					SK-58
		e_E	38 04					
		e_Z	08					
		F	41					
17	War.	eiP_Z	08 04 12					Kuryle, Δ=71.5°; USCGS: 49.3°N, 155.4°E, H=07h52m50.8s h=35 km
		$ePcP_Z$	40					
		$ePPP_Z$	08 34					
		eS_N	13 27					
		eS_E	28					49.4°N, 155.2°E, I H=08h05m29.5s, h=28 km
		$ePPS_N$	14 17					
		e_E	37					
		$eiPI_{NZ}$	16 51					
		eSS_Z	18 02					
		$ePPPI_{NZ}$	21 12					
		$eSSSS_E$	22 31					
		eSI_{NE}	26 10					
		e_Z	24					
		$iPPSI_N$	56					
		eL_E	28					
		eL_N	29					
		eL_Z	33					
								zmiana papieru
		F	09 42					
	Kra.	eP_{NE}	08 04 24					Δ=73°
		$ePcP_{NE}$	51					
		e_{NE}	13 25					

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N	A_E	A_Z	Uwagi
			h m s	s	μ	μ	μ	
17	Kra. /d.c./	ePI_{NE}	08 16 59					
		$eSSS_{NE}$	21 43					
		M_E	48 34	20		5.2		
		M_N	51 56	20	10.6			
	Rac.	eP_Z	08 04 28					SK-58; Δ=74°
		$ePcP_Z$	39					
		F	09					
17	Cho.	eP_N	08 17 06					Δ=73°
		e_{NE}	37					
		e_N	19 31					
		ePS_E	26 59					
		eL_N	41.5					
		M_{NE}	52.7	18	22	11		
		F	09 04					
	Rac.	eP_{NEZ}	08 17 08					SD-57; Δ=73.5°
		$ePcP_Z$	24					
		e_Z	34					
		e_{EZ}	18 17					
		e_{EZ}	19 15					
		ePS_Z	27 08					
		eL_{NEZ}	42					
		M_Z	53.0	21			10	
		F	09 21					
17	War.	$eiPKP_{2Z}$	20 15/51/					Tonga, Δ=146.5°; USCGS: 20.9°S, 174.5°W, H=19^{h}56^{m}11.1^s, h=28 km; M=6 /Pasadena/
		$ePKP_{2N}$	55					
		i_Z	16 05					
		e_N	08					
		ei_E	12					
		i_Z	13					
		e_Z	17 46					
		$eiPP_Z$	19 13					
		$ePKS_{DN}$	31					
		$ePPP_N$	22 34					

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Data	Obserw.	Faza	G. M. T. h m s	Okres T sek. s	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
17	War. /d.c./	eL_N	21 14					
		eL_E	15					
		F	49					
17	Kra.	$ePKP_{1NE}$	20 15 58					$\triangle$=148.5°
		$ePKP_{2NE}$	17 12					
		M_N	21 19 59	20	1.6			
	Rac.	$ePKP_{2Z}$	20 16 01					SK-58; $\triangle$=149°
		$ePKP_{2N}$	02					
		e_{NZ}	16					
		e_Z	26					
		e_{NZ}	37					
		e_{NZ}	17 21					
		F	20					
18	Rac.	e_Z	09 58 55					SK-58
		e_Z	59 26					
		F	10 03					
	Kra.	e_{NE}	09 58 57					
		e_{NE}	59 11					
		e_{NE}	47					
18	Cho.	ei_E	19 13 50.8			-		Willmore Górny Śląsk
		e_Z	51.2					
		e_N	51.4					
		M_{NEZ}	14 02	0.8	1.9	2	1.8	
		F	30					
	Kra.	e_{NEZ}	19 13 57.5					Chariny
		ei_{NEZ}	14 05					
		e_{NE}	13					
		e_{NEZ}	17					
	Rac.	e_Z	19 13 59					SK-58
		e_Z	14 08					
		e_Z	19					
		F	17					

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N	A_E	A_Z	Uwagi
			h m s	s	μ	μ	μ	
18	Rac.	eP_Z	19 38 27					SK-58; ślady Aleuty, Δ=78.5°, USCGS: 51.5°N, 170.1°W, H=19h26m30.9s
		F	40					
19	War.	$ei/P/_Z$	03 52 00					Filipiny; ZSRR: H=03h39m40s; M=6
		eP_E	06					
		$ePcP_Z$	15					
		$ePcP_N$	19					Filipiny, Δ=83°; USCGS: 15.6°N, 120°E, H=03h39m40.9s, h=97 km
		$ePPP_N$	57 19					
		ei_E	04 02 14					
		ei_N	17					
		eiS_E	27					
		ei_N, e_{EZ}	03 00					
		e_N	36					
		e_E	04 00					
		eL_N	13					
		eL_E	15					
		eL_Z	17					
		M_N	27 20	13	10			
		M_E	26	13		3.7		
		M_Z	41 25	17			9	
		F	05 29					
	Kra.	e_{NE}	03 52 08					
		e_{NE}	34					
		e_{NE}	04 02 27					
		M_N	27 59	14	2.7			
		M_E	27 14	12		1.1		
	Rac.	e_Z	03 52 15					SK-58
		e_Z	26					
		F	54					
19	Kra.	eP_{NE}	19 14 25					Kolumbia-Panama, Δ=89.5°; USCGS: 6.9°N, 77.5°W, H=19h01m25.4s, h=66 km;
		ePP_{NE}	17 50					
		eS_{NE}	25 14					
		M_E	47 19	25		5.3		

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N	A_E	A_Z	Uwagi
			h m s	s	μ	μ	μ	
19	Kra. /d.c./	M_E	19 52 14	20		2.8		M=6 /Pasadena/
		M_N	45	21	2.9			
	War.	eP_E	19 14 24					Δ=89.5°
		eiP_Z	26					
		$eiPP_Z$	18 01					
		ePP_E	09					
		$eSKS_E$	24/52/					
		eiS_N	25 19					
		eS_{EZ}	22					
		e_N	37					
		e_E	39					
		e_E	26 05					
		e_N	07					
		e_N	52					
		eL_{NE}	36					
		eL_Z	40					
		M_E	52 24	22		19		
		M_Z	28	20			20	
		M_N	35	22	8			
		F	20 53					
	Rac.	e_{NZ}	19 29 19					SK-58; Δ=88°
		e_{NZ}	40					
		e_Z	49					
		e_{NZ}	30 05					
		F	35					
20	War.	eSS_Z	04 22 52					Ślady ZSRR; Δ=41°; USCGS: 49.9°N, 88.4°E, H=$04^h05^m56.9^s$, h=29 km
		eSS_{NE}	59					
		e_{NE}	24 22					
		e_Z	25 18					
		e_Z	27 03					
		e_N	07					
		e_E	11					
		e_N	28 07					
		F	45					

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N	A_E	A_Z	Uwagi
			h m s	s	μ	μ	μ	
20	Kra.	e_{NE}	04 26 24					Ślady
		e_{NE}	55					
		e_{NE}	28 35					
21	Rac.	eP_{NZ}	16 19 59					SK-58 M.Wschodnio-chińskie, Δ=79.5°; USCGS: 26.5°N, 124.8°E, H=16h08m14.7s, h=207 km
		e_N, i_Z	20 05					
		e_Z	15					
		F	24					
22	Kra.	$e/P/_{NE}$	05 47 36					Afryka, rejon Jez. Tanganika, Δ=55°; ZSRR: 4°S, 30°E, H=05h38m09s; M=6
		e_{NE}	48 07					
		e_{NE}	55 13					
		e_{NE}	46					
		M_{NE}	06 16 35	14	1.1	1.7		
	Rac.	eP_{NE}	05 47 42					SD-57; Δ=55°
		e_{NE}	48 26					
		eS_N	55 23					
		eL_{NE}	06 08					
		F	37					
22	War.	e_N	05 55 41					Δ=56.8°
		e_N	57 46					
		e_E	50					
		e_Z	06 01 03					
		e_E	13					
		e_E	02 07					
		e_E	06 37					
		eL_N	09					
		eL_E	10					
		eL_Z	15					
		M_Z	18 33	15			5.5	
		M_E	19 35	12		2.5		
		M_N	39	12	10			
		F	57					

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N	A_E	A_Z	Uwagi
			h m s	s	μ	μ	μ	
22	Kra.	eiP_{NE}	09 15 00					Afryka, $\triangle=55^\circ$; Replika poprzedniego; ZSRR: H=09h05m33s; M=6¾
		i_N	05					
		e_{NE}	17 00					
		e_{NE}	18 29					
		e_{NE}	22 35					
		M_N	43 57	12.5	4			
		M_E	44 28	11.5		2.7		
	Rac.	eP_{NE}, i_Z	09 15 03					$\triangle=55^\circ$
		ei_Z	07					
		e_{EZ}	18					
		e_{EZ}	25					
		i_N	30					
		e_{NE}	16 24					
		e_N	22 31					
		e_{NE}, i_Z	24 23					
		i_N, e_E	32 08					
		e_Z	33					
		eL_{NEZ}	39					
		M_{NZ}	44.1	11	7		2	
		M_{NZ}	53.8	10	4		2	
		F	10 36					
	War.	eiP_Z	09 15 13					
		eP_N	16					
		i_Z	19					
		$ePcP_E$	16 22					
		e_Z	18 25					
		$e/PPP/_E$	19 00					
		e_N	22 42					
		eS_E	23 07					
		eiS_N	12					
		ei_Z	24 24					
		e_N	35					
		e_E	47					
		$iScS_E$	25 06					

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N	A_E	A_Z	Uwagi
			h m s	s	μ	μ	μ	
22	War. /d.c./	e_Z	09 25 36					
		e_Z	26 33					
		eL_N	27					
		eL_E	30					
		eL_Z	32					
		M_N	43 32	16	26			
								zmiana papieru
		M_Z	56 10	13			8.3	
		M_E	14	13		11		
		M_N	18	12	18			
		F	11 35					
22	Cho.	e_N	09 18 37					
		e_N	19 27					
		e_N	22 42					
		e_N	24 22					
		e_N	47					
		M_N	40.3	16	25			
		M_N	44.6	12	14.3			
		F	10 20					
22	Kra.	$e/P/_{NEZ}$	09 24 15					Chariny Nałożone na poprzednie
		ei_{NEZ}	20					
23	Cho.	e_N, ei_E, i_Z	03 43 45.2		-	-		Willmore Górny Śląsk
		M_{NEZ}	49	1	3.2	2.4	1.6	
		F	44 10					
	Kra.	e_{NEZ}	03 43 56.5					Chariny
		e_{NEZ}	44 07					
		e_{NEZ}	13					
23	Rac.	e_{NZ}	23 22 17					SK-58
		e_Z	32					
		F	26					

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Data	Obserw.	Faza	G. M. T. h m s	Okres T sek. s	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
25	Rac.	e_{NZ}	15 58 57					SK-58
		e_Z	59 07					
		e_N	24					
		F	16 01					
26	Rac.	e_Z	22 48 48					SK-58
		e_Z	49 14					
		F	53					
27	Kra.	e_{NE}	12 37 44					Ślady
		e_{NE}	38 44					
28	War.	EZ	06 00-20					Ślady Skł.N nie rejestrowała
	Kra.	eL_{NE}	06 01					Ślady
		M_N	02 36	15	1.3			
28	Rac.	e_Z	20 49 03					SK-58
		e_{NZ}	20					
		e_{EZ}	34					
		e_E	50 19					
		e_{NZ}	46					
		F	55					
	Kra.	e_{NE}	20 50 09					
		e_{NE}	41					
		e_{NE}	51 40					
	War.	e_Z	20 51 13					
		e_Z	52 04					
		e_N	11					
		e_E	17					
		e_Z	53 12					
		e_N	45					
		F	21 02					

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Data	Obserw.	Faza	G. M. T.	Okres T sek.	Amplituda A_N	A_E	A_Z	Uwagi
			h m s	s	μ	μ	μ	
28	Kra.	e_{NE}	22 26 08					
		e_{NE}	28 57					
		e_{NE}	29 39					
	Rac.	Z	22 27-34					SD-57; ślady
	War.	e_N	22 30 08					
		e_Z	32					
		e_N	48					
		e_N	32 26					
		e_Z	33 14					
		e_E	23					
		F	41					
29	War.	NEZ	10 58-11 07					Ślady
29	War.	eP_Z	11 31 24					Mariany, △=93.5°; USCGS: 18.9°N, 144.7°E, H=11h18m52.9s, h=469 km; M=6¾-6½ /Pasadena/
		i_Z	27					
		epP_Z	33 01					
		e_N	34 41					
		ePP_{NZ}	35 19					
		e_E	39 04					
		e_E	41 03					
		$eSKS_N$	20					
		eiS_{NE}	/55/					
		e_E	44 03					
		eL_N	54					
		eL_{EZ}	55					
		M_N	12 14 10	10	3.2			
		M_Z	20	12			2.9	
		M_E	24	15		3.6		
		F	13 00					
	Kra.	eP_{NE}	11 31 33					△=95.5°
		e_{NE}	34 40					
		$eiPP_{NE}$	35 36					

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Data	Obserw.	Faza	G. M. T. h	m	s	Okres T sek. s	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
29	Kra. /d.c./	e_{NE}	11	41	29					
		$e/S/_{NE}$		42	10					
		M_E	12	10	07	19		1.7		
		M_N			17	18	2			
	Rac.	eP_{NEZ}	11	31	37					SD-57; Δ=96.5°
		e_{EZ}		34	46					
		e_E		35	11					
		e_N			32					
		e_{EZ}			37					
		e_Z		37	30					
		e_{NEZ}		43	43					
		M_Z	12	16	.8	12			1	
		F		37						
30	Rac.	e_Z	11	01	10					SK-58
		e_{NEZ}			29					
		e_N			48					
		e_Z		02	10					
		F		04						
30	Rac.	e_Z	14	52	46					SK-58
		e_{NE}			49					
		e_Z		53	09					
		e_{NE}			11					
		e_Z			20					
		e_{NE}			24					
		e_{NZ}			45					
		F		55						

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Data	Obserw.	Faza	G. M. T.	Okres T	Amplituda A_N	A_E	A_Z	U w a g i
			h m s	s	μ	μ	μ	
1	Kra,	eP_{NE}	05 34 17					Kreta, △=15.7°; Moskwa: 35°N, 26°E, H=05h30m34s
✓		e_{NE}	23					
		$e/PPP/_{NE}$	50					
		eS_{NE}	37 07					
	Rac.	eP_{NE}	05 34 22					SK-58; △=16.1°
✓		ePP_{NE}	38					
		$ePPP_{NE}$	45					
		F	37					
	War.	eP_Z	05 34 39					Ślady; △=17.7°
✓		eP_E	44					
		eL_{NE}	39					
		F	53					
1	Cho.	i_{EZ}	12 37 34.6			-	+	Willmore Górny Śląsk
		ei_N	35.2					
		e_Z	37.2					
		M_{EZ}	43	1.0		2.2	2.0	
		M_N	46	0.9	1.8			
	Kra.	e_{NEZ}	12 37 43					Chariny
		ei_{NEZ}	51.7					
1	War.	eP_Z	16 22 38					Fox, Aleuty, △=75.5°; USCGS: 52.2°N, 172.6°W, H=16h10m56.9s, h=41 km; M=6½/Pasadena/
✓		eP_N	42					
		ePP_Z	23 33					
		eS_E	32 23					
		eS_N	24					
		$eSKS_Z$	44					
		ei_E	33 18					
		eL_N	37.5					
		eL_E	42					
		M_{NZ}	17 04 38	16;15	6.5		6.5	
		F	59					

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Data	Obserw.	Faza	G. M. T.	Okres T	Amplituda A_N	A_E	A_Z	Uwagi
			h m s	s	μ	μ	μ	
1	Kra.	eiP_N, eP_E	16 22 54					$\triangle=77.5^\circ$
		e_{NE}	23 41					
		e_{NE}	25 22					
		e_{NE}	29 48					
		$eSKS_{NE}$	32 59					
		M_N	59 22	20	2.8			
		M_E	17 04 10	13		0.7		
		M_N	36	16	1.7			
	Rac.	eP_{NEZ}	16 22 55					SD-57; $\triangle=77.5^\circ$
		$ePcP_{NZ}$	23 08					
		$ePcP_E$	12					
		e_Z	24 12					
		$e/PP/_N$	25 43					
		eS_{NZ}	32 52					
		e_N	34 14					
		M_Z	17 06.8	15			2	
		F	31					
2	Kra.	e_{NE}	12 15 56					Ślady
		e_{NE}	16 17					
		e_{NE}	25 18					
		M_N	13 10 13	18	1.2			
	War.	E	12 17-32					Ślady; skł.N i Z nie rejestrowała
3	War.	NEZ	01 15-27					Ślady; Pakistan
3	War.	e_N	20 13 24					Ślady
		eL_{NE}	49					
		F	59					
4	Rac.	e_E	06 20 09					SK-58
		e_Z	20					
		e_{EZ}	25					
		e_Z	38					
		F	22					

