S O L A R R A D I O E M I S S I O N
Spectral Observations

SEPTEMBER 2000

OBSERVATION Day	Start (UT)	End (UT)	Sta	EVENT Start (UT)	End (UT)	Spectral Class	Event Remarks	Int (1-3)	FREQUENCY Lower (MHz)	Upper (MHz)	Remarks
01	0000	0906	HIRA								
	0000	0730	CULG	0035.0	0600.0	I	S	1	110	170	
			CULG	0121.0	0134.0	III	N	1	30	180	
			CULG	0203.0	0211.0	III	G	1	28	170	
			CULG	0407.0	0407.0	III	B	1	23	180	
	0445	1715	BLEN	0445 X	1030.0	I	DC	2	220	330	
			CULG	0459.0	0500.0	III	G	2	23	160	
			LEAR	0459.0	0500.0	III		1	25	146	
			CULG	0509.0	0511.0	III	G	1	40	100	
	0525	1636	ONDR								
			CULG	0558.0	0600.0	III	G	1	28	160	
	0558	1200	IZMI	0558.6	0559.8	I	GG	2	120	160	
			BLEN	0600.0	0607.5	DCIM	C	1	250	350	
			SVTO	0607.0	0607.0	III		1	27	51	
			IZMI	0607.1	0608.9	I	GG,DS	2	225	270X	
			CULG	0638.0	0645.0	III	G	1	30	130	
			IZMI	0658.6	0658.8	III	G	2	30	135	
			CULG	0700.0	0700.0	III	B	1	30	130	
			IZMI	0702.3	0703.4	I	GG	2	110	120	
			IZMI	0758.3	0758.4	UNCLF	FS	2	45	60	
			IZMI	0827.6	0833.9	III	GG	2	45	160	
			IZMI	0828.4	0833.4	I	N	2	120	160	
			LEAR	0830.0	0831.0	III		1	53	116	
			IZMI	0838.0U	0910.0U	I	N	2	80	120	
			IZMI	0839.3	0840.5	III	G	1	100	240	
			LEAR	0849.0	0849.0	III		1	25	125	
			SVTO	0849.0	0849.0	III		2	25	63	
			IZMI	0849.6	0849.9	III	G	2	25X	190	
			LEAR	0905.0	0905.0	III		1	25	138	
			IZMI	0905.4	0905.8	III	G	2	25	145	
			IZMI	0909.5	0910.0	UNCLF		1	45	95	
			IZMI	1113.3	1113.4	III	B	1	105	180	
			IZMI	1134.1	1134.3	III	B	2	30	90	
			IZMI	1151.1	1151.6	III	GG	2	150	270X	
			BLEN	1151.6	1221.8	III	GG	2	220	550	
			SVTO	1304.0	1305.0	III		2	25U	40U	
			SGMR	1534.0	1535.0	III		1	30	65	
			HOLL	1645.0	1649.0	III		1	25	63	
			SGMR	1645.0	2206.0	III	N	1	30	70	
			HOLL	1816.0	1819.0	III		1	25	73	
			HOLL	1821.0	1842.0	II		2	25	90	ESS 0378
			PALE	1822.0	1840.0	II		2	25	90	ESS 0525
			SGMR	1827.0	1836.0	II		2	30	75	ESS 0500
			PALE	1833.0	1840.0	II		2	25	90	ESS 0525
			HOLL	1847.0	1854.0	II		1	25	48	ESS 0465
			PALE	1847.0	1851.0	II		1	30	50	ESS 0500
			SGMR	1847.0	1852.0	II		2	30	52	ESS 0500
	2045	2400	CULG	2105.0	2105.0	III	B	1	30	60	
			HOLL	2252.0	2254.0	III		1	25	92	
			CULG	2253.0	2253.0	III	B	1	20	90	
			PALE	2253.0	2253.0	III		1	25	70	
			HOLL	2341.0	2342.0	III		1	25	152	
			LEAR	2341.0	2342.0	III		1	25	180	
			CULG	2342.0	2342.0	III	G	1	20	180	
	2009	2400	HIRA	2342.0	2342.5	III	B	1	25X	180	
02	0000	0905	HIRA								
	0000	0730	CULG	0008.0	0008.0	III	B	1	20	90	
			CULG	0131.0	0204.0	III	N	1	23	100	
			LEAR	0131.0	0131.0	III		1	25	109	
			CULG	0240.0	0244.0	III	G	1	23	150	
			CULG	0336.0	0336.0	III	B	1	30	80	
			SVTO	0453.0	0454.0	III		2	25	180	
			CULG	0455.0	0457.0	III	G	1	30	170	
			CULG	0502.0	0530.0	I	S	1	110	170	
			SVTO	0513.0	0513.0	III		1	25	49	
			CULG	0514.0	0514.0	III	B	1	28	120	
			LEAR	0559.0	0600.0	III		2	25	180	
			SVTO	0559.0	0821.0	III	N	1	25	120	

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Day	OBSERVATION Start (UT)	OBSERVATION End (UT)	Sta	EVENT Start (UT)	EVENT End (UT)	Spectral Class	Event Remarks	Int (1-3)	FREQUENCY Lower (MHz)	FREQUENCY Upper (MHz)	Remarks
02	0559	1200	IZMI	0559.7E	0600.0	III	G	2	25X	120	
			CULG	0600.0	0600.0	III	B	2	20	180	
			IZMI	0608.0U	1200.0D	I	N	2	105	270	
			IZMI	0608.4	0609.1	III	G	1	45	90	
			CULG	0616.0	0619.0	III	G	1	28	80	
			IZMI	0616.6	0619.2	III	GG	2	45	95	
			LEAR	0629.0	0629.0	III		1	33	118	
			IZMI	0629.6	0630.2	III	G	2	45X	170	
			CULG	0630.0	0630.0	III	B	1	25	120	
			IZMI	0640.6	0642.3	III	G	1	45	90	
			IZMI	0717.0	0717.4	III	G	1	45	145	
			CULG	0724.0	0725.0	III	G	1	30	90	
	0559	1200	IZMI	0724.6	0727.6	III	GG	1	45	100	
			SVTO	0726.0	0727.0	III		2	25	177	
			IZMI	0735.4	0736.1	III	GG	1	60	100	
			IZMI	0740.9	0748.0	III	GG	2	45	140	
			IZMI	0755.4	0755.5	III	B	1	45X	95	
			IZMI	0814.3	0819.1	III	N	1	45	95	
			SVTO	0853.0	0853.0	III		2	25	170	
			IZMI	0853.7	0854.0	III	B	2	45	95	
			SVTO	0907.0	0907.0	III		1	28U	82U	
			IZMI	0907.2	0907.5	III	G	2	40	100	
			LEAR	0937.0	0943.0	III		2	25	180	
			SVTO	0937.0	0943.0	III		3	25	180	
			IZMI	0937.1	0943.2	III	GG,C	2	25X	270X	
	0545	1715	BLEN	0937.6	0943.3	III	GG	2	220	400	
			IZMI	0946.1	0948.2	III	GG,FS	2	45X	135	
			IZMI	1003.2	1008.8	III	GG	1	45	250	
			IZMI	1022.2	1023.4	III	GG	2	45	240	
			SVTO	1024.0	1025.0	III		1	28U	82U	
			IZMI	1024.4	1025.7	III	GG	2	30	160	
			IZMI	1132.3	1138.1	III	GG	2	25X	215	
			IZMI	1147.7	1150.3	III	GG	2	45X	170	
			IZMI	1152.4	1156.5	III	GG	2	45	190	
			HOLL	1431.0	1440.0	III		2	25	180	