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Data	Obserw.	Faza	G. M. T.	Okres T	Amplituda A_N	A_E	A_Z	Uwagi
			h m s	s	μ	μ	μ	
3	Cho,	i_{NEZ}	03 25 56.6			-		Willmore Górny Śląsk
		M_{NEZ}	26 01	0.6	2.0	1.1	1.1	
		F	27					
	Kra.	e_{NEZ}	03 26 08.6					Chariny; ślady
		e_{NEZ}	18					
		e_{NEZ}	24.6					
6	Cho.	e_Z	11 45 54.3				+	Willmore Górny Śląsk
		e_E	55.3					
		i_Z	46 02.3					
		M_{NEZ}	05	0.8	2.1	0.8	1.0	
		F	25					
	Kra.	e_{NEZ}	11 46 02.4					Chariny
		e_{NEZ}	10.4					
		e_{NEZ}	19.4					
6	War.	eL_{NE}	16 44					Chile, USCGS: 38.3°S, 74.9°W, H=16h16m37.6s h=53 km
		eL_Z	46					
		M_Z	51 26	15			9.5	
		M_E	31	15		7.5		
		M_N	34	15	8			
		F	17 04					
	Kra.	e_{NE}	16 45 04					Δ=121°
		e_{NE}	58					
		M_E	52 10	12		0.9		
		M_N	46	11	0.8			
	Rac.	eL_{NEZ}	16 47					SD-57
		M_Z	53.4	12			1	
		F	17 01					
6	Rac.	eP_{EZ}	20 01 47					SD-57 N Atlantyk, Δ=29.5°; USCGS: 58.2°N, 31.6°W, H=19h55m42.2s, h=63 km
		ePP_{EZ}	02 40					
		e_{EZ}	04 19					

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Data	Obserw.	Faza	G. M. T.	Okres T	Amplituda A_N	A_E	A_Z	Uwagi
			h m s	s	μ	μ	μ	
6	Rac. /d.c./	e_Z	20 10 42					
		M_Z	15.3	12			3.5	
		F	43					
	Kra.	eP_{NE}	20 01 54					$\Delta=30.5^\circ$
		e_{NE}	04 16					
		e_{NE}	06 36					
		e_{NE}	09 25					
		eL_{NE}	11					
		M_N	15 21	13.5	5,7			
		M_E	16 22	12.5		2.1		
	War.	e_Z	20 02 27					$\Delta=30^\circ$
		e_N	40					
		eiS_E	06 53					
		eL_N	08					
		eL_{EZ}	09					
		M_N	16 01	14	15			
		M_E	04	13		6.5		
		M_Z	55	12			8.7	
		F	50					
7	Cho.	iN_{EZ}	02 25 56.0		+	+	-	Willmore Górny Śląsk
		F	26 30					
	Kra.	e_{NEZ}	02 26 06.7					Chariny
		ei_{NEZ}	16.2					
		e_{NEZ}	22.2					
	Rac.	e_Z	02 26 21					SD-57
		e_Z	52					
		F	30					
7	War.	eS_E	03 26 47					N Atlantyk /replika?/ Moskwa: $H=03^h15^m34^s$
		eL_N	28					
		eL_E	32					
		M_N	36 08	15	5			
		F	51					

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X - 1960

Data	Obserw.	Faza	G. M. T.	Okres T	Amplituda A_N	A_E	A_Z	Uwagi
			h m s	s	μ	μ	μ	
7	Rac.	eL_{NEZ}	03 27					SD-57
		M_Z	35.2	14			1.5	
		F	44					
	Kra.	eL_{NE}	03 31					
		M_N	35 12	13	1.4			
		M_E	36 25	12.5		0.8		
7	Cho.	i_{NEZ}	05 01 26.6		-	+	+	Górny Śląsk
		i_{EZ}	28.4					
		M_{NE}	30	1.0	21	17.5		
		M_Z	32	1.1			6.8	
		F	02 15					
	Rac.	ePg_{NEZ}	05 01 37.6					SK-58 △=60 km /Rac./
		e_N	40.0					
		e_{EZ}	42.8					
		$e/Sg/_{NE}$	45.2					
		e_{NEZ}	52.0					
		e_{NE}	02 03.6					
		e_Z	06.1					
		i_E	08.8					
		e_Z	10.5					
		e_{NE}	19.8					
		M_{EZ}	33	1.5;1		0.7	0.4	
		F	05					
	Kra.	eiP_{NEZ}	05 01 37					Chariny
		e_{NEZ}	43					
		ei_{NEZ}	46					
7	War.	eP_E	15 32 53					M.Banda, △=108°; USCGS: 7.4°S, 130.7°E, H=15h18m30.8s, h=45 km; M=6½-6¾ /Berkeley/ Skł. N nie rejestrowała
		eP_Z	54					
		ei_Z	33 12					
		e_Z	36 23					
		e_E	28					

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X - 1960

Data	Obserw.	Faza	G. M. T.	Okres T	Amplituda A_N	A_E	A_Z	Uwagi
			h m s	s	μ	μ	μ	
7	War. /d.c./	iPP_Z	15 37 24					
		ePP_E	27					
		$ePPP_Z$	39 35					
		$iSKS_{AE}$	43 26					
		$eiSKKS_E$	44 22					
		ei_E	56					
		ei_Z	46 29					
		i_E	36					
		$ePPS_E$	47 43					
		e_Z	48 16					
		eL_E	52					
		eL_Z	57					
		M_Z	16 22 52	25			34	
		M_E	23 02	28		48		
		F	18 02					
	Kra.	eP_{NE}	15 32 58					$\triangle=109^\circ$
		e_{NE}	33 40					
		e_{NE}	36 20					
		$ePP_N, eiPP_E$	37 30	ca 4		-		
		$e/SKS/_{NE}$	43 29					
		eL_N	56					
		M_N	16 18 20	30	25			
		M_E	21 57	23		5		
		F	17 56					
	Rac.	eP_{NEZ}	15 33 00					SD-57; $\triangle=110^\circ$
		e_{NZ}	36 23					
		e_E	47					
		$ePKP_{NE}$	37 11					
		ePP_{NE}, iPP_Z	42				-	
		e_Z	39 20					
		M_Z	47.2	9			2.5	
		F	16 48					

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X - 1960

Data	Obserw.	Faza	G. M. T. h	m	s	Okres T s	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
8	War.	eiP_Z	06	03	13	5			-14	M.Japońskie, $\Delta=69^\circ$; USCGS: $40.0^\circ N, 129.7^\circ E$, $H=05^h53^m01.1^s$, h=608 km; M=6½-6¾ /Pasadena/ Skł. N nie rejestrowała
		eP_E			15					
		$eipP_Z$		05	13					
		epP_E			16					
		$ePcP_Z$			40					
		$isPcP_Z$		06	23					
		$isPPP_E$		10	13					
		eS_E, iS_Z		11	26					
		i_E		12	12					
		esS_E		15	07					
		i_Z			17					
		eL_E		19						
		e_Z		20	29					
		eL_Z		23						
		M_E		34	16	14		32		
		M_Z			37	12			21	
		F	07	53						
	Kra.	eiP_{NE}	06	03	25	ca 2.5	-	-		$\Delta=71^\circ$
		ei_{NE}		05	29	4.5		-		
		$eiPP_{NE}$		06	12	4;3.5	+	+		
		ei_{NE}			41					
		iS_{NE}		11	53	5.5;6.5	-	+		
		Sm_N			59	5.5	5.1			
		Sm_E		12	02	6.5		5.7		
		M_N		33	44	12	5.9			
		M_E			57	9		2.6		
	Cho.	eP_Z	06	03	26					$\Delta=71.2^\circ$
		iP_{NZ}, eP_E			30					
		$ePcP_Z$			43					
		e_N		04	41					
		e_{NZ}			37					
		e_Z		06	22					
		e_N			29					

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Data	Obserw.	Faza	G. M. T.	Okres T	Amplituda A_N	A_E	A_Z	Uwagi
			h m s	s	μ	μ	μ	
8	Cho. /d.c./	e_E	06 06 35					
		e_E	07 14					
		iS_E	11 55					
		eS_N	56					
		$eScS_{NE}$	12 31					
		M_{NE}	21.7	18	18	18		
		M_N	34.5	10	9			
		F	07 06					
	Rac.	eP_Z	06 03 30					SD-57; $\triangle=72^o$
		eP_{NE}	32					
		i_{NEZ}	33					
		i_N	04 06					
		i_E, e_Z	17					
		i_Z	38					
		ei_N	05 11					
		epP_Z	33					
		i_E	06 26					
		eiS_{NEZ}	12 04	5	15	10	3	
		ei_N	13 08					
		M_{NZ}	36.7	10	5		5	
		M_N	37.4	18	6			
		M_{NZ}	39.4	10	6		2	
		F	07 25					
8	Rac.	e_Z	06 46 03					SK-58
		e_Z	37					
		F	50					
8	War.	eP_E	20 51 28					Rejon Nikobarów, $\triangle=73^o$; Moskwa: $7\frac{1}{2}^oN, 93^oE$, $H=20^h40^m00^s$
		eP_Z	29					
		$ePPP_Z$	56 03					
		$ePPP_E$	05					
		e_E	58 30					
		eS_N	21 01 04					
		$eSSS_N$	09 07					

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Data	Obserw.	Faza	G. M. T. h	m	s	Okres T s	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
8	War. /d.c./	eL_N	21	20						
		eL_E		22						
		eL_Z		25						
		M_N		29	10	17				
		M_E			35	17				
		F	22	20						
	Kra.	eP_{NE}	20	51	33					$\triangle$=73.5°
		e_{NE}		59	26					
		eS_{NE}	21	00	59					
		eL_N		21						
		M_E		28	51	15		0.6		
		M_N			58	18	1.5			
	Rac.	eP_{NEZ}	20	51	37					SD-57; $\triangle$=74.5°
		$ePcP_{NZ}$		52	05					
		F	21	15						
9	War.	iP_Z	09	12	05	4			-9	Hondo, Japonia, $\triangle$=73.3°; USCGS: 40.8°N, 141.2°E, H=09h00m42.0s h=155 km; M=6¼ /Pasadena/ Skł. N nie rejestrowała
		eP_E			06					
		$eisP_Z$			33					
		e_E		13	04					
		e_Z		14	19					
		$ePPP_E$		17	06					
		$ePPPP_Z$			49					
		iS_E		21	27					
		eiS_Z			28					
		iPS_E		22	07					
		i_E		25	42					
		eL_E		30						
		eL_Z		31						
		M_E		43	33	12		10.7		
		M_Z		47	54	13			8.3	
		F	10	33						

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X - 1960

Data	Obserw.	Faza	G. M. T.	Okres T	Amplituda A_N	Amplituda A_E	Amplituda A_Z	U w a g i
			h m s	s	μ	μ	μ	
9	Kra.	eiP_{NE}	09 12 17	ca 3	-	-		$\triangle$=75.5°
		$ePcP_{NE}$	31					
		e_{NE}	14 50					
		$ePPP_{NE}$	16 52					
		eiS_{NE}	21 51	6.5;5.5	-	+		
		eSS_{NE}	26 27					
		M_N	45 05	12	3.9			
		M_E	11	13		3.0		
	Rac.	eP_{NE}, iP_Z	09 12 21				+	SD-57; $\triangle$=76°
		$ePcP_{EZ}$	37					
		epP_N	53					
		e_{NZ}	13 17					
		ePP_Z	15 10					
		ePP_{NE}	20					
		e_{NZ}	17 22					
		e_N	18 18					
		$e/S/_{NEZ}$	21 59	4	8	5	2	
		$iSKS_E$, $eSKS_Z$	22 13					
		esS_Z	25					
		e_{NEZ}	24 26					
		eSS_{EZ}	26 38					
		M_N	42.4	10	3			
		M_{NZ}	53.5	10	2		1	
		F	10 12					
9	Kra.	e_{NE}, ei_Z	10 09 12					Chariny
		i_{NZ}	15					
		e_{NZ}	27					
	Rac.	e_{NEZ}	10 10 02					SK-58
		e_{NE}, i_Z	45	1			0.5	
		e_{NEZ}	11 04					
		F	13					

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X - 1960

Data	Obserw.	Faza	G. M. T.	Okres T	Amplituda A_N	A_E	A_Z	Uwagi
			h m s	s	μ	μ	μ	
10	Cho.	e_{NEZ}	13 17 19.9				/-/	Górny Śląsk
		ei_Z	22.2					
		e_Z	26.0					
		M_Z	27	1.0			0.7	
		F	45					
	Kra.	e_{NEZ}	13 17 31					Chariny
		e_{NEZ}	35					
		e_{NEZ}	42					
12	War.	E	10 46-53					Ślady
13	Kra.	iPn_{NE}	02 22 55	ca 3	+	+	-	Rumunia, Δ=6.7°; USCGS: 45.2°N, 25.8°E, H=02h21m12.7s h=63 km
		iP^*_{NE}	23 05					
		$eiPg_{NE}$	32					
		$eiSn_{NE}$	24 09					
		M_{NE}	25 51	ca 6;5.5	1.3	1.5		
	Cho.	ePn_N	02 23 02					Δ=6.8°
		eP^*_E	08					
		ePg_N	27					
		eS^*_N	24 33					
		eS^*_E	35					
		e_N	25 11					
		e_E	27					
		e_N	37					
		F	30					
	Rac.	iPn_{NEZ}	02 23 06			+	-	+ SD-57; Δ=7.2°
		iP^*_{NE}, eP^*_Z	17.5					
		ePg_{NEZ}	37					
		e_{NE}, i_Z	57					
		eSn_N	24 26					
		ei_E	41					
		eS^*_Z	49					
		e_{EZ}	25 03					

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X - 1960

Data	Obserw.	Faza	G. M. T. h	m	s	Okres T s	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
13	Rac. /d.c./	eSg_N	02	25	12					
		e_Z			30					
		e_Z		26	13					
		i_E			26					
		M_{NEZ}		26	.4	3	6	3	2	
		M_{EZ}		26	.8	3		6	2	
		F		39						
	War.	ePn_E	02	23	10					$\triangle=7.8^\circ$
		iPn_Z			12				-4	
		$eiPn_N$			14					
		eP^*_N			23					
		ePg_E			/59/					
		e_N		24	09					
		ei_Z			10					
		e_E			33					
		iSn_N			37					
		e_Z			46					
		iS^*_N		25	15					
		eS^*_Z			17					
		F		40						
13	War.	eP_Z	15	03	35				+	Kamczatka, $\triangle=68^\circ$;
		eiP_N, eP_E, iP_Z			39				+	USCGS: 54.8°N, 161.2°E,
		$ePcP_N$			/59/					$H=14^h52^m34.7^s$
		$ePcP_Z$		04	04					h=35 km
		ePP_Z		06	13					M=6¾ /Pasadena/
		e_Z		07	24					
		$ePPP_N$			45					
		$ePPP_Z$			49					
		e_E			/59/					
		eS_E		12	38					
		iS_{NZ}			40					
		$ePPS_E$		13	20					
		$i/PPS/_N$			23					
		$eScS_Z$			27					

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Data	Obserw.	Faza	G. M. T.	Okres T	Amplituda A_N	A_E	A_Z	U w a g i
			h m s	s	μ	μ	μ	
13	War. /d.c./	eL_{NEZ}	15 20					
		M_Z	37 10	16			19	
		M_E	40 36	13		11		
		M_N	45	15	26			
		F	17 05					
	Cho.	eP_{NE}	15 03 48					Δ=70.2°
		e_N	04 00					
		$ePcP_N$	17					
		e_N	56					
		eS_N	13 04					
		eS_E	09					
		ePS_N	20					
		ePS_E	24					
		e_E	14 08					
		M_{NE}	33.3	18	35	35		
		F	16 12					
	Kra.	eiP_{NE}	15 03 53					Δ=70°
		$ePcP_N$, $eiPcP_E$	04 07					
		e_{NE}	47					
		e_{NE}	06 17					
		e_{NE}	08 35					
		eiS_{NE}	13 06					
		$eScS_N$, $eiScS_E$	55					
		M_E	38 39	ca 14		7.7		
		M_N	39 41	13	5.8			
		F	17 00					
	Rac.	eP_{NZ}	15 03 53					SD-57; Δ=70.5°
		eP_E	56					
		$e/PcP/_{NE}$	04 26					
		i_{NE}, e_Z	05 28					
		e_E	06 17					
		$ePPP_{NZ}$	08 17					

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Data	Obserw.	Faza	G. M. T. h m s	Okres T s	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
13	Rac. /d.c./	e_{NEZ}	15 09 15					
		e_{NEZ}	43					
		iS_{NEZ}	13 15					
		e_{NZ}, i_E	14 10					
		eL_{NEZ}	23					
		M_Z	34.5	24			14	
		M_Z	41.9	13			6	
		F	16 31					
13	Rac.	i_{NZ}	17 34 19					SK-58
		F	34					
14	Cho.	e_{EZ}	05 56 34.3				-	Górny Śląsk
		i_{NZ}	36.0					
		M_Z	38	1.2			1.2	
		F	57 00					
	Rac.	e_N	05 56 44					SK-58
		e_{EZ}	46					
		e_{NE}	49					
		e_E	54					
		e_Z	57 21					
		F	59					
14	War.	eL_N	18 54					Ślady
		eL_E	56					
		F	19 19					
14	War.	iP_Z	21 30 56					Aleuty, $\Delta=75^o$; USCGS: 51.7^oN, 172.1^oW, $H=21^h19^m11.4^s$, $h=50$ km
		eP_N	59					
		$ePcP_Z$	31 06					
		ePP_Z	33 36					
		$ePPP_E$	35 34					
		$ePPP_Z$	38					
		e_Z	36 55					
		e_N	37 17					

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Data	Obserw.	Faza	G. M. T. h	m	s	Okres T s	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
14	War. /d.c./	iS_N	21	40	34					
		eS_E			36					
	✓	$e/SKS/_Z$			53					
		e_E		42	35					
		eL_N		45						
		eL_{EZ}		49						
		M_N	22	06	56	18				
		M_E		11	08	17				
		M_Z			37	16				
		M_N			44	17				
		F								w następnym
	Kra.	eiP_N, eP_e	21	31	10	ca 4	+			$\triangle$=78°
		$ePcP_{NE}$			31					
	✓	e_{NE}		37	15					
		eS_{NE}		40	57	7	-	-		
		ePS_{NE}		41	43					
		M_E	22	12	24	15		4.6		
		M_N		13	06	16	4.6			
	Rac.	eP_Z	21	31	10					SD-57; $\triangle$=78°
		iP_{NZ}, eP_Z			11.5					
	✓	e_{NE}			37					
		e_Z		32	07					
		e_N			24					
		e_E			31					
		e_Z		34	04					
		ePP_N			16					
		eS_{NZ}		41	01					
		e_N		42	23					
		eL_{NEZ}		50						
		M_Z	22	03.5		24			18	
		M_{NZ}		08,6		18	10		14	
		M_{NZ}		18.3			5		13	
		F		59						

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Data	Obserw.	Faza	G. M. T. h m s	Okres T s	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
14	Rac.	eP_Z	23 02 05					SD-57
		e_Z	57					N.Atlantyk, △=32°;
		M_Z	16.3	14			6	USCGS: 55.5°N, 35.2°W,
		F	34					H=22h55m41.7s
								h=40 km
	War.	iP_Z	23 02 12					△=32.3°
		eiP_N	14					
		eP_E	15					
		$eiPP_Z$	03 26					
		$ePPP_N$	35					
		eS_Z	07 35					
		eL_E	10					
		eL_{NZ}	11					
		M_N	17 46	14				
		M_Z	18 47	13				
		M_E	19 11	13				
		F	54					
	Kra.	eiP_{NEZ}	23 02 16					Chariny, △=32.7°;
		e_{NEZ}	32					
		M_N	14 36	16	1.3			
		M_E	17 12	13		1.7		
15	War.	eL_{NEZ}	02 11					N Atlantyk
		F	31					
	Kra.	eL_{NE}	02 12					Ślady
		M_E	15 26	14		0.8		
	Rac.	eL_Z	02 14					SD-57
		F	21					
16	Cho.	e_E	07 31 11.6					Willmore
		e_{NZ}	12.1					Górny Śląsk
		M_{NZ}	17	0.8	3.2		2.4	
		F	44					

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Data	Obserw.	Faza	G. M. T.	Okres T	Amplituda A_N	A_E	A_Z	Uwagi
			h m s	s	μ	μ	μ	
16	Kra.	eiP_{NEZ}	07 31 32					Chariny
		e_{NEZ}	36.5					
		e_{NEZ}	41.5					
16	War.	eL_E	09 52					Ślady
		eL_Z	54					Skł. N nie rejestrowała
		F	59					
16	Cho.	i_E	10 13 08.2			-		Górny Śląsk
		i_N	08.8		-			
		i_Z	09.1					
		M_E	10	1.1		29		
		i_Z	11.2					
		M_N	12	1.1	42			
		M_Z	16	1.1			6.8	
		F	44					
	Rac.	e_{NEZ}	10 14 19.3					SK-58
		e_{NEZ}	26.9					
		e_{NEZ}	38					
		e_{NEZ}	41.6					
		e_Z	15 02.9					
		e_{NE}	05.6					
		M_{NE}	16	4	1.2		3.5	
		e_E	49					
		F	18					
	Kra.	iP_Z	10 14 22.1					Chariny
		iP_{NE}	22.6					
		ei_{NEZ}	29.5					
		ei_{NEZ}	31.5					
		ei_{NEZ}	39.5					
		ei_{NEZ}	15 00.5					

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Data	Obserw.	Faza	G. M. T.	Okres T	Amplituda A_N	A_E	A_Z	Uwagi
			h m s	s	μ	μ	μ	
16	Kra.	iP_{NEZ}	11 54 44					Chariny
		e_{NEZ}	56.5					
		e_{NEZ}	55 01.5					
17	Rac.	e_E	14 03 38					SK-58
		e_{NZ}	47					
		e_Z	54					
		e_N	04 01					
		e_Z	16					
		F	05					
18	Kra.	eiP_{NEZ}	14 26 08					Chariny
		ei_{NEZ}	21					
20	War.	$ePKP_Z$	11 25 08				-	Ślady;rejon Wysp Santa Cruz, $\triangle$=129.5°;USCGS: 11°S,164.9°E, H=11h05m58.3s, h=40 km
		e_Z	27 14					
		ePP_Z	19					
		e_N	28 04					
		e_{NE}	32					
		e_Z	37					
	Kra.	ePP_{NE}	11 27 33					Ślady, $\triangle$=131.5°
		e_{NE}	56					
		e_{NE}	29 01					
		M_N	12 59 23	16	0.5			
22	Rac.	e_{EZ}	08 41 04					SK-58
		e_Z	44 18					
		e_E	45					
		e_E	45 23					
		F	47					
	War.	e_Z	08 42 57				+	W-y Salomona; Moskwa: H=08h21m58s, $\triangle$=128.5° /War./
		$eiPP_Z$	43 14					
		$ePKS_E$	44 37					
		e_Z	45 31					

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X - 1960

Data	Obserw.	Faza	G. M. T.	Okres T	Amplituda A_N	Amplituda A_E	Amplituda A_Z	Uwagi
			h m s	s	μ	μ	μ	
22	War. /d.c./	$eScS_N$	08 52 28					
		ePS_E	53 11					
		e_Z	54 38					
		e_E	56 45					
		e_N	59 52					
		eSS_N	09 00 38					
		$eSSP_N$	52					
		eL_{NE}	25					
		eL_Z	27					
		F	10 00					
	Kra.	e_{NE}	08 43 16					
		e_{NE}	24					
		e_{NE}	44 17					
		e_{NE}	09 00 01					
		e_{NE}	30					
		eL_N	28.5					
		M_N	35 20	23	5.7			
		M_E	36 56	23		4.3		
22	Kra.	eiP_N, eP_E	19 18 55	ca 2	-			
		ei_N, e_E	59					
		i_{NE}	19 22					
		e_N, i_E	49					
		M_E	20 36	3.5		5.9		
		M_N	40	ca 3.5	1.8			
	Cho.	e_Z	19 19 01					Skł. N nie rejestrowała
		e_Z	24					
		e_E	41					
		e_E	53					
		e_E	20 22					
		e_E	35					
		F	46					

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X - 1960

Data	Obserw.	Faza	G. M. T.	Okres T	Amplituda A_N	A_E	A_Z	Uwagi
			h m s	s	μ	μ	μ	
22	Rac.	e_Z	19 19 01					Jugosławia
		e_Z	11					
		e_E	20					
		e_Z	28					
		e_N	32					
		e_{NZ}	44					
		e_E	49					
		e_N	20 03					
		ei_E	09					
		ei_E	26					
		ei_N, i_E	35					
		i_N	40					
		i_N	46					
		i_E	57					
		ei_N	21 04					
		M_{NE}	21.4	2;4	2.1	1.4		
		i_N	33					
		i_E	34					
		i_N	39					
		M_E	21.8	2		1.4		
		e_N, ei_E	22 15					
		i_E	34					
		ei_E	46					
		i_N	49					
		ei_N	23 08					
		e_N	23					
	War.	e_Z	19 21 18				-	
		ei_E	21					
		e_N	25					
		i_Z	43					
		e_N, i_E	48					
		i_Z	50				+	
		e_Z	22 14					

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X - 1960

Data	Obserw.	Faza	G. M. T.	Okres T	Amplituda A_N	A_E	A_Z	Uwagi
			h m s	s	μ	μ	μ	
22	War. /d.c./	i_E	19 22 40					
		i_E	50					
		e_Z	52					
		i_N	23 14					
		ei_E	50					
		e_Z	24 11					
		F	39					
22	Kra.	e_{NE}	23 57 24					Chariny; ślady
		e_{NEZ}	25.5					
		e_{NEZ}	36.5					
		e_{NEZ}	59.5					
23	Cho.	i_{NEZ}	00 53 09					Willmore Górny Śląsk
		M_{NEZ}	18	o.4	2.0	1.4	1	
		F	39					
	Rac.	e_{NE}	00 53 16					SK-58
		e_N	18					
		e_E	23					
		e_N	28					
		e_E	38					
		F	55					
	Kra.	e_{NEZ}	00 53 18.2					Chariny
		e_{NEZ}	28.2					
		e_{NE}	37.7					
		e_{NE}	40.7					
24	Kra.	eiP_{NE}, iP_Z	15 47 09.5					Chariny
		e_{NE}	32					Golicyn-Wilip
		e_{NE}	37					
		e_{NE}	48 03					
		e_{NE}	26					
		M_E	49	ca 4		0.9		
		M_N	50	ca 4	0.4			

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X - 1960

Data	Obserw.	Faza	G. M. T.	Okres T	Amplituda A_N	A_E	A_Z	Uwagi
			h m s	s	μ	μ	μ	
24	Rac.	e_Z	15 47 16					SD-57
		e_{NZ}	47					
		i_{NE}, e_Z	48 51					
		i_{NE}	49 16					
		e_{NEZ}	49					
		F	55					
	War.	NEZ	15 50-57					Ślady
24	War.	eL_E	18 16					Ślady
		eL_{NZ}	18					
		F	26					
25	Cho.	e_{NE}	08 44 40					Willmore Górny Śląsk Skł. Z nie-czytelna
		e_N	54					
		i_N	55					
		M_N	57	1.2	2.3			
		F	45 25					
	Kra.	eiP_{NEZ}	08 44 45.5					Chariny
		ei_{NEZ}	52.5					
		ei_{NEZ}	45 59.5					
26	Rac.	e_{NEZ}	12 33 55					SK-58
		e_Z	34 05					
		e_{EZ}	07					
		e_Z	25					
		F	36					
26	Kra.	e_{NE}	22 57 56					
		M_E	23 01 55	ca 7		0.2		
	War.	NE	23 00-10					Ślady
27	Rac.	Z	11 03-06					SK-58; ślady

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X - 1960

Data	Obserw.	Faza	G. M. T.	Okres T	Amplituda A_N	A_E	A_Z	Uwagi
			h m s	s	μ	μ	μ	
27	War.	eL_N	12 55					Ślady
		eL_E	58					
		eL_Z	59					
		F	13 05					
27	Kra.	e_{NE}	12 51 07					
		e_{NE}	55 33					
		eL_E	13 00					
		M_E	56	ca 15		0.8		
27	War.	eP_Z	15 44 30					M.Grenlandzkie Moskwa: $H=15^h39^m22^s$ $\Delta=23.5^o$ /War./
		eiP_N, iP_Z	34					
		ei_E	48 36					
		iS_N	43					
		eS_Z	46					
		e_N	56					
		e_E	49 01					
		eL_{NEZ}	51					
		F	16 05					
	Rac.	e_Z	15 44 41					SK-58
		e_{NE}	47					
		e_Z	55					
		e_Z	45 05					
		e_E	16					
		e_N	29					
		F	55					
	Kra.	eP_{NE}	15 44 46					
		ei_{NE}	52					
		e_{NE}	49 14					
		eL_{NE}	53					
		M_E	54 21	16		1.6		
		M_N	24	16	1.2			
		M_N	56 22	15	1.5			

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X - 1960

Data	Obserw.	Faza	G. M. T.	Okres T	Amplituda A_N	A_E	A_Z	Uwagi
			h m s	s	μ	μ	μ	
27	Cho.	i_Z	16 50 57				-	Willmore Górny Śląsk
		e_N	58		+			
		M_{NZ}	51 01	0.4	0.9		0.6	
		F	33					
	Kra.	ei_{NEZ}	16 51 19					Chariny
		ei_{NEZ}	26					
	Rac.	Z	16 51-54					SK-58; ślady
27	Cho.	ei_N	21 34 14		-			Willmore Górny Śląsk
		M_N	24	1	1.9			Skł. E i Z nie-
		F	35 06					czytelne
	Kra.	e_{NEZ}	21 34 22.2					Chariny
		e_{NEZ}	29.7					
		e_{NEZ}	36.7					
		e_{NEZ}	54.2					
	Rac.	e_Z	21 34 28.4					SK-58
		e_E	30.7					
		e_{NEZ}	38.1					
		e_Z	46.7					
		e_N	55.3					
		e_{NEZ}	35 05.6					
		M_Z	18	1.8			1.2	
		e_Z	50					
		F	37					
27	Kra.	eiP_{NEZ}	22 47 00					Chariny
		ei_{NZ}, e_E	05					
		e_{NEZ}	16.5					
		e_{NEZ}	55.5					
	Rac.	i_Z	22 47 02	1.3			0.9	SK-58
		e_N	03					
		i_E	03.6					

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X - 1960

Data	Obserw.	Faza	G. M. T. h	m	s	Okres T s	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
27	Rac. /d.c./	i_E, e_Z	22	47	06.5					
		e_N			17					
		e_N			34					
		e_Z			44					
		e_Z		48	41					
		F		53						
28	Rac.	e_Z	02	49	28					SK-58
		e_Z			32					
		F		51						
28	War.	iP_N, iP_Z	04	23	52		-		+	M.Grenlandzkie; $\Delta=23.5^\circ$; Moskwa: $70^\circ N, 13^\circ W$, $H=04^h18^m42^s$, $M=5\frac{3}{4}$
		eP_E			54					
		ei_Z		24	11					
		e_E			14					
		e_N			19					
		ePP_N			26					
		$ePPP_Z$			35					
		e_Z		25	13					
		e_E			30					
		iS_E, eS_Z		28	04					
		eL_{NE}		30						
		eL_Z		31						
		M_E		32	23	15		42		
		M_N			27	15	18			
		M_Z		33	44	15			15	
		F	05	35						
	Rac.	eiP_{NZ}, eP_E	04	24	03	4	13	6	4	SD-57; $\Delta=25^\circ$
		i_{NZ}			12					
		i_E			16					
		ei_N, i_Z			22					
		ePP_Z			43					
		$ePPP_E$			59					
		e_E		25	14					
		ei_N			28					

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X - 1960

Data	Obserw.	Faza	G. M. T. h	m	s	Okres T s	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
28	Rac. /d.c./	e_Z	04	25	33					
		e_Z		26	20					
		e_E			38					
		e_{NZ}		27	18					
		eiS_{NZ}, iS_E		28	30					
		e_Z			50					
		eSS_E		29	36					
		$eSSS_{EZ}$			46					
		e_Z		30	18					
		$iPcS_N, ePcS_{EZ}$		31	24					
		eL_{NEZ}		33						
		F	05	05						
	Kra.	ei_{NE}	04	24	09	ca 4	+	-		$\Delta=25^\circ$
		i_{NE}			14					
		ei_{NE}		25	07					
		ei_{NE}		28	29					
		M_E		33	46	15.5		13		
		M_N			48	ca 16	10			
		M_N		35	48	15	13			
28	War.	eP_Z	07	51	44					M.Grenlandzkie, $\Delta=23.5^\circ$; Moskwa: $H=07^h46^m36^s$
		eS_E		55	54					
		eiS_N		56	01					
		e_Z			11					
		eL_{NE}		59						
		eL_Z	08	00						
		F		28						
	Rac.	eP_{NZ}	07	51	59					SD-57; $\Delta=25^\circ$
		e_E		52	11					
		e_N			30					
		ePP_Z			37					
		e_E		53	26					
		$ePcP_Z$		55	35					
		eS_{NZ}		56	30					
		eL_Z	08	01						
		F		25						