			SGMR	1431.0	1439.0	III		3	30	80	
			SVTO	1431.0	1440.0	III		2	25	163	
			HOLL	1524.0	1525.0	III		1	25	84	
			HOLL	1541.0	1547.0	III		2	25	160	
	0526	1634	ONDR	1544.5	1545.0	DCIM	G	2	800X	1077	
			HOLL	1549.0	1552.0	III		1	25	166	
			SGMR	1701.0	1709.0	III		1	30	70	
			HOLL	1702.0	1709.0	III		1	25	86	
			HOLL	2115.0	2124.0	III		1	25	86	
			PALE	2115.0	2131.0	III		2	25	180	
			SGMR	2115.0	2130.0	III	N	1	30	80	
	2010	2400	HIRA	2116.0	2131.0	III	G	1	25X	200	
	2045	2400	CULG	2116.0	2124.0	III	GG	2	25	100	
			CULG	2122.0	2122.0	III	B	3	25	90	
			CULG	2127.0	2131.0	III	G	2	25	180	
			CULG	2136.0	2400.0D	I	S	1	130	170	
03	0000	0903	HIRA								
	0000	0730	CULG	0000.0E	0439.0	I	S	1	110	160	
			LEAR	0242.0	0410.0	CONT		1	87	180	
	0527	1631	ONDR								
			IZMI	0559.0E	0745.0U	I	N	1	70	260	
	0550	1705	BLEN	0958.9	1000.0	III	GG	2	220	350	
	2010	2400	HIRA								
	2045	2400	CULG	2337.0	2337.0	III	B	1	45	100	
			CULG	2358.0	2358.0	III	B	1	30	70	
04	0000	0902	HIRA								
	0550	1705	BLEN								
			IZMI	0656.0	0656.2	III	B,C	2	45	100	
	0000	0730	CULG	0656.0	0656.0	III	B	1	20	90	
			IZMI	0756.7	0756.9	III	B	2	45	95	
	0529	1629	ONDR	1003.3	1004.2	DCIM	GG,SP	2	964	1189	
			ONDR	1143.1	1143.3	DCIM	G,SP	2	809	1025	

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Day	OBSERVATION Start (UT)	End (UT)	Sta	EVENT Start (UT)	End (UT)	Spectral Class	Event Remarks	Int (1-3)	FREQUENCY Lower (MHz)	Upper (MHz)	Remarks
04			SVTO	1146.0	1148.0	III		1	33	75	
			ONDR	1152.4	1153.3	DCIM	G,SP	2	1189	1588	
			SVTO	1210.0	1212.0	V		1	30	76	
			SVTO	1210.0	1300.0	CONT		1	30	76	
			HOLL	1859.0	1901.0	III		1	25	180	
			PALE	1900.0	1901.0	III		1	25	160	
	2011	2400	HIRA	2040.0	2040.5	III	B	1	180	290	
			LEAR	2343.0	2353.0	III		1	70	180	
			HIRA	2346.5	2347.0	III	B	1	120	230	
	2045	2400	CULG	2351.0	2351.0	III	G	1	60	160	
			HIRA	2354.0	2357.5	III	G	1	70	280	
05	0000	0730	CULG	0156.0	0156.0	III	B	1	35	90	
			CULG	0358.0	0400.0	III	G	1	40	680	
	0000	0900	HIRA	0358.5	0359.0	III	B	2	50	800	
			HIRA	0402.5	0417.0	IV		2	200	700	
			CULG	0403.0	0403.0	III	B	1	35	650	
			CULG	0403.0	0416.0	UNCLF		1	330	660	
	0530	1627	ONDR								
	0600	1200	IZMI	0600.0E	1200.0D	I	N	1	200	240	
			SVTO	1021.0	1022.0	III		1	27	49	
			IZMI	1021.6	1021.8	III	G	2	30	95	
			IZMI	1106.5	1107.5	III	GG	1	30	270X	
			BLEN	1213.4	1239.3	III	GG,S	2	220X	380	
	0600	1705	BLEN	1213.4	1213.9	III	GG	2	220	350	
			SVTO	1238.0	1238.0	III		2	25	85	
	2012	2400	HIRA								
	2045	2400	CULG	2045.0E	2125.0	III	N	1	30	120	
			CULG	2306.0	2306.0	III	B	1	30	110	
06			LEAR	0012.0	0012.0	III		1	38	129	
	0000	0730	CULG	0012.0	0012.0	III	B	1	30	130	
			CULG	0046.0	0210.0	I	S	1	110	170	
			LEAR	0134.0	0405.0	CONT		1	70	98	
			CULG	0212.0	0332.0	III	N	1	30	160	
			CULG	0442.0	0442.0	III	B	1	30	140	
	0532	1625	ONDR								
			CULG	0549.0	0550.0	III	G	2	28	300	
			SVTO	0549.0	0550.0	III		1	25	88	
	0550	1705	BLEN	0549.3	0549.9	III	GG,S	3	220X	510	
	0000	0859	HIRA	0549.5	0550.5	III	B	2	50	500	
	0559	1200	IZMI	0612.0U	1111.0U	III	N	1	45	95	
			IZMI	0724.0U	1137.0U	I	N	1	110	270	
			HIRA	0749.5	0750.0	III	B	1	50	110	
			IZMI	0803.4	0806.9	III	G	1	45	95	
			IZMI	0922.0	0923.1	III	G	1	45	260	
			IZMI	0928.6	0929.2	III	G	1	45	95	
			SVTO	1014.0	1014.0	III		1	26	40	
			IZMI	1014.3	1014.4	III	B	2	40	100	
			SVTO	1040.0	1040.0	III		1	25	83	
			IZMI	1040.4	1041.2	III	G,FS,C	2	35	160	
			IZMI	1116.8	1117.4	UNCLF		2	85	215	
			IZMI	1139.3	1140.3	III	GG	2	150	260	
			IZMI	1146.9	1147.0	III	B	2	95	140	
			IZMI	1156.0	1156.5	III	G	1	45X	95	
			PALE	1903.0	2053.0	III	N	1	25	110	
			SGMR	1903.0	1904.0	III		1	30	70	
	2013	2400	HIRA								
	2045	2400	CULG								
07	0000	0857	HIRA	0441.0	0459.5	III	G	2	25X	500	
	0533	1623	ONDR								
			LEAR	0547.0	0552.0	III		1	25	123	
			SVTO	0547.0	0552.0	III		1	25	123	
	0000	0730	CULG	0547.0	0552.0	III	G	1	23	140	
	0550	1705	BLEN								
			CULG	0634.0	0636.0	III	G	2	25	170	
			SVTO	0634.0	0636.0	III		2	25	153	
	0603	1200	IZMI	0634.3	0634.4	III	B	2	45	100	

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OBSERVATION Day	Start (UT)	End (UT)	Sta	EVENT Start (UT)	End (UT)	Spectral Class	Event Remarks	Int (1-3)	FREQUENCY Lower (MHz)	Upper (MHz)	Remarks
07			LEAR	0635.0	0636.0	III		3	25	180	
			IZMI	0635.4	0635.9	III	G	2	25X	270X	
			HIRA	0635.5	0636.0	III	B	3	25X	190	
			IZMI	0635.6	0636.7	V	G	2	45	65	
			CULG	0728.0	0728.0	III	B	1	55	140	
			IZMI	0728.0	0728.8	III	G	2	25	70	
			LEAR	0728.0	0728.0	III		1	25	108	