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X - 1960

Data	Obserw.	Faza	G. M. T.	Okres T	Amplituda A_N	Amplituda A_E	Amplituda A_Z	Uwagi
			h m s	s	μ	μ	μ	
28	Kra.	eiP_{NZ}	07 52 02					Chariny; △=25°
	✓	ei_{NEZ}	04					
		e_{NEZ}	16					
		e_{NEZ}	25					
28	War.	iP_Z	13 29 18				-	Kamczatka, △=69°; Moskwa: 52½°N, 157½°E, H=$13^h18^m22^s$, h=120 km
	✓	iP_{NE}	19			+ +		
		e_N	28					
		$ePcP_Z$	40					
		esP_Z	53					
		e_Z	30 12					
		i_E	20					
		iPP_Z	31 47					
		i_Z	32 18					
		$ePPP_N$	33 36					
		$iPPP_Z$	42					
		e_Z	34 11					
		e_N	37 51					
		iS_E	38 14					
		eSP_Z	32					
		$iScS_N$	39 04					
		$ePPS_E$	09					
		$ePPS_N$	17					
		e_Z	41 01					
		e_E	22					
		eL_{NE}	46					
		eL_Z	47					
		M_E	55 16	8		9.5		
		M_N	20	10	11.5			
		M_Z	14 06 59	13			6.6	
		F	15 15					
	Cho.	eP_{NEZ}	13 29 31			+		△=71.4°
	✓	$ePcP_N$	49					
		epP_E	58					

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X - 1960

Data	Obserw.	Faza	G. M. T. h m s	Okres T s	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
28	Cho. /d.c./	e_E	13 30 57					
		e_N	31 50					
		e_E	32 01					
		ePP_N	13					
		$epPP_N$	42					
		e_N	34 57					
		eS_E	39 09					
		ePS_N	17					
		eL_E	44					
		F	14 20					
	Kra.	eiP_{NE}	13 29 32	4	-	-		$\triangle$=71.2°
		epP_{NE}	30 05					
		$esPcP_{NE}$	37					
		ePP_{NE}	32 22					
		e_N, ei_E	38 44					
		M_E	56 06	8		2.2		
	Rac.	iP_{NEZ}	13 29 35		+	+	-	SD-57; $\triangle$=71.5°
		$iPcP_{NZ}$	45					
		$epPcP_{NZ}$	30 14					
		$eisPcP_N, esPcP_{EZ}$	29					
		e_{NZ}	31 28					
		i_E	38					
		ePP_{EZ}	32 17					
		$ipPP_E$	40					
		$eisPPP_N, esPPP_Z$	34 29					
		e_Z	35 28					
		ePS_{NZ}	39 14					
		eL_Z	44					
		M_{NZ}	53.4	10	2		2	
		M_{NZ}	56.8	8	3		2	
		M_N	58.9	8	4			
		F	14 48					

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X - 1960

Data	Obserw.	Faza	G. M. T. h	m	s	Okres T s	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
28	War.	eiP_Z	22	41	27					Japonia, $\triangle = 77.5^\circ$; Moskwa: $35^\circ N, 140^\circ E$, $H = 22^h 29^m 32^s$, h=6
		eP_E			29					
		eP_N			31					
		$ePcP_Z$			39					
		e_E		46	36					
		eS_E		51	13					
		eS_N			20					
		$ePPS_Z$		52	11					
		e_N		54	00					
		eSS_N		56	16					
		e_E			45					
		e_Z			48					
		eL_{NE}	23	08						
		eL_Z		13						
		M_N		16	45	15	10			
		M_E			53	16		12		
		M_Z		20	43	15			5	
		F	24	02						
	Kra.	$e/P/_{NE}$	22	41	35					$\triangle = 79.5^\circ$
		$ePcP_{NE}$			55					
		ePP_{NE}		44	51					
		eiS_{NE}		51	44					
		eL_{NE}	23	11						
		M_E		15	13	17		2.4		
		M_N			24	17	2.7			
	Rac.	eP_Z	22	41	43					SD-57; $\triangle = 80.5^\circ$
		$ePcP_{NZ}$			55					
		e_Z		44	29					
		eS_Z		51	54					
		$eScS_Z$		52	16					
		M_Z	23	21.5		16			3	
		M_Z		30.6		13			2	
		F		46						

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X - 1960

Data	Obserw.	Faza	G. M. T.	Okres T	Amplituda A_N	A_E	A_Z	Uwagi
			h m s	s	μ	μ	μ	
28	Cho.	eL_{NE}	23 13 30					
		F	35					
29	Rac.	e_{NZ}	00 10 49					SK-58
		e_{NZ}	11 07					
		e_Z	33					
		e_N	12 04					
		e_N	38					
		e_Z	48					
		e_{NZ}	13 06					
		e_{NZ}	17					
		e_N	46					
		e_Z	14 02					
		ei_N	13					
		e_N	29					
		F	23					
	Kra.	e_{NE}	00 10 56					
		e_{NE}	11 28					
		e_{NE}	57					
		e_{NE}	12 51					
		M_N	15 01	ca 7	0.8			
		M_E	25	6		0.6		
	Cho.	e_E	00 13 02					
		e_N	10					
		e_E	15					
		F	20					
	War.	e_Z	00 13 46					
		e_Z	51					
		e_N	54					
		e_E	59					
		e_N	14 25					
		e_Z	27					

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X - 1960

Data	Obserw.	Faza	G. M. T.	Okres T	Amplituda A_N	A_E	A_Z	Uwagi
			h m s	s	μ	μ	μ	
29	War. /d.c./	e_{NZ}	00 14 41					
		e_E	42					
		e_N	16 01					
		e_E	30					
		e_Z	53					
		F	27					
29	War.	eL_E	01 52					Ślady Pakistan
		eL_{NZ}	53					
		F	02 05					
29	War.	eL_{EZ}	04 52					Ślady
		eL_N	53					
		F	05 01					
29	Rac.	e_Z	09 57 10					SD-57
		e_E	32					
		e_{NZ}	55					
		e_{NE}	58 32					
		F	10 00					
29	War.	NEZ	13 43-59					Ślady
29	War.	NEZ	20 55-21 01					Ślady
30	Rac.	NEZ	00 17-01 34					SD-57
30	War.	eL_{NE}	08 39					Ślady
		eL_Z	49					
		F	09 10					
30	Rac.	e_Z	10 58 47					SK-58; ślady
		e_Z	59 41					
		F	11 01					
30	Kra.	e_{NE}	12 32 55					
		e_{NE}	33 23					

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X - 1960

Data	Obserw.	Faza	G. M. T.	Okres T	Amplituda A_N	A_E	A_Z	Uwagi
			h m s	s	μ	μ	μ	
30	Kra. /d.c./	e_{NE}	12 39 35					
		e_{NE}	42 45					
		M_E	13 21 52	17		1.5		
		M_E	28 16	16		1.4		
		M_N	52	16	1.2			
	War.	e_Z	12 33 31					Skł. N i E nie-rejestrowały
		e_Z	36 29					
		e_Z	42 52					
30	Rac.	e_Z	21 50 19					SK-58; ślady
		e_Z	51 15					
		F	22 04					
	Kra.	e_{NE}	21 51 20					
		e_{NE}	47					
		e_{NE}	57 32					
		e_{NE}	58 19					
	War.	e_E	22 01 15					
		e_Z	24					
		e_N	59					
		e_Z	02 41					
		e_E	04 46					
		e_N	06 17					
		e_Z	36					
		eL_{NE}	09					
		eL_Z	10					
		F	17					

Z.Gryglewicz

H.Skoczek

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Wypis HJS

RACIBÓRZ /Rac. φ=50°05'N, λ=18°11'39"E, h=209 m/

Mainka	N	E	Z
M	1050 kg	1050 kg	750 kg
T_1	6,22 sek.	6,32 sek.	2,11 sek.
D_1	0,20	0,21	0,084
V_o	155	151	173
R	30 mm/min.	30 mm/min.	30 mm/min.

Sejsmografy elektrodynamiczne SK-58

	N	E	Z
T_1	2.10 sek.	2.10 sek.	2.10 sek.
T_2	0.45 sek.	0.45 sek.	0.53 sek.
D_1	0.70	0.70	0.70
D_2	3.00	3.00	3.00
σ^2	0.0091	0.0086	0.0552
V_o	1500	1500	1500
R	60 mm/min.	60 mm/min.	60 mm/min.

CHORZÓW /Cho. φ=50°17'33"N, λ=18°59'30"E, h=316 m/

Sejsmografy elektrodynamiczne SK-58

	N	E	Z
T_1	1.80 sek.	1.80 sek.	1.80 sek.
T_2	0.46 sek.	0.42 sek.	0.35 sek.
D_1	0.60	0.60	0.60
D_2	3.0	3.0	3.0
σ^2	0.00965	0.00415	0.01032
V_o	1000	1000	1000
R	60 mm/min.	60 mm/min.	60 mm/min.

Stałe:

M - masa sejsmografu
T_1 - okres sejsmografu
T_2 - okres galwanometru
D_1 - stała tłumienia sejsmografu
D_2 - stała tłumienia galwanometru
σ^2 - współczynnik zależności sejsmografu od galwanometru
V_o - powiększenie statyczne
R - prędkość rejestracji

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Data	Obserw.	Faza	G. M. T. h	m	s	Okres T s	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
1	Cho.	e_E,ei_Z	05	59	07.1				-	SK-58 Górny Śląsk Skł. N nie rejestrowała
		i_Z			07.5					
		i_{EZ}			08.6					
		i_Z			09.6					
		M_{EZ}			13	1.0		1.5	1.5	
		F			52					
	Kra.	e_{NEZ}	05	59	19.5					Chariny
		ei_N,e_{EZ}			29					
		e_{NEZ}			32					
		e_{NEZ}			42.5					
	Rac.	e_{NEZ}	05	59	25.6					SK-58
		e_{NEZ}			33.9					
		e_{EZ}			42.2	1.5			0.6	
		e_N			51.0					
		e_Z			57.8					
		e_N	06	00	08.8					
		e_Z			17.4					
		M_Z			21	1.8			0.8	
		e_Z			46.6					
		F		02						
1	Rac.	eP_Z	06	26	22					SK-58 Rejon W-y Ascension Δ=67.5°;USCGS: 11.1°S,12.7°W, H=06^{h}15^{m}29.4^s h=35 km; M=5 /Palisades/
		e_N			38					
		$ePcP_Z$			53					
		e_Z		27	14					
		F		32						
	War.	eiP_Z	06	26	40					Δ=69°;
		$ePPP_Z$		30	50					
		eS_N		35	45					
		eS_E			49					
		eL_{NE}		52						
		F	07	10						

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Data	Obserw.	Faza	G. M. T. h	m	s	Okres T s	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
1	Rac.	$ePKP_Z$	09	04	48					SD-57
		e_Z			52					duże mikrosejsmy
		ePP_Z		06	12					Chile, Δ=120.5°;
		e_Z		07	14					USCGS: 38.4°S, 74.4°W,
		$ePPP_Z$		08	48					H=08h46m01.9s,
		eL_{NEZ}			35					h=97 km;
		M_Z			52,4	20			13	M=7¼-7½ /Pasadena/
		M_Z			56,2	20			14	7¼ /Warszawa/
		M_Z	10	03	03,2	16			8	
		M_Z			07,8	15			8	
		F			45					
	War.	$ePKP_Z$	09	04	56					Δ=122°
		ePP_{NZ}		06	29					
		ePP_E			34					
		$ePPP_{NZ}$		08	59					
		e_{NE}		09	24					
		$eSKS_E$		11	39					
		$eSKKS_{NE}$		13	33					
		eSP_E		16	01					
		ePS_Z			21					
		$eSKSP_N$			29					
		eL_{NE}			21					
		eL_Z			24					
		M_{NE}		56	28	19	30	65		
		M_Z			31	20			55	
		F	11	34						
	Kra.	$e/PKP/_{NE}$	09	04	58					Δ=120.2°
		$epPP_{NE}$		06	36					
		e_{NE}		16	02					
		e_{NE}			23					
		eL_N			39					
		eL_E			40					
		M_N		56	20	18	15			
		M_E		58	41	17		5.2		
		M_E	10	05	13	15		4.7		

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Data	Obserw.	Faza	G. M. T. h m s	Okres T s	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
1	Cho.	L_{NE}	09 33					
		M_E	54,5	20		43		
		M_N	55,5	20	43			
		M_E	59,5	18		33		
		M_N	10 09,6	18	46			
		F	31					
1	Kra.	eP_{NE}	16 16 11					Grecja-Jugosławia, Δ=9,1°; USCGS: 40.9°S, 21.0°E, H=16h13m56.2s h=33 km
		$eSSS_{NE}$	18 13					
		eS^*_{NE}	36					
		e_N, i_E	19 35					
	Rac.	Z	16 16-24					SK-58; ślady
	War.	eL_{NE}	16 20					Ślady, mikrosejsmy
		eL_Z	21					
		F	28					
1	Rac.	e_Z	18 57 10					SK-58
		e_Z	35					
		e_Z	48					
		F	59					
2	Rac.	eP_Z	16 42 10					SK-58 Birma-Pakistan, Δ=63°; USCGS: 23.1°N, 93.8°E, H=16h31m53.5s, h=126 km
		e_Z	15					
		e_Z	25					
		e_Z	41					
		F	45					
2	Cho.	ePP_E	17 34 04					SK-58 Santa Cruz, Δ=111.2°; USCGS: 10.9°S, 164.9°E, H=17h14m49.3s, h=25 km
		ePP_Z	05					
		e_Z	35					
		$ePPP_Z$	36 38					
		F	41					
	Rac.	ePP_{EZ}	17 34 06					SK-58; Δ=111.4°
		e_Z	49					
		e_Z	36 12					
		F	42					

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Data	Obserw.	Faza	G. M. T.	Okres T	Amplituda A_N	A_E	A_Z	Uwagi
			h m s	s	μ	μ	μ	
2	War.	ePP_{NZ}	17 36 11					Mikrosejsmy $\Delta=129.5^{o}$
		e_E	37 22					
		i_N	25					
		e_N	45 43					
		ePS_E	46 18					
		eL_{NEZ}	53					
		M_N	18 28 20	24	24			
		F	19 34					
	Kra.	e_{NE}	17 36 33					$\Delta=130.2^{o}$
		$ePKS_{DNE}$	37 34	ca 4;6	+		+	
		$eSSP_{NE}$	53 58					
		eL_{NE}	18 12					
		M_E	37 58	ca 16		2.9		
		M_N	38 18	16	5.3			
2	Cho.	e_{EZ}	21 57 14.9					SK-58 Górny Śląsk Skł. N nie rejestrowała
		e_E, i_Z	16.1					
		i_Z	18.9					
		ei_E	19.6					
		M_{EZ}	25	1.0		1.4	1.7	
		F	42					
	Kra.	e_{NEZ}	21 57 22					Chariny
		e_{NEZ}	30					
		e_{NEZ}	34					
		e_{NEZ}	42					
	Rac.	e_Z	21 57 51					SK-58
		e_Z	58 08					
		e_Z	20					
		F	59					
3	Rac.	$ePKP_{2EZ}$	03 02 51					SK-58 Rejon Tonga, $\Delta=150^{o}9$; USCGS: $22.1^{o}S, 175.1^{o}W$, $H=02^{h}42^{m}54.5^{s}$, h=25 km; M=5 /Palisades/
		e_E	03 08					
		e_Z	11					
		e_Z	45					
		F	06					

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Data	Obserw.	Faza	G. M. T.	Okres T	Amplituda A_N	A_E	A_Z	Uwagi
			h m s	s	μ	μ	μ	
3	Cho.	e_E, i_Z	19 53 20.8				+	SK-58 Górny Śląsk Skł. N nie rejestrowała
		i_E	22.8					
		i_Z	23.8					
		M_{EZ}	28	1.0		2.5	3.1	
		F	54 09					
	Kra.	e_{NEZ}	19 53 29					Chariny
		e_{NEZ}	34					
		e_{NEZ}	37					
		e_{NEZ}	42					
	Rac.	e_Z	19 53 34.9					SK-58
		e_{NE}	39.1					
		e_{NEZ}	48.7					
		e_{NE}	54 02.7					
		e_Z	04.2					
		e_{NE}	12.9					
		e_Z	20.4					
		M_Z	39	1.5			0.4	
		F	56					
4	Cho.	e_Z	07 07 11.9					SK-58 Górny Śląsk Skł. N nie rejestrowała
		e_E	12.1					
		i_{EZ}	13.7					
		i_Z	14.6					
		M_{EZ}	20	1.2		4.7	3.8	
		F	29					
	Rac.	e_{NZ}	07 07 18.7					SK-58
		e_{NZ}	26.1					
		e_N	33.5					
		e_Z	35.7					
		e_{NZ}	51.0					
		e_{NZ}	08 08.6					
		e_Z	17.4					
		F	11					

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Data	Obserw.	Faza	G. M. T.	Okres T	Amplituda A_N	A_E	A_Z	Uwagi
			h m s	s	μ	μ	μ	
4	Kra.	e_{NEZ}	07 07 24					Chariny
		e_Z	27.5					
		e_{NE}	30					
		e_{NEZ}	34.5					
5	Cho.	e_E, i_Z	09 31 35.4				+	SK-58 Górny Śląsk Skł. N nie rejestrowała
		i_E	37.1					
		M_Z	39	1.0			4.2	
		M_E	42	1.0		3.7		
		F	32 30					
	Kra.	e_{NEZ}	09 31 44					Chariny
		e_{NEZ}	49.5					
		e_{NEZ}	52					
		e_{NEZ}	32 04					
	Rac.	e_{NEZ}	09 31 50.0					SK-58 Górny Śląsk Kop."Mysłowice" Δ=70 km /Rac./
		e_{NEZ}	55.5					
		e_{NEZ}	33 05.3					
		e_{EZ}	18.5					
		e_{NEZ}	23.6					
		M_{EZ}	42	1.5		0.3	0.6	
		e_N	34 04.7					
		F	35					
5	Rac.	$e/P/_{NZ}$	20 23 26					SD-57 Grecja, Δ=11°; USCGS: 39.2°N, 20.5°E, H=$20^h20^m53.7^s$, h=49 km; M=5 /Palisades/
		$ePPP_{NEZ}$	53					
		i_E	24 28					
		e_{NE}	37					
		e_E	47					
		e_Z	52					
		e_{NE}	25 08					
		eS_{NEZ}	41					
		$eSSS_{NEZ}$	26 05					
		e_Z	38					
		M_{NEZ}	27.5	5	37	16	12	
		M_{NZ}	29.8	6	24		9	
		M_{NZ}	31.0	7	25		5	
		F	51					

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Data	Obserw.	Faza	G. M. T. h m s	Okres T s	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
5	Kra.	eP_{NE}	20 23 30					Δ=11°
		e_{NE}	24 26					
		eS_{NE}	25 39					
		i_{NE}	43					
		M_N	28 15	ca 14	97			
	Cho.	eP_N	20 23 31					Δ=11.1°
		e_E	24 46					
		e_N	57					
		e_E	26 33					
		e_N	35					
		M_N	27.6	6	44			
		M_E	28.2	5		26		
		F	51					
	War.	eP_N	20 23 44					Δ=12°
		ePP_Z	24 01					
		ePP_N	03					
		$ePPP_Z$	10					
		eS_{NE}	25 58					
		$eSSS_E$	26 25					
		$eSSS_N$	29					
		eL_{NEZ}	27					
		M_{NE}	29 50	6;7	24	73		
		M_Z	31 10	7			43	
		F	21 19					
6	War.	eP_E, iP_Z	04 49 26	4			+	Kamczatka, Δ=70°; USCGS: 53°N, 159.8°E, H=04h38m16.7s, h=32 km; M=6¼ /Pasadena/ 6,5 /Warszawa/
		eS_{NE}	58 33					
		ePS_N	59 12					
		$ePPS_E$	18					
		$ePPS_N$	19					
		eL_N	05 07					
		eL_E	12					
		eL_Z	13					
		M_Z	23 26	16			16	
		M_{NE}	32	19;16	24	21		
		F	06 00					

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Data	Obserw.	Faza	G. M. T. h m s	Okres T s	Amplituda A_N A_E A_Z (μ μ μ)	Uwagi
6	Cho.	eP_{EZ}	04 49 41		-	SK-58; Δ=71.5°
		e_Z	51			Skł. N nie rejestrowała
		$ePcP_{EZ}$	53			
		F	55			
	Kra.	eiP_N, eP_E	04 49 41		+	Δ=70°
		i_{NE}	43	ca 3		
		e_{NE}	50 38			
		ePP_{NE}	52 12			
		L_{NE}	05 20			
		M_E	23 52	22	7	
		M_N	24 56	16	8.6	
	Rac.	eP_{NE}, iP_Z	04 49 44		+	SK-58; Δ=71.3°
		e_{NEZ}	49			
		$ePcP_{EZ}$	55			
		e_Z	50 04			
		e_E	08			
		e_Z	09			
		e_{NZ}	42			
		e_{NZ}	51 47			
		F	05 04			
6	Rac.	$ePKP_Z$	06 34 52			SK-58
		$ePKP_{2NZ}$	35 18			Kermadec, Δ=157.5°.
		F	43			USCGS: 31.0°S, 177.7°W, H=06h15m05.7s h=184 km; M=6½ /Pasadena/
	War.	eL_N	07 35			Ślady
		eL_E	36			
		eL_Z	42			
		F	08 20			
6	Cho.	e_E, i_Z	16 32 53.8		+	SK-58
		i_Z	54.9			Górny Śląsk
		i_Z	56·1			Skł. N nie rejestrowała

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Data	Obserw.	Faza	G. M. T. h m s	Okres T s	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
6	Cho. /d.c./	i_Z	16 32 57.8					
		M_{EZ}	33 01	1.0		1.5	2.6	
		F	35					
	Kra.	e_{NEZ}	16 33 06					Chariny
		e_{NEZ}	16					
		e_{NEZ}	20					
	Rac.	e_Z	16 33 17					
		e_Z	30					
		e_Z	58					
		F	36					
6	War.	e_Z	22 10 48					
6	Cho.	eP_Z	22 22 10					SK-58 Fox, Aleuty, $\Delta=76.8^\circ$; USCGS: $52.7^\circ N, 168.0^\circ W$, $H=22^h10^m06.4^s$, h=42 km; M=5½ /Palisades/
		eP_E	06					
		$ePcP_Z$	16					
		e_Z	38					
		F	26					
	Kra.	eP_{NE}	22 22 02					$\Delta=76.5^\circ$
		e_{NE}	21					
		e_{NE}	23 12					
		e_{NE}	31 55					
		eL_N	32					
		M_N	23 05 23	17	2.3			
		M_E	32	18		1.2		
	Rac.	eP_{NE}	22 22 02				+	SK-58; $\Delta=76.5^\circ$
		e_Z	08					
		$ePcP_Z$	13					
		$ePcP_{NE}$	15					
		e_{NEZ}	38					
		F	29					
	War.	e_N	22 29 37					
		eL_E	34					

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Data	Obserw.	Faza	G. M. T. h m s	Okres T s	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
6	War. /d.c./	eL_N	22 39					
		eL_Z	42					
		M_{NE}	53 49	16;17	6.6	4.6		
		F	23 27					
7	War.	eL_{NE}	14 05					Ślady, Japonia
		eL_Z	12					
		F	22					
8	War.	eL_{NEZ}	00 49					Ślady
		F	56					
8	Kra.	eiP_{NEZ}	05 33 57.2					Chariny
		e_{NEZ}	34 04.7					
	Rac.	e_{NE}	05 34 02					SK-58; ślady
		F	37					
8	Rac.	e_Z	21 17 30					SK-58
		e_{NEZ}	53					
		F	19					
9	Kra.	e_{NE}	03 37 45					
		eL_{NE}	47					
		M_E	48 51	ca 16			0.8	
		M_N	57	ca 16	1.4			
	War.	e_Z	03 37 59					
		e_N	38 01					
		e_Z	46 40					
		e_E	47 52					
		e_N	54					
		e_N	53 37					
		e_E	54 36					
		e_E	04 01 23					
		eL_N	07					
		eL_E	14					

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Data	Obserw.	Faza	G. M. T.	Okres T	Amplituda A_N	A_E	A_Z	Uwagi
			h m s	s	μ	μ	μ	
9	War. /d.c./	eL_Z	04 18					
		M_Z	22 23	20			8	
		M_E	26 30	15		3.7		
		M_N	36	16	6.5			
		F	05 39					
9	Kra.	eiP_{NEZ}	05 39 10					Chariny
		e_{NEZ}	17					
		e_{NEZ}	23					
9	Rac.	e_Z	10 53 21					SD-57 Syczuan, Chiny, $\Delta=62.3^\circ$; USCGS: $32.7^\circ N, 103.4^\circ E$, $H=10^h43^m43.1^s$, h=47 km; M=6¼-6½ /Palisades/ 7 /Warszawa/
		e_Z	48					
		e_{NEZ}	54 11					
		e_{NZ}	30					
		e_Z	52					
		e_{EZ}	56 19					
		M_{NEZ}	11 18.5	10	16	6	2	
		M_{NE}	20.8	12	10	5		
		F	45					
	Kra.	e_{NE}	10 53 23					$\Delta=61^\circ$
		e_{NE}	31					
		e_{NE}	41					
		e_N, ei_E	54 04					
		e_{NE}	56 52					
		e_{NE}	11 02 29					
		e_{NE}	05 05					
		M_N	17 43	14	60			
		M_E	46	9		10.5		
	War.	eP_N	10 53 52					Mikrosejsmy $\Delta=60.5^\circ$
		eiP_Z	54					
		eP_E	56					
		eS_{NEZ}	11 02 06					
		$eSSS_E$	08 41					
		$e/SSS/_Z$	46					

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Data	Obserw.	Faza	G. M. T.	Okres T	Amplituda A_N	A_E	A_Z	Uwagi
			h m s	s	μ	μ	μ	
9	War. /d.c./	eL_{NEZ}	11 11					
		M_N	16 45	17	105			
		M_E	54	14		30		
		M_Z	17 28	11			16	
		F	12 12					
9	Kra.	e_{NEZ}	13 30 04					Chariny, ślady
		e_Z	06					
		e_Z	10					
9	Kra.	e_{NEZ}	14 32 55					Chariny, ślady
		e_{NEZ}	33 04					
		e_{NEZ}	24					
		e_{NEZ}	30					
9	War.	ePS_Z	20 34 38					Ślady, mikrosejsmy Chile, $\Delta = 109^\circ$; USCGS: $23.2^\circ S, 70.6^\circ W$, $H = 20^h 06^m 16.2^s$, h=52 km; M=5½-5¾ /Palisades/
		ePS_{NE}	41					
		$eSSS_N$	44 29					
		eL_E	21 03					
		eL_{NZ}	04					
		M_N	12 25	16	5.5			
		F	42					
9	Rac.	e_{NE}	23 47 12.2					SK-58
		e_N	14.6					
		e_Z	34.3					
		e_Z	46.3					
		F	49					
10	Rac.	Z	02 03-09					SK-58; ślady
10	Cho.	e_N, ie_{EZ}	13 53 33.3				-	Górny Śląsk
		i_Z	35.5					
		M_{EZ}	40	1.0		8.8	3.5	
		F	54 03					

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Data	Obserw.	Faza	G. M. T.	Okres T	Amplituda A_N	A_E	A_Z	Uwagi
			h m s	s	μ	μ	μ	
10	Rac.	e_{NEZ}	13 53 33.0					SK-58
		e_{NEZ}	40.7					
		e_{NZ}	46.3					
		e_{NEZ}	54 04.8					
		e_{NEZ}	16.7					
		M_Z	33	1.5			4	
		e_Z	42.7					
		F	56					
	Kra.	e_{NEZ}	13 53/44.5/					Chariny
		e_{NEZ}	55.5					
		e_{NEZ}	54 12.5					
10	Rac.	e_{NEZ}	15 03 50					SK-58; ślady Rejon Nowej Gwinei
		F	12					
	War.	eL_N	15 32					Ślady, mikrosejsmy
		eL_E	36					
		eL_N	37					
		F	16 14					
10	Cho.	e_{NEZ}	22 47 38.0				+	Górny Śląsk
		ei_Z	41.7					
		M_Z	51	0.8			2.7	
		F	48 09					
	Rac.	e_{NEZ}	22 47 47.4					SK-58
		e_{NE}	55.8					
		e_{NEZ}	48 07.8					
		e_{NZ}	17.7					
		e_{NEZ}	31.4					
		M_{NEZ}	49	1.8	0.4	0.3	0.5	
		e_Z	49 18.4					
		F	51					

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Data	Obserw.	Faza	G. M. T.	Okres T	Amplituda A_N A_E A_Z	Uwagi
			h m s	s	μ μ μ	
10	Kra.	e_{NEZ}	22 47 51.5			Chariny
		e_{NE}	56.5			
		e_{NEZ}	48 01.5			
		e_{NEZ}	03			
11	Cho.	eP_Z	05 34 17			SK-58 Grecja-Albania, $\Delta=10.9^\circ$; USCGS: $39.5^\circ N, 21.1^\circ E$, $H=05^h31^m34.1^s$, h=39 km
		ePP_E	21			
		e_Z	46			
		e_E	48			
		e_Z	35 23			
		e_Z	57			
		F	43			
	Rac.	eP_{NZ}	05 34 17			SK-58; $\Delta=10.8^\circ$
		e_{NZ}	40			
		e_Z	54			
		e_Z	35 17			
		e_Z	36 10			
		F	47			
	Kra.	$e/P/_{NE}$	05 34 18			$\Delta=10.5^\circ$
		e_{NE}	39			
		eS^*_{NE}	36 38			
		e_N, i_E	38 00	7		
		M_E	14	8.5	6	
	War.	eP_Z	05 34 46			Ślady, mikrosejsmy $\Delta=13^\circ$;
		eL_{NEZ}	38			
		M_{NE}	40 48	7; 12	11 29	
		M_N	41 35	8	19	
		F	59			
11	Kra.	i_{NEZ}	15 03 42			Chariny
13	Cho.	i_{EZ}	06 41 58.0		+	SK-58 Górny Śląsk Skł. N nie rejestrowała
		M_{EZ}	42 01	1.0	2.3 2.0	
		F	11			

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Data	Obserw.	Faza	G. M. T.	Okres T	Amplituda A_N	A_E	A_Z	Uwagi
			h m s	s	μ	μ	μ	
13	Kra.	eP_N, eiP_{EZ}	06 42 10.3					Chariny
		ei_{NEZ}	20.3					
		e_{NEZ}	23.8					
13	Rac.	e_Z	06 53 46					SK-58 Cieśn.Molukka, Δ=101°;USCGS: 1.4°N,127.2°E, H=06h37m05.7s, h=59 km
		e_Z	54 50					
		ePP_Z	55 08					
		F	07 00					
	War.	ePP_Z	06 54 47					Δ=99° Skł. E źle funkcjonowała
		e_N	07 01 10					
		e_N	47					
		$ePPS_Z$	04 36					
		eSS_N	08 53					
		e_Z	09 19					
		eL_N	12					
		F	08 06					
	Kra.	ePP_{NE}	06 54 59					Δ=99.5°
		e_{NE}	07 01 13					
		M_N	44 28	15	1			
13	War.	iP_Z, P_N	09 32 25	7	+		-	W-y Fox,Aleuty, Δ=77.5°;USCGS: 51.1°N,168.8°W, H=09h20m36.8s, h=65 km; M=7 /Pasadena/
		$ePcP_E$	36					
		$ePcP_N$	41					
		$ePPP_Z$	37 10					
		S_{NE}	42 11					
		Sm_N	19	7	73			
		e_Z	30					
		$eSKS_Z$	42					
		eL_{NZ}	47					
		M_Z	10 06 55	21			40	
		M_N	07 00	19	74			
	Cho.	eiP_N	09 32 36		+			Δ=77.7°
		eP_E	40					
		$ePcP_N$	55					

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Data	Obserw.	Faza	G. M. T.	Okres T	Amplituda A_N	A_E	A_Z	Uwagi
			h m s	s	μ	μ	μ	
13	Cho. /d.c./	e_N	09 33 31					
		eS_{NE}	42 31					
		M_N	10 03.7	25	125			
		M_{NE}	07.7	20	114	57		
		M_E	13.0	18		33		
		F	42					
	Kra.	eiP_N, eP_E	09 32 37	7.5	-			$\triangle$=78.7°
		Pm_N	43	9	6.1			
		eiS_N	42 33					
		eiS_E	36					
		Sm_{NE}	43	8.5	15	9		
		M_N	10 08 12	20	49			
	Rac.	iP_{NZ}, eP_E	09 32 38	-			-	SD-57; $\triangle$=79°
		$iPcP_{EZ}$	54					
		i_N, e_{EZ}	33 32					
		e_Z	59					
		e_{NZ}	35 25					
		ePP_E	31					
		$ePPP_{NEZ}$	37 27					
		e_N	38 36					
		iS_{NEZ}	42 38	6		18	5	
		ePS_Z	43 12					
		i_N, e_E	44					
		e_{NZ}	44 07					
		M_{EZ}	10 02.5	24		7	9	
		M_Z	10.6	20			10	
		M_Z	21.5	15			5	
		F	43					
13	Rac.	e_Z	13 36 32					SK-58
		e_Z	38					
		F	38					