			SVTO	0728.0	0728.0	III		1	25	82	
			IZMI	0745.5	0745.6	III	B	1	45	60	
			IZMI	0806.0	0806.3	III	G	2	40	95	
			LEAR	0806.0	0813.0	III		1	25	92	
			SVTO	0806.0	0819.0	III	N	1	25	82	
			IZMI	0813.4	0813.8	III	G	2	40	95	
			IZMI	0818.9	0819.4	III	G	2	25	75	
			IZMI	1126.8	1127.4	III	G	2	25	160	
			SGMR	1127.0	1127.0	III		1	30	70	
			SVTO	1127.0	1127.0	III		1	25	82	
			IZMI	1131.8	1131.9	III	B	1	45	90	
			IZMI	1135.8	1136.4	III	G	2	45	265	
			IZMI	1143.2	1143.8	III	G	2	45	170	
			IZMI	1156.6	1156.7	III	B	1	45	65	
			HOLL	1539.0	1544.0	III		1	25	121	
			SVTO	1539.0	1544.0	III		1	25	83	
			SGMR	1540.0	1541.0	III		2	30	70	
			HOLL	2036.0	2036.0	III		1	75	180	
			PALE	2036.0	2038.0	III		1	25	180	
			SGMR	2036.0	2036.0	III		2	30	80	
	2013	2400	HIRA	2037.0	2037.5	III	B	2	60	270	
			HOLL	2043.0	2056.0	II		1	43	180	ESS 0500
			SGMR	2045.0	2047.0	III		2	50	80	
			HIRA	2045.5	2102.0	II		3	50	160	
			CULG	2046.0	2052.0	II	FN	2	30	90	
	2040	2400	CULG	2046.0	2105.0	II	SH	2	30	180	ESS 500
			CULG	2053.0	2103.0	III	GG	3	35	180	
			SGMR	2053.0	2057.0	II		2	30	80	ESS 0600
			CULG	2200.0	2400.0D	I	S	1	110	170	
			LEAR	2244.0	0341.0	CONT		1	73	180	
			CULG	2254.0	2335.0	III	N	1	30	120	
08	0000	0730	CULG	0000.0E	0050.0	I	S	1	120	170	
			CULG	0150.0	0153.0	III	G	1	35	90	
			CULG	0505.0	0530.0	III	N	1	30	90	
	0535	1621	ONDR								
			CULG	0544.0	0552.0	III	G	1	30	180	
			LEAR	0544.0	0551.0	III		1	37	180	
			SVTO	0544.0	0552.0	III		1	36	162	
	0000	0856	HIRA	0544.0	0545.0	III	B	1	80	120	
	0551	1200	IZMI	0551.0E	0842.0U	I	N	2	140	270	
			IZMI	0551.3	0552.0	III	G	2	45	195	
			IZMI	0623.6	0623.9	III	G	1	70	95	
			IZMI	0635.4	0635.7	III	G	2	65	135	
			SVTO	0728.0	0746.0	III	N	1	25	75	
			IZMI	0746.4	0746.6	III	B	1	35	65	
			IZMI	0853.4	0854.2	III	G,C,FS	2	45	175	
			IZMI	0921.0	0921.1	III	B	2	95	160	
	0555	1705	BLEN	1015.0	1345.0	I	DC	1	250	350	
			IZMI	1015.2	1015.5	III	G	2	55	270	
			SVTO	1100.0	1102.0	III		1	25	148	
			IZMI	1110.4	1110.6	III	B	1	40	60	
			SVTO	1111.0	1111.0	III		1	47	180	
			IZMI	1111.3	1111.8	III	GG	2	45	270X	
			IZMI	1129.9	1130.2	III	G	2	90	250	
			SVTO	1217.0	1235.0	III	N	1	25	82	
	2014	2400	HIRA								
	2030	2400	CULG								
09			LEAR	0040.0	0042.0	III		1	38	180	
			PALE	0041.0	0042.0	III		1	40	180	
	0000	0735	CULG	0041.0	0043.0	III	G	2	40	180	

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OBSERVATION Day	Start (UT)	End (UT)	Sta	EVENT Start (UT)	End (UT)	Spectral Class	Event Remarks	Int (1-3)	FREQUENCY Lower (MHz)	Upper (MHz)	Remarks
09	0000	0855	HIRA	0042.0	0042.5	III	B	2	50	290	
			LEAR	0326.0	0328.0	III		2	25	180	
			PALE	0326.0	0328.0	III		1	25	180	
			HIRA	0326.5	0327.0	III	B	2	50	250	
			CULG	0327.0	0329.0	III	G	2	20	220	
	0545	1700	BLEN	0550.7	0551.3	III	G,RS	2	220X	550X	
	0559	1210	IZMI	0641.3	0641.4	III	G	1	40	120	
			ONDR	0829.2	0838.0	DCIM	GG	3	800X	2000X	
	0536	1619	ONDR	0830.4	0848.3	DCIM	G	1	2000X	4500X	
			BLEN	0831.0	0837.3	III	GG,RS	3	240	380	
			IZMI	0832.0	0832.1	III	G,FS	1	190	270X	
			BLEN	0832.4	0842.8	DCIM	C	2	220X	550X	
			HIRA	0834.0	0846.0	II		3	80	1100	
			IZMI	0835.3	0856.0	II	HARM	3	25	270U	
			BLEN	0835.5	0838.7	II		3	220X	270	
			SVTO	0837.0	0855.0	II		2	30	180	ESS 1262
			IZMI	0837.5U	0848.0U	CONT		1	110U	270X	
			IZMI	0841.0	0841.6	III	B	2	45	200	
			LEAR	0842.0	0855.0	II		2	25	180	ESS 0927
			IZMI	0854.6	0925.0	I	N	1	70	160	
			HOLL	1624.0	1625.0	III		1	25	86	
	2015	2400	HIRA								
	2030	2400	CULG								
10	0000	0735	CULG								
	0000	0853	HIRA								
	0538	1617	ONDR								
	0545	1700	BLEN								
			HOLL	1521.0	1522.0	III		1	25	60	
			SGMR	1521.0	1521.0	III		1	30	60	
			SVTO	1521.0	1521.0	III		1	28	56	
	2025	2400	CULG								
	2016	2400	HIRA	2225.0	2225.5	III	B	1	30	450	
11	0000	0735	CULG								
	0539	1615	ONDR								
	0000	0851	HIRA	0721.5	0722.0	III	B	1	50	500	
	0610	1650	BLEN	0918.6	0919.6	III	GG,RS	2	230	350	
	0604	1200	IZMI	0918.8	0919.5	III	G	2	190	270X	
			BLEN	1305.9	1307.5	III	GG,U	3	240	450	
	2017	2400	HIRA								
	2025	2400	CULG								
12	0000	0735	CULG								
	0000	0850	HIRA								
	0540	1613	ONDR								
	0610	1115	BLEN								
	0551	1254	IZMI	0901.8	0902.0	III	G	1	45	95	
			IZMI	1133.0	1149.8	II	HARM,FS	2	25X	180	
			IZMI	1137.0U	1144.3	III	S	1	160	270X	
			SGMR	1142.0	1147.0	II		2	30	60	ESS 1800
			SVTO	1143.0	1152.0	II		1	25	48	ESS 1029
			IZMI	1151.2	1231.4U	I	N	1	80	270X	
			SVTO	1152.0	1156.0	III		2	60U	75U	
			IZMI	1152.2	1211.5	III	GG,DS	2	25X	250	