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Data	Obserw.	Faza	G. M. T. h	m	s	Okres T s	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
14	Rac.	e_Z	18	12	14					SK-58
		e_Z			19					
		e_Z			32					
		F		15						
14	Rac.	eP_Z	20	15	16					SK-58; ślady Hiszpania, Δ=21.3°; BCIS: 37°N, 5°W, $H=20^h10^m25^s$
		F		17						
16	Kra.	eP_{NE}, eiP_Z	01	42	02					Chariny
		e_{NEZ}			09					
	Rac.	i_Z	01	42	04					SK-58
		e_Z			10					
		e_Z			25					
		F		46						
16	Cho.	i_Z	05	29	39.5		+	-	-	Willmore Górny Śląsk
		ei_N, i_E			39.9					
		M_{NE}			52	0.6	1.9	1.3		
		F		30	13					
	Kra.	eP_N, eiP_{EZ}	05	29	52					Chariny
		e_{NZ}			55.3					
		e_N		30	01					
		i_{NEZ}			03					
		e_{NEZ}			07.3					
	Rac.	e_Z	05	30	13					SK-58; ślady
		F		32						
16	Kra.	eP_{NE}	23	08	41					Sinkiang, Chiny, Δ=49.4°; USCGS: 38°N, 89.5°E, $H=22^h59^m47.6^s$, h=24 km
		e_{NE}		09	17					
		e_{NE}		26	12					
		e_{NE}		28	16					
		e_{NE}		29	04					

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Data	Obserw.	Faza	G. M. T.	Okres T	Amplituda A_N	A_E	A_Z	Uwagi
			h m s	s	μ	μ	μ	
16	Rac.	eP_{NZ}	23 08 50					SK-58; Δ=50.5°
		e_Z	57					
		e_Z	09 11					
		F	19					
	War.	NEZ	23 26-42					Ślady
17	Cho.	e_{EZ}	08 17 42.2				/+/	SK-58 Górny Śląsk
		i_E,ei_Z	45.2					
		M_{EZ}	51	1.3		3.1	3.0	Skł. N nie rejestrowała
		F	18 49					
	Rac.	e_{NEZ}	08 17 48.3					SK-58 Δ=55 km /Rac./
		e_{NEZ}	56.1					
		e_{NEZ}	18 08.7					
		e_E	14.3					
		e_{NZ}	15.8					
		e_Z	30.5					
		M_{NEZ}	48	1.5	0.4	0.4	0.7	
		e_Z	19 17.6					
		F	21					
	Kra.	eP_N,eiP_{EZ}	08 17 54.5					Chariny
		e_{NZ}	18 02					
		e_{NZ}	03.5					
		e_E	05.5					
17	Rac.	e_Z	15 29 02					SK-58; ślady
		e_Z	15					
		F	30					
17	Cho.	e_{NEZ}	17 15 59.8				-	SK-58 Górny Śląsk
		M_Z	16 03	0.8			2.9	
		M_{NE}	04	0.8	1.4	1.4		
		F	13					

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Data	Obserw.	Faza	G. M. T.	Okres T	Amplituda A_N A_E A_Z	Uwagi
			h m s	s	μ μ μ	
17	Kra.	e_{NEZ}	17 16 01.5			Chariny
		e_N	20.5			
		ei_{EZ}	21.2			
		e_{NEZ}	28			
	Rac.	e_Z	17 16 27			SK-58; ślady
		e_Z	17 15			
		F	18			
17	Rac.	e_Z	19 58 46			SK-58
		e_Z	55			
		F	20 00			
18	Kra.	e_{NE}	06 05 22			
		e_{NE}	07 31			
		M_E	14 34	11	0.4	
		M_N	52	10	0.5	
	Rac.	e_Z	06 07 33			SK-58
		e_Z	08 11			
		F	12			
	War.	NEZ	06 13-27			Ślady
18	Rac.	e_{NEZ}	11 00 34.8			SK-58 Górny Śląsk Δ=40 km /Rac./
		e_{NEZ}	39.8			
		e_{NEZ}	44.8			
		e_{NEZ}	53.4			
		e_E	01 03.6			
		e_{NZ}	09.1			
		M_{NEZ}	15	1.2	0.3 0.3 0.6	
		M_N	23	1.5	0.4	
		F	02			
18	Cho.	e_{EZ}	17 20 15.1			SK-58 Górny Śląsk
		e_N	17.1			
		M_{EZ}	23	0.8	0.9 1.2	
		F	32			

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Data	Obserw.	Faza	G. M. T.	Okres T	Amplituda A_N A_E A_Z	Uwagi
			h m s	s	μ μ μ	
18	Kra.	e_{NEZ}	17 20 18			Chariny
		e_{NEZ}	25			
		e_{NEZ}	33			
	Rac.	e_Z	17 20 47			SK-58; ślady
		e_Z	21 20			
		F	23			
18	Rac.	e_{EZ}	22 47 50			SK-58; ślady
		e_N	56			
		e_{NEZ}	48 01			
		e_Z	22			
		F	50			
19	War.	eL_{NEZ}	13 17			Ślady
		F	31			
20	Cho.	i_{NEZ}	04 11 09.9		-	Górny Śląsk
		i_Z	11.5			
		M_Z	15	0.9	10.5	
		M_{NE}	18	0.9	17.7 18.6	
		F	12 12			
	Rac.	eP_{NEZ}	04 11 18.3			SK-58
		e_{NE}	23.1			
		e_Z	26.4			
		e_N	30.0			
		e_Z	31.5			
		e_{EZ}	37.2			
		e_{NZ}	51.2			
		e_Z	54.4			
		e_{NE}	56.2			
		e_{NEZ}	12 15.0			
		M_{NEZ}	17	1.3	0.7 0.6 0.6	
		M_Z	42	1.2	0.9	
		F	15			

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Data	Obserw.	Faza	G. M. T. h	m	s	Okres T s	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
20	Kra.	eiP_{NEZ}	04	11	21.5					Chariny
		e_N			30					
		e_{EZ}			31.5					
		e_N			33					
20	Cho.	e_Z	04	15	15.4					Górny Śląsk
		e_{NE}			15.9					
		F			48					
	Rac.	e_{EZ}	04	15	25.2					SK-58
		e_N			29.0					
		e_{NEZ}			32.7					
		e_{EZ}			43.0					
		e_N		16	05.0					
		F		18						
	Kra.	e_{NEZ}	04	15	27.5					Chariny
		e_{NEZ}			38					
		e_{NEZ}			40					
20	Rac.	e_{NE}	08	48	31					SK-58
		e_Z			34					
		e_{NEZ}			44					
		e_Z		49	02					
		F		50						
20	Rac.	e_{NEZ}	18	33	16.3					SK-58
		e_E			19.7					Górny Śląsk
		e_Z			21.5					
		e_{NE}			22.7					
		e_Z			25.4					
		e_N			31.6					
		e_{NE}			36.4					
		e_Z			40.2					
		M_{NEZ}			43	1.2	0.4	0.4	0.7	
		e_Z		34	05.2					
		F		35						

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Data	Obserw.	Faza	G. M. T.	Okres T	Amplituda A_N	A_E	A_Z	Uwagi
			h m s	s	μ	μ	μ	
20/21	Rac.	eP_{NZ}	22 15 49					SD-57
✓		esP_Z	16 07					Peru, Δ=101°;
		e_Z	18 55					USCGS: 6.8°S, 80.7°W,
		$eSKS_{AN}$	26 34					H=22h01m59.9s,
		M_Z	54.5	30			44	h=93 km
		M_Z	58.3	20			17	
		M_{NZ}	23 09	16	3		8	
		F	00 03					
	Kra.	epP_{NE}	22 16 13					Δ=102°
	✓	e_{NE}	36					
		e_{NE}	19 03					
		ePP_{NE}	57					
		e_{NE}	20 19					
		$e/SKS/_{NE}$	26 33					
		M_N	55 39	23	17.5			
		M_E	52	22		8.7		
	War.	e_{EZ}	22 16 19					Δ=104°
	✓	$ePKP_{EZ}$	19 53					
		$epPP_N$	20 41					
		$ePPP_N$	22 29					
		e_Z	23 32					
		$eSKS_{ANE}$	26 34					
		eL_{NE}	27					
		eL_Z	29					
		M_N	23 02 29	19	36			
		M_E	36	20		15		
		M_Z	04 56	18			27	
		M_E	08 02	18		29		
		F	01 06					
22	Rac.	e_Z	03 51 44					SK-58
	✓	e_Z	53					
		e_Z	52 29					
		F	57					

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Data	Obserw.	Faza	G. M. T.	Okres T	Amplituda A_N	A_E	A_Z	Uwagi
			h m s	s	μ	μ	μ	
22	War.	Z	03 50-58					Ślady, mikrosejsmy
22	Rac.	e_Z	04 05 16					SK-58
		e_Z	24					
		F	09					
22	War.	NE	06 43-55					Ślady, mikrosejsmy
	Kra.	e_{NE}	06 45 47					Ślady
		e_{NE}	50 50					
22	Kra.	$e/P/_{NEZ}$	07 50 55.0					Chariny
		e_{NEZ}	56.5					Wieliczka
		e_{NEZ}	51 06					Zawał komory w Żupie Solnej
22	War.	e_Z	12 47 40					
		e_Z	49 34					
		e_E	51 30					
		e_Z	52 11					
		e_E	59 25					
		eL_N	13 28					
		eL_{EZ}	31					
		M_Z	40 27	18			7.5	
		M_E	45 50	18		7.5		
		F	14 11					
	Kra.	eL_{NE}	13 37					
		M_N	45 49	16	1.4			
		M_E	46 48	15		0.8		
23	Cho.	e_{NEZ}	04 15 52.4					SK-58
		e_{NEZ}	53.9					Górny Śląsk
		M_{NEZ}	57	0.9	1.2	1.2	1.2	
		F	16 13					
	Kra.	iP_{NEZ}	04 16 11.5					Chariny

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Data	Obserw.	Faza	G. M. T.	Okres T	Amplituda A_N	Amplituda A_E	Amplituda A_Z	Uwagi
			h m s	s	μ	μ	μ	
23	War.	e_Z	14 32 12					
		ei_N	23					
		e_{EZ}	35					
		i_Z	33 34					
		e_E	53					
		e_Z	34 58					
		e_N	35 45					
		e_E	47					
		e_E	42 40					
		eL_N	51					
		eL_E	53					
		eL_Z	15 12					
		M_E	29 44	30		48		
		M_N	52	28	30			
		M_N	35 19	21	37			
		M_E	21	21		16		
		M_Z	39 34	20			27	
		F	16 57					
	Kra.	e_{NEZ}	14 32 13					Chariny
		ei_{NEZ}	18					
	Rac.	e_{NEZ}	14 32 15					SD-57
		e_Z	19					
		e_{NEZ}	26					
		e_E	59					
		e_N	33 02					
		i_E	15					
		e_{NZ}	29					
		e_E	49					
		e_{NZ}	52					
		e_E	34 03					
		e_E	32					
		F	52					

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Data	Obserw.	Faza	G. M. T.	Okres T	Amplituda A_N A_E A_Z	Uwagi
			h m s	s	μ μ μ	
23	Cho.	e_{NE}	14 32 35			
		e_E	33 50			
		e_N	58			
		M_N	15 39.7	20	43	
		F	16 15			
23	War.	e_Z	18 16 21			
		e_N	31			
		e_E	39			
		e_Z	19 52			
		eL_N	19 13			
		eL_{EZ}	17			
		F	30			
	Kra.	e_{NEZ}	18 16 30			Chariny
		e_{NEZ}	53			
	Cho.	e_Z	18 16 32			SK-58
		e_Z	40			
		F	20			
	Rac.	e_{EZ}	18 16 33			SK-58
		e_E	37			
		e_{NZ}	41			
		e_{NZ}	47			
		e_E	50			
		e_Z	17 02			
		e_N	38			
		F	24			
24	Cho.	i_{NEZ}	01 38 29.4		+ /-/	SK-58
		M_{NEZ}	32	0.6	2.4 3.4 3.9	Górny Sląsk
		F	39 12			
	Rac.	e_Z	01 38 38			SK-58
		e_{NE}	40			

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Data	Obserw.	Faza	G. M. T.	Okres T	Amplituda A_N	A_E	A_Z	Uwagi
			h m s	s	μ	μ	μ	
24	Rac. /d.c./	e_Z	01 38 47					
		e_Z	57					
		e_Z	39 14					
		e_N	24					
		F	42					
	Kra.	e_{NEZ}	01 38 41					Chariny
		e_{NEZ}	48.5					
		e_{NEZ}	51					
24	Rac.	e_Z	05 09 03					SK-58
		e_Z	11					
		F	15					
24	War.	i_Z	07 12 28				+	
		i_{NE}	39					
		i_Z	45					
		e_N	13 36					
		ei_E	38					
		e_Z	15 26					
		e_N, ei_Z	16 05					
		e_E	09					
		e_Z	26 16					
		eL_N	26.5					
		eL_E	31					
		eL_Z	36					
		M_{NE}	08 15 42	23	97	43		
		M_E	17 12	20		49		
		M_Z	19 54	20			63	
		F	10 04					
24	Rac.	e_{NEZ}	07 12 32					SD-57
		e_{NE}, i_Z	38					
		i_{NEZ}	13 02					

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Data	Obserw.	Faza	G. M. T.	Okres T	Amplituda A_N	A_E	A_Z	Uwagi
			h m s	s	μ	μ	μ	
24	Rac. /d.c./ ✓	i_{NE}	07 13 12					
		ei_N, e_Z	30					
		e_{NZ}	14 06					
		e_N, i_{EZ},	37					
		e_{EZ}	15 27					
		e_{EZ}	52					
		M_{NZ}	08 10.2	30	20		62	
		M_{NZ}	16.5	24	11		46	
		M_{NZ}	19.2	20	6		26	
		M_{NZ}	29.2	18	4		16	
		F	09 30					
	Kra. ✓	e_{NEZ}	07 12 36					Chariny
		e_{NEZ}	41					
	Cho. ✓	e_{NE}	07 12 56					
		e_{NE}	13 08					
		e_N	34					
		e_N	14 48					
		e_N	16 28					
		M_N	08 11.2	25	75			
		M_{NE}	18.7	20	57	29		
		F	09 15					
25	Kra. ✓	e_{NEZ}	22 06 00					Chariny
	Rac. ✓	e_Z	22 06 04					SK-58
		e_N	06					
		e_Z	39					
		e_Z	08 45					
		F	13					
26	Cho.	i_{NEZ}	23 20 36.1		/-/	-	-	Górny Śląsk
		i_Z	37.0					

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Data	Obserw.	Faza	G. M. T.	Okres T	Amplituda A_N	A_E	A_Z	Uwagi
			h m s	s	μ	μ	μ	
26	Cho. /d.c./	M_{NEZ}	23 20 40	1.0	66		15.5	
		F	22 32					
	Rac.	eP_E, iP_Z	23 20 46.1					SK-58
		e_N, i_Z	47.3					
		e_E	50.2					
		eSg_N	53.8					
		e_Z	21 01.3					
		e_E	04.2					
		i_Z	06.6					
		e_N	08.5					
		e_{EZ}	11.1					
		e_{NEZ}	18.0					
		M_{EZ}	28	1.2		1.5	2	
		M_N	38	1	1.1			
		F	27					
27	Cho.	e_{NEZ}	05 31 28.6					SK-58, Górny Śląsk
		e_{EZ}	29.8					
		M_{NEZ}	32	1.0	2.o	2.2	2.0	
		F	54					
	Rac.	e_Z	05 31 40					SK-58; ślady
		e_Z	32 13					
		F	34					
27	Rac.	e_Z	10 52 11					SK-58
		F	54					
27	Cho.	e_{EZ}	14 07 08.2					SK-58 Górny Śląsk.
		e_N, i_{EZ}	10.4					
		F	44					
	Kra.	e_{NZ}	14 07 20.7					Chariny
		e_E	21.7					
		e_{NZ}	29.7					