			SGMR	1206.0	1210.0	V		2	30	80	
			SVTO	1207.0	1213.0	II		1	25	45	ESS 0719
			SVTO	1216.0	1224.0	III		1	25	40	
	2018	2400	HIRA								
	2025	2400	CULG	2237.0	2241.0	III	G	1	50	100	
13	0000	0848	HIRA								
			LEAR	0214.0	0338.0	CONT		1	47	129	
	0000	0740	CULG	0214.0	0249.0	III	S	1	40	140	
	0542	1610	ONDR								
	0610	0750	BLEN								
			SVTO	0655.0	0655.0	III		2	68	175	
			SVTO	0655.0	0655.0	III		2	113	175	
	0600	1216	IZMI	0807.8	0808.6	III	G	1	45	65	

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13			IZMI	0843.0	0843.5	III	B,RS	1	25X	45	
			SVTO	0843.0	0847.0	III		2	25	56	
			LEAR	0845.0	0847.0	III		1	25	80	
			IZMI	0845.8	0847.2	III	G,U	2	25X	65	
			SGMR	1729.0	1742.0	III	N	1	30	70	
			PALE	1742.0	1742.0	III		1	25	62	
	2020	2400	CULG	2124.0	2126.0	III	G	1	30	80	
			HOLL	2202.0	2203.0	III		1	25	89	
			PALE	2202.0	2203.0	III		1	25	55	
			CULG	2203.0	2204.0	III	G	2	20	100	
			CULG	2235.0	2237.0	III	G	3	18	300	
			HOLL	2235.0	2237.0	III		1	25	180	
			LEAR	2235.0	2237.0	III		1	25	180	
			PALE	2235.0	2236.0	III		1	25	180	
	2019	2400	HIRA	2235.0	2236.0	III	G	3	25X	280	
			CULG	2250.0	2356.0	III	N	1	23	130	
			LEAR	2250.0	1000.0	III	N	1	25	180	
			HOLL	2349.0	2351.0	III		1	25	180	
			CULG	2350.0	2352.0	III	G	1	18	180	
			HIRA	2350.0	2351.5	III	G	2	30	210	
14	0000	0740	CULG	0007.0	0015.0	III	G	1	30	180	
			CULG	0043.0	0045.0	III	G	1	28	160	
			CULG	0050.0	0051.0	III	G	1	30	150	
			CULG	0104.0	0106.0	III	G	1	30	90	
			CULG	0134.0	0300.0	III	N	1	28	160	
			CULG	0300.0	0740.0D	III	S,C	1	23	180	
			CULG	0309.0	0311.0	III	G	2	28	280	
	0000	0847	HIRA	0309.0	0309.5	III	B	2	50	200	
			LEAR	0455.0	1000.0	CONT		1	25	180	
			CULG	0501.0	0513.0	III	GG	2	18	180	
			SVTO	0502.0	1639.0	CONT		2	25	179	
			HIRA	0507.0	0511.0	III	G	2	50	190	
	0610	1650	BLEN	0545 X	1530 X	I	DC	2	220X	400	
	0558	1202	IZMI	0558.0E	1202.0D	I	S,C	2	45U	270X	
			IZMI	0624.0U	1202.0D	III	N	2	25X	180U	
			IZMI	0812.1	0816.1	III	GG,FS	2	25X	190	
			BLEN	0812.5	0815.0	III	GG	2	220X	400	
			IZMI	0838.3	0842.6	III	GG	2	25X	260	
			IZMI	0948.3	0957.1	III	GG,DS	2	30	260	
			IZMI	0957.8	1002.4	III	GG	2	30	190	
			IZMI	1005.2	1017.4	III	GG	2	30	160	
			SGMR	1042.0	1106.0	III	N	2	30	80	
			SVTO	1042.0	1058.0	III		2	25	169	
			IZMI	1042.7	1043.7	III	GG	2	25X	145	
			IZMI	1053.2	1115.9	III	S	2	25X	270X	
			BLEN	1053.6	1113.3	III	GG	2	220X	530	
			SGMR	1208.0	2233.0	CONT		2	30	80	
			HOLL	1322.0	0044.0	CONT		1	25	180	
			HOLL	1443.0	1546.0	III	N	2	25	180	
			SGMR	1443.0	1504.0	III	N	3	30	80	
			ONDR	1443.2	1504.1	DCIM	GG	2	800X	2000X	
	0543	1607	ONDR	1443.2	1501.0	DCIM	GG	2	2000X	4256	
			BLEN	1443.5	1504.8	DCIM	P	3	220X	550X	
			ONDR	1540.1	1540.3	DCIM	G	2	1081	2000X	
			ONDR	1546.3	1546.5	DCIM	G	1	1344	2000X	
			PALE	1635.0	2230.0	CONT		1	25	180	
			HOLL	1853.0	2228.0	III	N	1	25	180	
	2019	2400	HIRA								
			CULG	2020.0E	2237.0	I	S,C	2	60	180	
	2020	2400	CULG	2020.0E	2400.0D	III	S,C	1	20	160	
			CULG	2047.0	2047.0	III	B	2	28	180	
			CULG	2144.0	2147.0	III	G	2	23	140	
			CULG	2159.0	2200.0	III	G	2	28	170	
			PALE	2230.0	0419.0	III	N	1	25	180	
			CULG	2237.0	2400.0D	I	S,C	1	80	180	
			LEAR	2237.0	1000.0	CONT		1	25	180	
			PALE	2349.0	2351.0	III		1	25	130	

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15			CULG	0000.0E	0024.0	I	S,C	1	80	180	
	0000	0745	CULG	0000.0E	0127.0	III	S,C	1	30	150	
			HOLL	0010.0	0012.0	III		1	25	180	
			CULG	0011.0	0012.0	III	G	2	28	140	
	0000	0845	HIRA	0011.0	0011.5	III	B	2	50	120	
			CULG	0024.0	0745.0D	I	S,C	2	80	200	
			CULG	0127.0	0745.0D	III	S,C	2	20	400	
			CULG	0142.0	0144.0	III	G	3	18	250	
			LEAR	0142.0	1000.0	III	N	3	25	180	
			CULG	0147.0	0149.0	III	G	3	18	140	
			CULG	0318.0	0319.0	III	G	3	18	230	
			CULG	0450.0	0501.0	III	GG	3	18	300	
			SVTO	0450.0	1637.0	CONT		3	27	180	
			CULG	0508.0	0509.0	III	G	1	700	1000	
			CULG	0512.0	0513.0	III	G	3	23	230	
			CULG	0512.0	0515.0	II	SH	3	60	100	
			CULG	0520.0	0524.0	III	G	3	40	160	
			CULG	0526.0	0529.0	III	G	3	18X	330	
			CULG	0551.0	0553.0	III	G	3	20	650	
			SVTO	0551.0	0601.0	III		2	25	180	
	0545	1650	BLEN	0551.6	0553.1	III	GG,S	3	220X	550X	
			IZMI	0552.0E	1200.0D	I	S,C	2	40	270X	
	0552	1200	IZMI	0552.0E	1200.0D	III	N	2	40	270X	
			IZMI	0552.3	0552.9	III	GG	2	25X	270X	
			BLEN	0555.8	1530 X	DCIM	P,F,Z	3	220X	550X	
			CULG	0556.0	0601.0	III	GG	3	18X	1000	
			IZMI	0556.2	0601.7	III	GG	2	25X	270X	
			HIRA	0557.0	0558.0	III	B	3	25X	800	
			IZMI	0602.8	0604.5	III	GG	2	30	270X	
			IZMI	0720.9	0730.4	I	GG,DS	2	30	65	
			SVTO	0722.0	0730.0	V		2	25	180	
	0545	1606	ONDR	0722.4	0729.4	DCIM	GG	2	800X	2000X	
			IZMI	0723.0	0732.1	III	GG,FS	2	25X	270X	
			CULG	0725.0	0726.0	III	G	3	23U	900	
			IZMI	0737.6	0742.6	III	GG,C	3	25X	270X	
			ONDR	0738.2	0751.5	DCIM	GG	2	800X	2000X	
			CULG	0741.0	0742.0	III	G	3	23U	700	
			SVTO	0741.0	0749.0	V		3	25	180	
			IZMI	0745.4	0752.7	III	GG	2	25X	270X	
			IZMI	0804.7	0808.9	III	GG	2	25X	270X	
			ONDR	0805.3	0807.4	DCIM	GG	2	800X	2000X	
			IZMI	0813.0	0827.0	III	S,C	2	25X	270X	
			SVTO	0814.0	1442.0	III	N	3	25	180	
			ONDR	0814.4	0833.4	DCIM	GG	3	800X	2000X	
			IZMI	0818.0U	1200.0D	CONT		2	95	180	
			ONDR	0820.3	0823.3	DCIM	G	1	2000X	4500X	
			ONDR	0845.5	0848.0	DCIM	GG	2	800X	1817	
			IZMI	0845.7	0847.6	III	GG	2	80	270X	
			IZMI	0936.2	1027.2	III	S,C	2	25X	270X	
			ONDR	0944.4	0955.1	DCIM	GG	2	800X	2000X	
			IZMI	0944.8	1000.7	CONT		2	120	270X	
			SVTO	0946.0	0956.0	III		2	25	180	
			ONDR	0948.0	0957.3	DCIM		1	2000X	4500X	
			IZMI	0951.0	0955.0	I	S,FS	2	25X	90	
			ONDR	1007.2	1012.4	DCIM	G	1	800X	1962	
			IZMI	1032.0	1118.3	III	S,C	2	25X	270X	
			ONDR	1035.3	1049.1	DCIM	GG	1	800X	1761	
			SGMR	1044.0	2231.0	CONT		3	30	80	
			IZMI	1045.0	1120.0U	CONT		2	120	270X	
			ONDR	1050.4	1118.4	DCIM	GG	2	800X	2000X	
			IZMI	1052.4	1058.7	III	GG,FS	2	25X	110	
			ONDR	1053.2	1057.2	DCIM	G	2	2000X	4500X	
			HOLL	1321.0	1335.0	III		2	25	180	
			ONDR	1323.2	1325.3	DCIM	GG	2	800X	1278	
			HOLL	1430.0	1438.0	III		2	25	180	
			SGMR	1430.0	1438.0	V		3	30	80	
			ONDR	1431.0	1443.5	DCIM	GG	2	800X	2000X	
			ONDR	1431.0	1445.0	DCIM	G	2	2000X	4500X	
			SVTO	1432.0	1438.0	III		3	25	180	

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15			PALE	1652.0	1713.0	II		2	25	180	ESS 0600
			PALE	1714.0	1722.0	III		1	25	180	
			PALE	1747.0	0418.0	III	N	2	25	180	
			CULG	2015.0E	2400.0D	I	S,C	2	60	160	
	2015	2400	CULG	2015.0E	2400.0D	III	S,C	2	23	200	
	2020	2400	HIRA								
			HOLL	2051.0	2059.0	III		2	25	180	
			CULG	2052.0	2100.0	III	GG	3	23U	800	
			PALE	2052.0	0418.0	CONT		2	25	180	
			PALE	2052.0	2059.0	III		3	25	180	
			CULG	2104.0	2111.0	III	GG	2	23U	360	
			LEAR	2236.0	0433.0	CONT		3	25	180	
16			CULG	0000.0E	0745.0D	I	S,C	2	60	170	
	0000	0745	CULG	0000.0E	0745.0D	III	S,C	1	20	180	
			CULG	0006.0	0009.0	III	G	2	18	120	
			HOLL	0026.0	0029.0	III		1	25	180	
			LEAR	0026.0	0027.0	III		3	25	180	
			CULG	0027.0	0027.0	III	B	3	18	130	
			CULG	0050.0	0050.0	III	B	2	18	500	
			CULG	0335.0	0350.0	III	GG	3	18	800	
			LEAR	0335.0	0340.0	III		3	25	180	
	0000	0843	HIRA	0335.0	0337.0	III	G	2	25X	110	
			CULG	0411.0	0415.0	III	G	3	18X	1400	
			HIRA	0411.0	0423.0	II		3	25X	800	
			LEAR	0412.0	0417.0	III		3	25	180	
			CULG	0416.0	0428.0	II	SH,H	3	30	150	ESS 1100
			CULG	0417.0	0427.0	II	FN,H	2	20	70	
			LEAR	0417.0	0433.0	II		2	25	180	ESS 0773
			CULG	0422.0	0745.0D	IV		2	20	1300	
			HIRA	0422.0	0436.0	IV		3	100	1100	
			LEAR	0433.0	1001.0	IV		3	25	180	
	0545	1650	BLEN	0548.5	0606.5	DCIM	P,Z	3	220X	550X	
	0550	1200	IZMI	0550.0E	1200.0D	I	S,C	2	25X	270X	
			IZMI	0556.0	0559.5	III	GG	2	95	270X	
			CULG	0558.0	0600.0	III	G	3	23	780	
			LEAR	0558.0	0600.0	III		2	25	180	
			SVTO	0558.0	0600.0	III		2	25	180	
			IZMI	0620.0U	1200.0D	III	N	2	25X	270X	
			IZMI	0638.9	0639.2	III	GG	2	25X	270	
			CULG	0639.0	0639.0	III	B	3	23	240	
			LEAR	0639.0	0652.0	III	N	2	25	180	
			SVTO	0639.0	0653.0	III	N	2	25	180	
			BLEN	0647.0	0709.8	DCIM	P	3	220X	550X	
			CULG	0648.0	0655.0	III	GG	3	23	680	
			IZMI	0650.6	0654.3	III	GG	2	25X	270X	
			IZMI	0750.7	0752.3	III	GG	2	110	270X	
			IZMI	0816.0	0818.2	III	GG	2	25X	270X	
			BLEN	0816.9	1530 X	DCIM	P,S	3	220X	550X	
			LEAR	0817.0	0818.0	III		2	25	180	
			SVTO	0817.0	0817.0	III		3	25	180	
			IZMI	0852.8	0911.0U	III	S,C	2	25X	270X	
			SVTO	0856.0	0909.0	III	N	2	25	180	
			LEAR	0859.0	0917.0	III	N	2	25	180	
			IZMI	0915.0	0917.4	III	GG,RS	2	110	270X	
			SVTO	1013.0	1015.0	III		2	25	180	
			IZMI	1013.3	1015.4	III	S,C	2	25X	270X	
			IZMI	1054.5	1059.7	III	GG,FS	2	160	270X	
			SGMR	1105.0	1128.0	III	N	3	30	80	
			IZMI	1113.8	1120.0	III	GG,FS	3	25X	270X	
			SVTO	1115.0	1119.0	III		2	25	180	
			IZMI	1123.6	1128.3	III	S,C	2	25X	270X	
			SVTO	1125.0	1128.0	V		3	25	180	
			IZMI	1125.7	1127.4	CONT		3	190	270X	
			IZMI	1131.6	1200.0D	III	S	2	25X	95	
			SGMR	1132.0	2230.0	CONT		2	30	80	
			HOLL	1328.0	1330.0	III		1	25	180	
			SGMR	1328.0	1330.0	V		3	30	80	
			SVTO	1328.0	1330.0	III		2	25	180	

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16			HOLL	1341.0	1343.0	III		1	25	86	