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Data	Obserw.	Faza	G. M. T. h m s	Okres T s	Amplituda A_N A_E A_Z μ μ μ	Uwagi
27	Kra. /d.c./	e_E	14 07 30.7			
		e_{NEZ}	35.2			
27	Kra.	eiP_{NEZ}	15 28 50			Chariny
		e_{NEZ}	29 15			
	Rac.	e_{NEZ}	15 28 53			SK-58
		e_Z	56			
		e_Z	29 04			
		F	34			
28	Rac.	e_Z	05 16 46			SK-58; ślady
		F	18			
28	Rac.	e_{NEZ}	08 00 36			SK-58
		e_Z	42			
		e_{NEZ}	47			
		e_Z	59			
		F	03			
28	Cho.	e_{NEZ}	09 17 25.1			SK-58
		M_{EZ}	30	1.1	6,1 8.4	Górny Śląsk
		F	55			
	Kra.	e_{NEZ}	09 17 46.7			Chariny; ślady
28	Cho.	e_E	09 43 24.8			SK-58; ślady
		e_Z	25.6			
		e_N	26.3			
		e_Z	27.8			
		M_{EZ}	33	1.0	6.0 8.1	
		F	50			
	Kra.	e_{NEZ}	09 43 30			Chariny
		e_{NEZ}	37.7			
		e_{NEZ}	48.7			

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Data	Obserw.	Faza	G. M. T. h m s	Okres T s	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
28	Cho.	e_{NE}, i_Z	10 31 53.3				+	SK-58
		i_{EZ}	55.3					
		M_{NEZ}	57	0.8	1.9	1.9	2.0	
		F	32 35					
	Kra.	e_Z	10 32 03.7					Chariny
	Rac.	e_Z	10 32 04					SK-58
		e_{EZ}	21					
		e_{EZ}	47					
		F	34					
28	Rac.	e_Z	15 20 31					SK-58
		e_Z	38					
		F	22					
28	Cho.	e_Z	17 43 52.2					SK-58 Górny Śląsk
		e_E	53.0					
		e_{NEZ}	55.3					
		M_{NEZ}	44 01	1.0	5.0	5.0	6.1	
		F	26					
	Kra.	e_{NEZ}	17 44 03.7					Chariny
		e_{NEZ}	14.2					
	Rac.	e_Z	17 44 14					SK-58
		e_{NEZ}	21					
		e_E	25					
		e_N	29					
		e_Z	35					
		F	47					
28	Rac.	e_Z	21 23 34					SK-58
		e_Z	49					
		F	25					
28	Rac.	e_Z	03 42 17					SK-58
		F	43					

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Data	Obserw.	Faza	G. M. T.	Okres T	Amplituda A_N	A_E	A_Z	U w a g i
			h m s	s	μ	μ	μ	
29	Kra.	eiP_{NEZ}	14 18 59					Chariny
	Rac.	e_E, i_Z	14 19 05				-	SK-58
		e_N	06					
		e_Z	15					
		e_{EZ}	27					
		F	22					

Z.Gryglewicz
H.Skoczek

Sincerest wishes for Your happiness throughout
the coming New Year 1961

Section of Seismological
Bulletins
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Polish Academy of Sciences

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POLAND

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Data	Obserw.	Faza	G. M. T.	Okres T	Amplituda A_N	A_E	A_Z	Uwagi
			h m s	s	μ	μ	μ	
1	War.	eL_E	04 08					Ślady; Turcja Skł. N nie rejestrowała
		eL_Z	11					
		F	21					
1	Rac.	NEZ	09 59-10 10					SK-58; ślady Morze Banda
1	Rac.	e_Z	11 00 34					SK-58
		e_Z	41					
		e_Z	01 15					
		F	03					
1	Rac.	e_{NEZ}	11 46 15					SK-58
		e_{NEZ}	18					
		e_{NEZ}	26					
		e_Z	35					
		e_E	37					
		F	48					
1	Rac.	eP_Z	21 01 44					SK-58 W.Vancouver, Δ=77.5°; USCGS: 48.8°N, 129.3°W, H=20h49m45.5s h=15 km
		F	04					
	War.	eS_N	21 11 13					Δ=75.5°
		eS_E	16					
		eS_Z	19					
		$eSSS_Z$	19 17					
		eL_N	20					
		eL_E	22					
		eL_Z	30					
		F	22 11					
2	Cho.	e_E, i_Z	06 24 18.5					SK-58 Górny Śląsk
		e_N	18.7					
		i_{NE}	20.2					
		i_Z	20.6					

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Data	Obserw.	Faza	G. M. T.	Okres T	Amplituda A_N	Amplituda A_E	Amplituda A_Z	Uwagi
			h m s	s	μ	μ	μ	
2	Cho. /d.c./	M_{EZ}	06 24 25	0.9		1.1	1.2	
		M_N	30	0.9	1.9			
		F	52					
	Kra.	eiP_{NEZ}	06 24 31					Chariny
		ei_{NEZ}	41.8					
		e_{NEZ}	51.5					
	Rac.	e_{EZ}	06 24 44					SK-58
		e_{NEZ}	50					
		e_Z	25 22					
		F	27					
2	Rac.	e_Z	09 28 27					SD-57 Silne mikro-sejsmy Chile, $\Delta = 107.5^\circ$; USCGS: 24.5°S, 69.9°W, H=$09^h10^m41.0^s$ h=37 km; M=7-7¼ /Berkeley/
		ePP_{NZ}	29 24					
		e_Z	30 23					
		ePS_N	38 54					
		e_{NZ}	39 19					
		M_Z	10 08.6	26			46	
		M_Z	14.6	18			31	
		M_{NZ}	16.0	18			38	
		F	58					
	Kra.	e_{NEZ}	09 28 53.5					Chariny $\Delta = 108.5^\circ$
		e_{NEZ}	30 02.5					
	Cho.	e_N	09 29 05					$\Delta = 108^\circ$
		eL_N	48					
		M_{NE}	10 08.8	20		71	57	
		M_{NE}	16.3	18		33	89	
		F	54					
	War.	eS_E	09 37 14					$\Delta = 109.7^\circ$
		$ePKKP_Z$	40 32					$\Delta = 250^\circ$
		e_Z	46 08					

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Data	Obserw.	Faza	G. M. T.	Okres T	Amplituda A_N A_E A_Z	Uwagi
			h m s	s	μ μ μ	
2	War. /d.c./	eL_{EZ}	09 59			B.silne mikrosejsmy. Skł.N nie rejestrowała
		M_Z	10 17 18	18	42	
		M_E	19	18	88	
		F				ginie w mikrosejsmach
2	Rac.	e_{EZ}	20 32 09			SK-58
		e_{NZ}	25			
		e_{NEZ}	34			
		e_E	44			
		F	33			
3	War.	eP_Z	04 33 42			Mongolia, Δ=54°; USCGS: 42.8°N, 104.5°E, H=04h24m17.5s, h=45 km; M=7 /Pasadena, Bereley/
		eP_E	44			
		ePP_Z	35 47			
		eS_E	41 17			
		eS_Z	18			B.silne mikrosejsmy. Skł.N nie rejestrowała
		$ePPS_Z$	37			
		eL_{EZ}	45			
		F	06 24			
	Kra.	eiP_{NE}	04 33 54			Δ=55.5° Silne mikrosejsmy
		M_E	58 48	ca 10	22	
	Cho.	eP_{NEZ}	04 33 56			SK-58; Δ=55.7°
		e_Z	34 04			
		e_Z	43			
		e_Z	37 04			
		M_{NEZ}	54.6			
		F	06 18			
	Rac.	eP_{NE}, iP_Z	04 34 01			SK-58; Δ=56.5°
		e_E	07			
		ePP_{NZ}	10			

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Data	Obserw.	Faza	G. M. T.	Okres T	Amplituda A_N	A_E	A_Z	Uwagi
			h m s	s	μ	μ	μ	
3	Rac. /d.c./	e_{NE}	04 34 24					
		e_{NEZ}	54					
		$ePcP_{NZ}$	35 05					
		e_E	23					
		e_{NEZ}	36 09					
		$ePPP_{EZ}$	37 24					
		M_{NEZ}	54,6	4	12	11	9	
		M_{NEZ}	55,1	3	8	10	5	
		F	05 18					
3	Kra.	eiP_N	20 29 29					Morze Łaptiewów, $\Delta=46^\circ$; USCGS: $76.7^\circ N, 131.1^\circ E$, $H=20^h21^m01.3^s$ $h=28$ km
		eP_{EZ}	29.5					
		e_{NEZ}	33.5					
	Rac.	eP_Z	20 29 32					SK-58; $\Delta=46.5^\circ$
		e_Z	31 50					
		e_Z	32 33					
		F	34					
4	Rac.	e_N	01 39 56					SK-58
		e_{EZ}	59					
		e_Z	40 04					
		e_N	18					
		e_N	25					
		e_Z	34					
		F	42					
4	Rac.	eP_{EZ}	04 00 06.9					SK-58; Radynia, $\Delta=40$ km /Rac./; $50^\circ09'42"N$, $17^\circ40'43"E$, $H=03^h59^m59,17^s$ Wybuch - 2t.
		eS_{EZ}	11.9					
		F	02					
4	Rac.	e_{EZ}	04 34 28					SK-58
		e_{EZ}	57					

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Data	Obserw.	Faza	G. M. T. h m s	Okres T s	Amplituda A_N A_E A_Z μ μ μ	Uwagi
4	Rac. /d.c./	e_E	04 35 54			
		F	39			
4	Rac.	eP_Z	16 32 57			SK-58; ślady Japonia, $\Delta = 83.5^\circ$; $H = 16^h 20^m 36.1^s$, $h = 106$ km
		e_Z	33 13			
		F	36			
4/5	Kra.	$ePKP_{2NEZ}$	00 14 18			Chariny Fidżi, $\Delta = 147^\circ$; $21.2^\circ S, 179.0^\circ W$, $H = 23^h 55^m 39.3^s$, $h = 633$ km
		e_{NEZ}	22			
	Rac.	$ePKP_{2NEZ}$	00 14 20			SK-58 $\Delta = 148^\circ$
		e_{NZ}	26			
		e_{EZ}	48			
		e_Z	15 16			
		F	19			
5	Rac.	e_Z	18 00 08			SK-58
		e_{EZ}	25			
		e_{EZ}	01 03			
		F	03			
5	Kra.	eiP_{NEZ}	18 18 46			Chariny Kamczatka, $\Delta = 70^\circ$; $54.3^\circ N, 161.2^\circ E$, $H = 18^h 07^m 26.7^s$, $h = 25$ km
		$ePcP_{NEZ}$	19 13			
	Rac.	eP_{NEZ}	18 18 49			SK-58; $\Delta = 71^\circ$
		$ePcP_{EZ}$	19 08			
		e_{NE}	21			
		e_Z	27			
		F	23			
5	Rac.	eP_{NEZ}	21 26 51			SK-58: Cieśn. Gibraltarska, $\Delta = 23^\circ$;
		e_{NZ}	27 03			

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Data	Obserw.	Faza	G. M. T.	Okres T	Amplituda A_N A_E A_Z	Uwagi
			h m s	s	μ μ μ	
5	Rac. /d.c./ ✓	e_E	21 27 07			USCGS: 35.7°N, 6.5°N, H=21h21m51.7s, h=66 km
		ePP_{NEZ}	25			
		$ePPP_E$	33			
		e_{NZ}	48			
		eS_{NZ}	31 04			
		F	39			
	Kra. ✓	eiP_{NEZ}	21 27 00			Chariny Δ =24°
		e_{NEZ}	07			
		e_{NEZ}	12			
6	Kra. X	e_Z	03 45 04			Chariny; ślady
		e_Z	13			
6	Cho. X	ei_N, i_Z	05 25 25,5		/-/	SK-58 Górny Śląsk
		i_{NEZ}	26.5			
		M_{NEZ}	30	0.8	2.4 1.9 2.2	
		e_E	34.3			
		F	26 03			
	Kra. X	e_{NEZ}	05 25 36.8			Chariny
		e_{NEZ}	46.3			
		e_{NEZ}	26 10			
6	Rac. X	NEZ	09 10-22			SK-58; ślady
	War. X	eL_E	09 46			Ślady Silne mikro-sejsmy
		eL_N	51			
		eL_Z	54			
		F	10 07			
7	Rac. X	e_{NEZ}	20 46 46			SK-58
		e_{NE}	47 15			
		e_{NE}	26			
		F	51			

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Data	Obserw.	Faza	G. M. T. h m s	Okres T s	Amplituda A_N A_E A_Z μ μ μ	Uwagi
8	Kra.	$ePKP_{1NEZ}$	01 42 55			Chariny Fidżi, △=148°; USCGS: 21.8°S, 179°W, H=01h24m18.9s, h=685 km
		e_{NEZ}	43 17			
	Rac.	$ePKP_{2EZ}$	01 42 57			SK-58; △=149°
		e_{EZ}	43 02			
		i_Z	04			
		e_{NE}	05			
		e_{EZ}	48			
		F	48			
9	Rac.	$ePKP_{1EZ}$	00 55 53			SK-58; Tonga, △=148°; USCGS: 20.4°S, 176.2°W, H=00h36m18.2s, h=137 km
		F	58			
9	Rac.	e_Z	06 11 56			SK-58; ślady
		e_Z	12 33			
		F	14			
9	Rac.	e_{EZ}	09 29 58			SK-58
		e_E	30 13			
		e_{EZ}	22			
		F	32			
9	Cho.	e_{NE}, i_Z	13 05 39.5		+	SK-58 Górny Śląsk
		i_E	41.4			
		ei_Z	42.3			
		M_{NZ}	43	0.8	1.9 2.0	
		M_E	45	1.1	1.6	
		F	06 41			
	Kra.	e_{EZ}	13 05 48			Chariny
		i_N	55.5			
		i_{EZ}	56.5			
		e_{NEZ}	06 08			

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Data	Obserw.	Faza	G. M. T. h m s	Okres T s	Amplituda A_N A_E A_Z μ μ μ	Uwagi
9	Rac.	e_{NEZ}	13 06 12			SK-58
		e_{NEZ}	30			
		F	08			
9	Kra.	iP_{NEZ}	13 53 48.7			Chariny
		ei_{NEZ}	54 01			
9	Rac.	e_E	14 29 05			SK-58
		e_Z	15			
		e_E	18			
		F	31			
9	Rac.	eP_Z	21 30 12			SK-58 Jan Mayen, $\Delta=23.8^\circ$; USCGS: 72°.0N, 1.6°W, $H=21^h24^m57.0^s$, h=60 km
		ePP_E	30			
		F	33			
	Kra.	e_{NEZ}	21 30 12			Chariny $\Delta=24^\circ$
		e_{NEZ}	23.2			
10	Rac.	$ePKP_{2Z}$	13 51 48			SK-58 Rejon Samoa, $\Delta=143.5^\circ$; USCGS: 15.0°S, 172.3°W, $H=13^h32^m18.3^s$, h=25 km
		e_Z	52 07			
		e_Z	25			
		F	55			
11	Kra.	e_{NEZ}	00 20 33			Chariny; ślady
		e_{NEZ}	37			
	Rac.	e_{NZ}	00 20 36			SK-58
		e_E	37			
		e_{NEZ}	41			
		e_{NEZ}	45			
		e_{EZ}	50			
		F	27			

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Data	Obserw.	Faza	G. M. T. h m s	Okres T s	Amplituda A_N A_E A_Z μ μ μ	Uwagi
11	War.	e_N	01 33 12			Ślady
		e_E	55			
		e_E	35 22			
		eL_N	35			
		eL_{EZ}	36			
		F	51			
11	Kra.	e_{NEZ}	13 18 22			Chariny
		e_{NEZ}	24			
		e_{NEZ}	36			
11	Cho.	i_{NZ}	15 37 42.8		-	SK-58 Górny Śląsk Skł.E nie rejestrowała
		i_Z	43.7			
		M_Z	49	0.9	3.1	
		M_N	54	0.9	4.0	
		F	38 37			
	Kra.	e_{NEZ}	15 37 56			Chariny
		e_{NEZ}	38 06			
		e_{NEZ}	17			
	Rac.	e_E	15 38 01			SK-58; ślady
		e_{NZ}	15			
		e_Z	43			
		F	41			
11	Rac.	e_Z	19 27 11			SK-58
		e_Z	25			
		F	34			
11	War.	NEZ	20 04-26			Ślady — Trace Nowe Hebrydy
12	Cho.	i_Z	03 57 23.9		/+/	SK-58 Górny Śląsk Skł.E nie rejestrowała
		i_N	24.3			
		ei_{NZ}	25.7			