			HOLL	1347.0	1348.0	III		1	25	180	
			HOLL	1412.0	1431.0	III		2	25	180	
			SGMR	1420.0	1431.0	V		3	30	80	
			SVTO	1420.0	1430.0	III	N	3	25	180	
			HOLL	1604.0	1606.0	III		1	25	124	
			HOLL	1613.0	1614.0	III		1	25	110	
			HOLL	1623.0	1627.0	III		1	25	180	
			PALE	1652.0	1713.0	II		2	25	180	ESS 0600
			HOLL	1711.0	1717.0	III		2	25	180	
			PALE	1712.0	1717.0	III		2	25	180	
			PALE	1714.0	1722.0	III		1	25	180	
			HOLL	2008.0	2009.0	III		1	25	63	
			HOLL	2015.0	2022.0	III		2	25	180	
			PALE	2015.0	2018.0	III		1	25	180	
			SGMR	2015.0	2021.0	III		2	30	80	
	2015	2400	CULG	2015.0E	2400.0D	I	S,C	1	40	160	
			CULG	2016.0	2018.0	III	G	3	20	750	
			CULG	2019.0	2023.0	III	G	1	25	700	
			CULG	2052.0	2120.0	III	N	1	28	120	
			PALE	2052.0	2059.0	III		3	25	180	
			HOLL	2055.0	2056.0	III		1	25	136	
			CULG	2108.0	2108.0	III	B	2	130	300	
	2020	2400	HIRA	2108.0	2111.5	III	G	2	50	300	
			CULG	2110.0	2111.0	III	G	2	25	330	
			HOLL	2110.0	2111.0	III		1	25	180	
			PALE	2110.0	2111.0	III		1	25	83	
			HOLL	2128.0	2134.0	III		1	25	180	
			CULG	2129.0	2134.0	III	GG	2	23	300	
			HIRA	2132.0	2142.0	III	G	2	25X	600	
			CULG	2135.0	2139.0	III	G	2	23	750	
			HOLL	2136.0	2138.0	III		1	25	180	
			CULG	2213.0	2218.0	III	GG	3	18X	900	
			HIRA	2213.0	2218.0	III	G	3	25X	630	
			HOLL	2213.0	2218.0	III		2	25	180	
			PALE	2213.0	2255.0	III	N	3	25	180	
			SGMR	2213.0	2217.0	III		2	30	80	
			CULG	2220.0	2224.0	III	G	2	18	180	
			HOLL	2220.0	2223.0	III		1	25	180	
			CULG	2226.0	2227.0	III	G	1	40	180	
			CULG	2232.0	2234.0	III	G	1	18	180	
			HOLL	2251.0	2255.0	III		1	25	180	
			LEAR	2251.0	2255.0	III		2	26	180	
			CULG	2252.0	2252.0	III	B	2	18X	800	
			CULG	2252.0	2255.0	III	GG	2	18	180	
			HIRA	2252.0	2255.5	III	G	2	25X	400	
			CULG	2330.0	2330.0	III	B	1	18	90	
			CULG	2344.0	2400.0D	III	N	1	28	80	
			PALE	2352.0	0043.0	III	N	3	25	180	
			LEAR	2355.0	0006.0	III		3	26	179	
			CULG	2356.0	2357.0	III	G	2	25	180	
17			CULG	0000.0E	0044.0	III	N	1	28	90	
	0000	0745	CULG	0000.0E	0357.0	I	S,C	1	45	170	
			HOLL	0004.0	0006.0	III		1	25	180	
	0000	0842	HIRA	0004.0	0006.0	III	G	1	25X	800	
			CULG	0005.0	0006.0	III	G	3	20	750	
			HOLL	0038.0	0043.0	III		2	25	180	
			LEAR	0038.0	0044.0	III		3	25	180	
			CULG	0041.0	0044.0	III	G	3	18X	900	
			HIRA	0041.0	0044.0	III	G	2	25X	800	
			CULG	0121.0	0518.0	III	N	1	20	90	
			CULG	0156.0	0157.0	III	G	2	20	100	
			LEAR	0156.0	0223.0	III	N	2	25	147	
			PALE	0156.0	0331.0	III	N	2	25	180	
			CULG	0222.0	0223.0	III	G	3	18	150	
			LEAR	0254.0	0303.0	III		3	25	180	
			CULG	0255.0	0303.0	III	GG	2	18	180	
			HIRA	0258.0	0301.5	III	G	2	25X	500	

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17			CULG	0259.0	0259.0	III	B	3	18X	900	
			CULG	0301.0	0301.0	III	B	3	18	550	
			CULG	0308.0	0308.0	III	B	2	18	130	
			CULG	0331.0	0331.0	III	B	2	18	90	
			LEAR	0331.0	0331.0	III		2	25	175	
			CULG	0416.0	0425.0	III	GG	3	18X	250	
			LEAR	0416.0	0425.0	III		3	25	180	
			HIRA	0418.0	0425.0	III	G	2	25X	260	
			LEAR	0512.0	0518.0	III		3	25	180	
			CULG	0513.0	0516.0	III	GG	3	18X	1000	
			SVTO	0513.0	0518.0	III		2	25	180	
			HIRA	0513.5	0516.5	III	G	2	25X	900	
	0602	1200	IZMI	0555.1	0556.5	III	GG	1	45	95	
			IZMI	0602.0E	1200.0D	III	N	1	25	95	
			IZMI	0606.0U	1200.0D	I	N	1	200	240	
			CULG	0619.0	0651.0	III	N	1	23	80	
			SVTO	0652.0	0658.0	III		1	25	121	
			IZMI	0652.9	0659.0	III	GG	2	25	240X	
			CULG	0653.0	0700.0	III	GG	1	23	160	
			LEAR	0653.0	0659.0	III		1	25	170	
			LEAR	0739.0	0746.0	III		2	25	155	
			IZMI	0739.2	0741.5	III	GG	2	25	160	
			CULG	0740.0	0741.0	III	G	1	25	120	
			SVTO	0740.0	0744.0	III		2	25U	82U	
			IZMI	0743.1	0744.5	III	GG	2	25X	180	
			CULG	0744.0	0745.0	III	G	1	23	140	
			IZMI	0746.3	0747.0	III	G	2	35	100	
			IZMI	0822.8	0823.9	III	GG,FS	2	25X	160	
			LEAR	0823.0	0834.0	III		1	25	147	
			LEAR	0823.0	1001.0	III	N	1	25	147	
			SVTO	0823.0	1004.0	III	N	2	25	151	
			IZMI	0825.3	0826.0	III	G	2	40	180	
			IZMI	0827.6	0831.2	III	GG,FS	2	25X	180	
	0600	1640	BLEN	0839.1	0853.4	III	GG	3	220X	550X	
			IZMI	0843.4	0846.9	III	GG,FS	2	25X	270X	
			IZMI	0851.4	0851.7	III	G	2	25X	180	
			IZMI	0901.4	0901.6	III	G	2	40	225	
			SVTO	0922.0	0926.0	V		3	25	180	
			IZMI	0922.7	0926.6	III	GG	2	25X	270X	
			BLEN	0922.9	0926.7	III	GG	3	220X	550X	
			IZMI	0922.9	0926.6	V	GG	2	25	135	
	0548	1601	ONDR	0926.2	0926.2	DCIM	G	1	800X	1602	
			IZMI	0940.8	0942.0	III	G	2	35	205	
			IZMI	0948.7	0950.3	III	GG	2	25X	170	
			IZMI	1001.2	1004.6	III	GG	2	25	145	
			SVTO	1040.0	1047.0	III		1	25	174	
			IZMI	1040.2	1040.8	III	G	2	25	95	
			IZMI	1044.5	1045.0	III	G,FS	2	25X	180	
			SGMR	1114.0	1119.0	III		1	30	70	
			SVTO	1114.0	1422.0	III	N	2	25	163	
			IZMI	1114.3	1114.6	III	G	2	25X	270	
			IZMI	1117.0	1119.6	III	GG	2	25X	240	
			IZMI	1122.8	1123.2	III	G	1	45	215	
			IZMI	1126.5	1127.1	III	G,FS	2	30	120	
			IZMI	1129.0	1129.2	III	G	2	40	200	
			IZMI	1140.2	1141.4	III	G	1	30	215	
			ONDR	1220.1	1220.5	DCIM	G,SP	2	1175	1442	
			SGMR	1312.0	1436.0	III	N	1	30	80	
			SGMR	1852.0	1853.0	III		1	30	65	
			HOLL	1950.0	1953.0	III		1	25	109	
			PALE	1950.0	1954.0	III		1	25	75	
	2015	2400	CULG	2106.0	2108.0	III	G	1	30	90	
			HOLL	2155.0	2159.0	III		1	25	160	
			CULG	2156.0	2200.0	III	G	1	23	130	
			LEAR	2258.0	0005.0	III	N	1	25	180	
			LEAR	2258.0	2302.0	III		1	40	180	
			HOLL	2259.0	2302.0	III		1	25	151	
			CULG	2300.0	2302.0	III	G	2	23	180	
	2021	2400	HIRA	2301.0	2302.0	III	B	3	40	120	

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17			CULG	2307.0	2351.0	III	N	1	30	100	
			HOLL	2355.0	2357.0	III		1	25	180	
18	0000	0745	CULG	0529.0	0530.0	III	G	1	360	740	
	0000	0841	HIRA	0529.0	0529.5	III	B	2	370	590	
	0549	1559	ONDR								
			CULG	0556.0	0557.0	III	G	1	45	150	
	0552	1207	IZMI	0556.3	0557.6	III	G	2	45	190	
	0600	1640	BLEN								
			IZMI	0611.3	0612.0	III	G	1	45	95	
			SVTO	0626.0	1106.0	CONT		1	25	75	
			IZMI	0634.5	0634.6	III	B	1	45	90	
			IZMI	0735.8	0736.3	III	G	1	45	75	
			IZMI	0751.2	0751.3	UNCLF	RS	1	45	60	
			IZMI	0752.8	0753.0	III	B	1	45	90	
			IZMI	0836.8	0837.2	III	B	2	30	65	
			SVTO	0837.0	0838.0	III		1	25	47	
			IZMI	0907.1	0907.3	III	B	1	35	60	
			IZMI	0939.4	0939.8	III	G,U	2	120	180	
			IZMI	0954.1	0958.6	III	GG	1	100	190	
			IZMI	1008.3	1010.5	I	GG	2	240	270	
			IZMI	1041.9	1042.3	III	G,U	2	120	160	
			IZMI	1105.7	1106.0	III	G	2	40	180	
			IZMI	1110.8	1111.2	III	G	2	60	190	
			HOLL	1634.0	1634.0	III		1	70	90	
	2015	2400	CULG	2056.0	2100.0	III	G	1	30	70	
			CULG	2138.0	2140.0	III	G	1	30	160	
	2022	2400	HIRA	2138.5	2139.0	III	B	1	50	130	
			CULG	2150.0	2150.0	III	G	1	40	80	
			CULG	2224.0	2225.0	III	G	1	28	150	
			HOLL	2224.0	2225.0	III		1	25	162	
			HIRA	2224.5	2225.5	III	G	1	80	120	
			CULG	2234.0	2234.0	III	B	1	40	90	
			LEAR	2322.0	2322.0	III		1	90	180	
			CULG	2323.0	2323.0	III	B	1	100	170	
			HIRA	2323.0	2323.5	III	B	1	80	170	
			CULG	2353.0	2355.0	III	G	2	30	180	
			HOLL	2353.0	2354.0	III		1	25	180	
			LEAR	2353.0	2354.0	III		1	25U	180U	
			HIRA	2357.5	2358.0	III	B	2	40	180	
19	0000	0840	HIRA								
	0000	0745	CULG	0003.0	0007.0	III	G	1	30	250	
			LEAR	0004.0	0005.0	III		1	25U	180U	
			CULG	0126.0	0206.0	III	N	1	40	150	
			LEAR	0150.0	0152.0	III		1	48	126	
			LEAR	0224.0	0239.0	III	N	1	71	115	
			CULG	0357.0	0357.0	III	B	1	30	90	
			CULG	0445.0	0449.0	III	G	1	28	200	
			LEAR	0445.0	0453.0	III		1	25	180	
			CULG	0454.0	0526.0	III	N	1	30	90	
			LEAR	0500.0	0535.0	III	N	1	25	106	
			IZMI	0601.0E	0801.0U	I	N	1	200	250	
	0601	1200	IZMI	0601.0E	0942.0U	III	N	1	40	120	
			CULG	0643.0	0643.0	III	B	1	30	80	
			IZMI	0729.7	0731.1	III	G	1	75	180	
			IZMI	0802.4	0802.7	III	G,C	2	40	65	
	0551	1557	ONDR	0808.0	0829.1	DCIM	G	2	2000X	4500X	
			IZMI	0808.6	0809.9	III	GG	1	190	270X	
			ONDR	0809.0	0829.2	DCIM	GG	2	800X	2000X	
	0600	1635	BLEN	0809.2	0850.0	DCIM		3	220X	550X	
			BLEN	0809.5	0817.7	II		3	220X	500	
			LEAR	0811.0	0814.0	V		3	25	180	
			SVTO	0811.0	0836.0	III	N	3	25	161	
			IZMI	0811.4	0815.3	III	GG,C,FS	2	25X	270X	
			IZMI	0812.0U	0840.0U	IV		1	40	270X	
			IZMI	0813.1	0829.7	II	HARM	2	50	270	
			LEAR	0814.0	0851.0	III	N	1	25	180	
			IZMI	0815.5	0831.2	III	N,FS	2	25	270	

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19			LEAR	0818.0	0819.0	II		1	25	180	ESS 0399
			LEAR	0824.0	0824.0	II		1	77	100	ESS 0576
			IZMI	0833.0	0834.7	III	G	2	25	180	
			IZMI	0850.9	0851.1	III	B	2	40	65	
			IZMI	0853.0U	1145.0U	I	N	1	45	260	
			IZMI	0938.3	0938.5	III	G	2	65	180	
			BLEN	1033.5	1520.0	DCIM	P	2	220X	550X	
			SVTO	1120.0	1121.0	III		1	25	83	
			IZMI	1120.2	1121.8	III	GG,FS	2	25	270X	
			SGMR	1412.0	1413.0	III		1	30	70	
			SGMR	1512.0	1513.0	III		1	30	70	
			SGMR	1615.0	1621.0	III		1	30	55	
			SGMR	1715.0	1721.0	III		1	30	55	
			HOLL	1856.0	1902.0	III		1	25	46	
			SGMR	1902.0	1902.0	III		1	30	45	
	2015	2400	CULG	2134.0	2134.0	III	B	1	23	80	
			CULG	2141.0	2400.0D	I	S	1	80	160	
			CULG	2152.0	2205.0	III	N	1	18	90	
			LEAR	2232.0	0745.0	III	N	1	25	180	
			LEAR	2232.0	1002.0	CONT		1	75	180	