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Data	Obserw.	Faza	G. M. T.	Okres T	Amplitida A_N	A_E	A_Z	Uwagi
			h m s	s	μ	μ	μ	
12	Cho. /d.c./	M_Z	03 57 30	1.0			1.2	
		M_N	36	0.8	1.8			
		F	58 02					
	Kra.	e_N,ei_{EZ}	03 57 37					Chariny
		e_N,ei_{EZ}	48					
12	Cho.	e_Z	09 12 47.5					SK-58 Górny Śląsk Skł.E nie rejestrowała
		e_Z	48.5					
		e_N	50.1					
		M_Z	56	1.2			0.9	
		F	13 15					
	Kra.	e_{NEZ}	09 13 11					Chariny
		e_{NZ}	17					
		e_{NZ}	24					
		e_{NZ}	34					
12	Rac.	e_N	22 02 55					SK-58
		e_{EZ}	03 00					
		e_{EZ}	17					
		e_{NZ}	35					
		e_Z	04 09					
		F	07					
13	Rac.	$ePKP_{1Z}$	07 56 14					SK-58
		$ePKP_{2Z}$	39					SD-57
		$ePKP_{2N}$	44					
		e_{NEZ}	56					Macquarie, Δ=156.5°;USCGS: 52.1°S,160.9°E, H=07h36m13.8s, h=29 km; M=7¼ /Pasadena/ 7,3 /Warszawa/
		e_{EZ}	57 13					
		e_{NZ}	21					
		M_Z	08 14.0	22			4	
		M_Z	17.5	20			4	
		F	52					

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Data	Obserw.	Faza	G. M. T.	Okres T	Amplituda A_N	A_E	A_Z	Uwagi
			h m s	s	μ	μ	μ	
13	War.	$ePKP_{2Z}$	07 56 46					Mikrosejsmy $\Delta=156^\circ$
	✓	ei_Z	57 47					
		e_N	58 05					
		e_E	06					
		$ePKS_E$	59 44					
		ePP_Z	08 00 21					
		e_N	02 11					
		e_E	03 01					
		eL_N	44					
		eL_E	49					
		eL_Z	56					
		M_Z	09 07 50	25			24	
		M_N	11 39	25	6.9			
		M_E	58	18		9.8		
		F	10 11					
	Kra.	$e/PKP_2/_{NE}$	07 56 55					$\Delta=155.5^\circ$
	✓	e_{NE}	57 02					
		e_{NE}	08 07 23					
		M_N	09 17 07	22	29			
		M_E	10	16		4.3		
13	Rac.	eP_{NEZ}	10 18 16					SK-58 W-y Bonin, $\Delta=87.8^\circ$; USCGS: 27.7°N, 142.4°E, $H=10^h05^m24.3^s$, h=28 km
	✓	$ePcP_Z$	23					
		e_E	30					
		e_Z	43					
		F	26					
	War.	eL_N	10 51					Skł.Z nie rejestrowała
	✗	eL_E	53					
		F						w czasie zmiany papieru
	Kra.	eL_{NE}	10 52					
	✗	M_N	53 55	20	5.4			
		M_E	11 01 07	16		2.5		

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Data	Obserw.	Faza	G. M. T.	Okres T	Amplituda A_N A_E A_Z	Uwagi
			h m s	s	μ μ μ	
14	Cho.	e_N, i_Z	08 30 45.3		+	SK-58 Górny Śląsk
		e_E, i_Z	45.7			
		i_{NE}	46.3			
		M_{NEZ}	50	0.6	5.5 2.9 4.0	
		F	31 17			
	Rac.	e_{EZ}	08 31 18			SK-58; ślady
		F	33			
14	Rac.	e_{NEZ}	10 39 19			SK-58
		e_{NEZ}	32			
		F	41			
14	Cho.	e_N, i_{EZ}	23 29 52.1		+	SK-58 Górny Śląsk
		i_N	53.2			
		i_E	54.0			
		i_Z	54.3			
		i_Z	57.4			
		M_{NEZ}	59	1.1	3.4 4.0 3.5	
		i_E	30 01.8			
		i_E	05.1			
		i_N	07.1			
		F	31 03			
	Rac.	e_{NEZ}	23 29 59.0			SK-58
		e_{NE}	30 03.0			
		e_{NEZ}	06.0			
		e_{NE}	09.7			
		e_E	14.4			
		e_{NEZ}	18.4			
		e_Z	44.8			
		M_{NEZ}	57	1.5	0.4 0.4 0.4	
		F	33			
	Kra.	ei_{NE}	23 30 04			Chariny Skł.Z nie rejestrowała
		e_{NE}	07			
		ei_{NE}	14			

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Data	Obserw.	Faza	G. M. T. h m s	Okres T s	Amplituda A_N A_E A_Z μ μ μ	Uwagi
14/15	Cho.	e_Z	00 04 53			SK-58
		e_Z	05 34			Na skł. N i E -
		e_Z	09 07			ślady
		F	22			23 hr. 51 14 d ?
	Kra.	e_{NE}	00 05 00			
		e_{NE}	52			
		e_{NE}	07 54			
		e_{NE}	09 51			
		e_{NE}	15 28			
		ei_{NE}	16 15			
14/15	Rac.	e_Z	00 05 06			SK-58
		e_{NE}	08			
		e_Z	12			
		e_E	16			
		e_Z	22			
		e_{NE}	47			
		e_Z	06 02			
		e_{NE}	08			
		e_Z	07 07			
		F	27			
	War.	e_Z	00 15 09			
		i_N	22			
		e_N	16 08			
		e_E	27			
		e_E	17 41			
		e_Z	57			
		e_N	18 09			
		e_Z	22 52			
		e_E	23 17			
		eL_{NE}	28			
		eL_Z	38			
		F	01 29			

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Data	Obserw.	Faza	G. M. T.	Okres T	Amplituda A_N	A_E	A_Z	Uwagi
			h m s	s	μ	μ	μ	
16	Rac.	eP_Z	01 32 08					SK-58; ślady W-y Fox, Aleuty, $\Delta=79^{\circ}$; USCGS: $51.1^{\circ}N, 170.6^{\circ}W$, $H=01^h20^m02.2^s$, h=32 km
		F	35					
16	War.	eL_{NE}	18 38.5					Ślady, mikrosejsmy, N Atlantyk
		eL_Z	40.5					
		F						ginie w mikrosejsmach
17	Cho.	e_N, ei_Z	04 20 35.9					SK-58 Górny Śląsk Skł.E nie rejestrowała
		i_Z	37.2					
		M_{NZ}	39	0.9	2.5		2.2	
		F	21 06					
	Kra.	e_{NZ}	04 20 56					Chariny
		i_E	57					
		e_{NEZ}	21 01					
		e_{NEZ}	05					
	Rac.	e_{EZ}	04 20 57					SK-58
		e_{EZ}	21 06					
		e_Z	25					
		F	23					
17	Rac.	e_{EZ}	10 47 52					SK-58; ślady
		e_{EZ}	48 06					
		F	11 05					
17	Rac.	eP_Z	16 56 31					SK-58 Kuryle, $\Delta=75.5^{\circ}$; USCGS: $47.3^{\circ}N$, $153.6^{\circ}E$, $H=16^h44^m45.4^s$, h=15 km
		e_Z	33					
		$ePcP_Z$	45					
		F	59					
18	Rac.	e_{NZ}	01 55 18					SK-58
		e_E	21					

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Data	Obserw.	Faza	G. M. T.	Okres T	Amplituda A_N	A_E	A_Z	Uwagi
			h m s	s	μ	μ	μ	
18	Rac. /d.c./	e_{NEZ}	01 55 39					
		e_{NZ}	49					
		e_E	52					
		e_{NEZ}	56 16					
		e_{NZ}	25					
		e_Z	36					
		e_{NE}	57 12					
		F	59					
	Kra.	e_{NEZ}	01 55 57					Chariny, ślady
		e_{NEZ}	56 09					
18	Rac.	e_{NEZ}	02 00 33					SK-58
		e_{NE}	52					
		e_Z	56					
		e_{NEZ}	01 07					
		e_N	20					
		e_{NEZ}	34					
		e_{NE}	49					
		e_Z	55					
		e_{NEZ}	02 28					
		F	09					
	Kra.	e_{NEZ}	02 00 34					Chariny
		e_E	01 11					
		e_{NZ}	13					
18	War.	$eSKS_E$	18 44 28					Ślady, mikrosejsmy Mindaneo, Filipiny, $\Delta=92^\circ$; USCGS: $8.5^\circ N, 125.9^\circ E$, $H=18^h20^m43.3^s$, $h=36$ km
		$eSKKS_E$	42					
		eS_E	59					
		e_Z	47.21					
		eL_E	19 15.5					
		eL_{NZ}	17.5					
		F	34					

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Data	Obserw.	Faza	G. M. T. h m s	Okres T s	Amplituda A_N A_E A_Z μ μ μ	Uwagi
19	Kra.	e_{NEZ}	03 08 53			Chariny, ślady
		e_{NEZ}	09 03			
19	Rac.	e_{NEZ}	14 37 51			SK-58
		e_{NEZ}	38 07			
		e_{NEZ}	42			
		e_{NEZ}	50			
		e_E	39 03			
		e_{NZ}	05			
		e_{NE}	28			
		e_Z	35			
		e_Z	52			
		F	43			
20	Cho.	e_E, i_Z	23 47 05.2			SK-58 Górny Śląsk
		ei_Z	05.8			
		e_N	06.3			
		i_E	06.8			
		M_{NEZ}	10	0.8	3.5 3.5 3.0	
		F	35			
	Kra.	e_{NZ}	23 47 17			Chariny
		e_{NZ}, ci_E	28			
21	Cho.	e_Z	11 13 16.0			SK-58 Górny Śląsk
		e_E	16.4			
		i_N	17.3			
		i_N, e_E	18.7			
		i_Z	19.2			
		F	54			
	Rac.	e_{EZ}	11 13 31			SK-58
		e_{EZ}	49			
		e_Z	14 09			
		F	15			

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Data	Obserw.	Faza	G. M. T. h m s	Okres T s	Amplituda A_N μ	A_E μ	A_Z μ	U w a g i
21	Rac.	e_Z	14 59 42					SK-58
		F	15 02					
22	Kra.	e_{EZ}	03 13 49					Chariny
		e_N, ei_{EZ}	57					
	Rac.	e_{EZ}	03 13 57					SK-58
		e_{NEZ}	14 04					
		e_Z	07					
		e_Z	19					
		F	16					
22	Kra.	e_{NEZ}	04 09 21					Chariny Górny Śląsk
		e_{NEZ}	34					
		i_{NEZ}	45					
		e_{NEZ}	10 01					
	Cho.	i_Z	04 09 22.8					SK-58 Górny Śląsk
		e_{NE}	23.3					
		i_N	24.3					
		M_{EZ}	28	1.2		2.1	1.8	
		M_N	32	1.0	0.8			
		F	55					
	Rac.	e_Z	04 09 23.0					SK-58
		e_{NE}	34.4					
		e_{EZ}	48.2					
		e_N	50.4					
		e_{NEZ}	10 09.5					
		e_{NEZ}	22.8					
		F	12					
22	Rac.	e_Z	09 03 33					SK-58; ślady
		F	05					

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Data	Obserw.	Faza	G. M. T. h m s	Okres T s	Amplituda A_N A_E A_Z [μ]	Uwagi
22	Rac.	e_{NEZ}	10 46 28			SK-58
		e_{NEZ}	46			
		F	48			
22	Cho.	e_{NEZ}	14 04 44.5			SK-58 Górny Śląsk
		e_N	45.2			
		e_E	48.0			
		i_Z	48.4			
		i_E	49.6			
		M_{NEZ}	55	1.0	1.0 1.2 0.9	
		F	05 13			
	Kra.	ei_N, e_{EZ}	14 05 11			Chariny
		ei_N, e_{EZ}	17			
		e_{NEZ}	30			
	Rac.	e_Z	14 05 16			SK-58
		e_N	21			
		e_Z	24			
		e_E	36			
		F	56			
22	War.	$ePKP_{2Z}$	14 32 15			Ślady Kermadec, $\Delta = 152.5^o$; USCGS: $27.8^oS, 176.1^oW$, $H = 14^h12^m18.9^s$, h=60 km
		$ePKS_Z$	35			
22	War.	NEZ	21 24-22 11			Ślady
23	Cho.	ei_{NZ}	09 50 10.4			SK-58 Górny Śląsk Skł.E nie rejestrowała
		i_{NZ}	12.3			
		M_{NZ}	15	1.0	2.0 1.9	
		F	42			

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Data	Obserw.	Faza	G. M. T.	Okres T	Amplituda A_N A_E A_Z	Uwagi
			h m s	s	μ μ μ	
23	Rac.	e_{EZ}	09 50 45			SK-58
✓		e_E	51 04			
		e_Z	15			
		e_{EZ}	54 30			
		F	56			
23	Kra.	i_{NEZ}	12 48 52			Chariny
X		e_{NZ}	49 06			
24	Rac.	e_{NEZ}	02 34 02			SK-58
X		e_Z	07			
		e_Z	20			
		e_N	33			
		e_E	42			
		F	36			
24	Rac.	e_{EZ}	10 03 41			SK-58
X		e_Z	56			
		e_{EZ}	04 02			
		F	06			
25	Rac.	e_{EZ}	20 38 54			SK-58
✓		e_Z	39 06			
		F	42			
26	Kra.	e_Z	01 16 06			Chariny, ślady
X		e_{NEZ}	11			
	Rac.	e_{NZ}	01 16 07			SK-58
X		e_{NEZ}	13			
		e_{EZ}	42			
		e_Z	51			
		F	21			
26	Kra.	e_{NEZ}	01 56 54			Chariny
✓		ei_{NEZ}	57 00			

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Data	Obserw.	Faza	G. M. T. h m s	Okres T s	Amplituda A_N μ	A_E μ	A_Z μ	Uwagi
26	Kra. /d.c./	M_E	02 28 35	16		0.8		Golicyn-Wilip
		M_N	40	18	2.0			
	Rac.	e_{NZ}	01 56 55					SK-58
		e_{NEZ}	57 05					
		e_{EZ}	18					
		e_Z	44					
		F	02 01					
	War.	NEZ	02 18-47					Ślady, mikrosejsmy
28	Rac.	e_Z	02 22 58					SK-58; ślady
		e_Z	23 36					
		F	25					
28	Rac.	e_E	04 58 10					SK-58
		e_{NZ}	24					
		e_Z	36					
		e_E	52					
		F	05 00					
28	Kra.	e_{NEZ}	05 43 22					Chariny
	Rac.	e_{NEZ}	05 43 25					SK-58
		e_N	40					
		e_{EZ}	50					
		e_E	44 05					
		e_Z	12					
		F	46					
28	Cho.	e_Z	11 55 29.5					SK-58 Górny Śląsk
		e_E	29.8					
		e_N	30.7					
		e_E	31.7					
		e_Z	32.2					
		e_N	33.2					

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Data	Obserw.	Faza	G. M. T.	Okres T	Amplituda A_N	A_E	A_Z	Uwagi
			h m s	s	μ	μ	μ	
28	Cho. /d.c./	M_{EZ}	11 55 39	1.0		1.6	1.7	
		M_N	41	0.9	1.1			
		F	56 15					
	Kra.	e_{NZ}	11 55 36					Chariny
		e_{NZ}	57					
	Rac.	e_Z	11 55 47					SK-58 Górny Śląsk
		e_Z	56 14					
		F	58					
29	Rac.	e_Z	10 55 44					SK-58
		e_Z	50					
		F	11 01					
	War.	eL_{NEZ}	11 47.5					Początek w czasie zmiany papieru
		F	12 14					
29	Kra.	e_N	18 23 10					Chariny
		e_{NZ}	29					
	Rac.	e_Z	18 23 17					SK-58
		e_{NEZ}	20					
		e_N	29					
		e_Z	35					
		e_{EZ}	46					
		F	28					
	Cho.	e_Z	18 23 20					SK-58
		e_Z	31					
		e_Z	40					
	War.	eL_{NEZ}	18 28.5					Ślady; silne mikrosejsmy
		F	43					

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Data	Obserw.	Faza	G. M. T.	Okres T	Amplituda A_N A_E A_Z	Uwagi
			h m s	s	μ μ μ	
30	Rac.	e_N	09 01 31			SK-58
		e_Z	02 20			
		F	03			
30	Cho.	e_{EZ}	12 56 54.0			SK-58 Górny Śląsk
		e_N	54.8			
		i_N,ei_Z	55.3			
		M_{NEZ}	58	1.0	0.5 0.6 1.0	
		F	57 13			
	Rac.	e_{NE}	13 00 16			SK-58
		e_E	21			
		e_Z	29			
		e_Z	38			
		F	01			
30	Rac.	e_{NEZ}	14 15 21			SK-58
		e_{NE}	25			
		e_{EZ}	31			
		F	17			
31	Rac.	e_{NZ}	10 01 21			SK-58
		e_E	22			
		e_Z	24			
		e_Z	51			
		F	03			

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