			CULG	2247.0	2249.0	III	G	1	30	180	
			HOLL	2248.0	2248.0	III		1	25	87	
			PALE	2248.0	2248.0	III		1	25	84	
			LEAR	2255.0	2257.0	II		1	104	124	ESS 0230
			HOLL	2258.0	2259.0	III		1	25	62	
			CULG	2259.0	2350.0	III	N	1	30	90	
			CULG	2346.0	2347.0	III	G	1	100	400	
	2022	2400	HIRA	2348.5	2349.0	III	B	1	30	380	
20	0000	0745	CULG	0000.0E	0036.0	I	S	1	100	160	
			CULG	0005.0	0005.0	III	B	1	30	90	
			CULG	0012.0	0019.0	III	G	1	28	160	
	0000	0839	HIRA	0012.5	0019.0	III	G	2	80	130	
			CULG	0047.0	0049.0	III	G	1	20	140	
			HIRA	0047.5	0049.0	III	G	1	30	100	
			CULG	0134.0	0745.0D	I	S	1	100	170	
			CULG	0159.0	0159.0	III	B	1	65	160	
			CULG	0227.0	0227.0	III	B	1	40	90	
			CULG	0347.0	0349.0	III	G	1	18	180	
			HIRA	0347.0	0349.5	III	G	2	25X	200	
			CULG	0354.0	0354.0	III	B	1	23	90	
			CULG	0510.0	0511.0	III	G	2	18	120	
			HIRA	0510.0	0511.0	III	B	2	25X	120	
			CULG	0537.0	0537.0	III	B	1	35	80	
	1020	1630	BLEN	0550 X	1530 X	I	DC	3	220X	500	
	0551	0811	IZMI	0550.8	0551.2	III	G	2	50	160	
			CULG	0551.0	0554.0	III	G	1	60	120	
			IZMI	0551.0E	0811.0D	I	S	2	50	270X	
			IZMI	0553.8	0554.1	III	G	2	55	140	
			SVTO	0627.0	yy.0	III	N	2	25	83	
			IZMI	0642.0U	0811.0D	III	N	1	45	95	
			CULG	0650.0	0650.0	III	B	1	40	170	
			HIRA	0650.0	0650.5	III	B	2	60	180	
			IZMI	0650.2	0650.5	III	G,U	2	45	170	
			IZMI	0706.6	0708.5	III	GG	2	25	145	
	0552	1554	ONDR	0948.5	0956.3	DCIM	GG	1	800X	2000X	
			SVTO	0952.0	0954.0	III		1	25	81	
			SVTO	1129.0	1149.0	III	N	1	25	81	
			SGMR	1244.0	1245.0	III		1	30	80	
			SVTO	1244.0	1245.0	III		1	25	82	
			HOLL	1325.0	1326.0	III		1	25	60	
			SVTO	1514.0	1539.0	III	N	1	25	157	
			ONDR	1519.0	1554.4	DCIM	GG,SP	2	800X	2000X	
			SGMR	1537.0	1719.0	CONT		1	30	60	
			BLEN	1537.3	1617 X	DCIM	P,S	3	1000X	2420	
			HOLL	1834.0	1841.0	III		1	25	180	
			PALE	1834.0	1840.0	III		2	25	180	
			SGMR	1839.0	1840.0	III		2	30	80	
			SGMR	1858.0	1858.0	III		1	30	80	

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20			PALE	1957.0	2003.0	III		1	25	180	
			PALE	2012.0	2018.0	III	N	1	25	75	
	2010	2400	CULG	2012.0	2019.0	III	G	1	28	180	
			CULG	2030.0	2030.0	III	B	1	30	90	
			CULG	2040.0	2040.0	III	B	1	100	160	
			HOLL	2202.0	2205.0	III		1	25	164	
			PALE	2202.0	2204.0	III		1	25	157	
			CULG	2203.0	2204.0	III	G	2	20	170	
	2023	2400	HIRA	2203.5	2204.5	III	B	2	50	110	
			CULG	2207.0	2301.0	III	N	1	20	160	
			HOLL	2228.0	2230.0	III		1	25	180	
			CULG	2229.0	2230.0	III	G	3	25	200	
			HIRA	2229.0	2230.0	III	B	3	25X	290	
			LEAR	2231.0	1002.0	CONT		1	25	180	
			CULG	2241.0	2245.0	III	G	2	18	160	
			HIRA	2242.0	2243.0	III	B	1	25X	70	
			HIRA	2244.5	2245.0	III	B	1	25X	70	
			HOLL	2318.0	2250.0	III	N	1	25	180	
21	0000	0745	CULG	0017.0	0017.0	III	B	1	50	150	
			CULG	0041.0	0041.0	III	B	1	28	90	
			CULG	0115.0	0119.0	III	G	1	30	150	
			CULG	0238.0	0238.0	III	B	1	28	90	
			CULG	0250.0	0252.0	III	G	1	30	90	
			CULG	0345.0	0346.0	III	G	1	28	100	
	0000	0837	HIRA	0345.0	0345.5	III	B	1	30	130	
			CULG	0418.0	0529.0	III	N	1	20	90	
			HIRA	0425.5	0434.0	III	G	2	50	180	
			CULG	0429.0	0430.0	III	G	1	30	500	
			CULG	0537.0	0537.0	III	B	1	35	180	
			CULG	0541.0	0542.0	III	B	1	25	170	
			LEAR	0541.0	0542.0	III		1	25	82	
	0554	1553	ONDR								
	0600	1630	BLEN	0600 X	1530 X	I	DC	3	220X	550	
			LEAR	0615.0	0617.0	III		2	25	180	
			SVTO	0615.0	0617.0	III		1	25	170	
			BLEN	0615.3	1530 X	DCIM	P	2	220X	550X	
			CULG	0616.0	0617.0	III	G	2	20	180	
			HIRA	0616.5	0617.0	III	B	2	30	200	
			CULG	0636.0	0706.0	III	N	1	30	160	
			IZMI	0638.0E	0836.0	I	N	1	45	180	
	0638	1200	IZMI	0638.0E	1200.0	III	N	1	40	180	
			IZMI	0651.8	0653.6	III	GG	2	45	200	
			CULG	0728.0	0736.0	III	G	1	60	160	
			IZMI	0732.0	0732.4	III	G,U	2	45	90	
			IZMI	0740.7	0741.0	III	G,G	1	75	240	
			LEAR	0831.0	0832.0	III		1	25	140	
			SVTO	0831.0	0832.0	III		1	30U	146U	
			IZMI	0831.5	0832.3	III	GG	2	35	170	
			IZMI	0905.8	0908.3	III	GG,FS	2	35	180	
			LEAR	0907.0	0908.0	III		1	52	180	
			SVTO	0907.0	0919.0	III	N	1	75	180	
			IZMI	0913.6	0914.2	III	G	2	45	180	
			IZMI	0916.7	0932.0	I	N	2	75	180	
			IZMI	0918.5	0920.3	III	GG,FS	2	35	190	
			IZMI	0958.3	0958.5	III	B	2	40	135	
			IZMI	1027.1	1028.5	III	G,FS	2	30	70	
			IZMI	1043.8	1043.9	III	B	2	120	190	
			IZMI	1046.9	1047.0	III	G	2	75	215	
			IZMI	1128.7	1128.8	III	B	2	120	190	
			SVTO	1213.0	1213.0	III		1	33	147	
			SVTO	1304.0	1319.0	III	N	1	25U	82U	
			SGMR	1423.0	1423.0	III		1	30	70	
			SVTO	1423.0	1627.0	III	N	1	25	155	
			SGMR	1447.0	1502.0	III		1	30	60	
			SGMR	1541.0	1545.0	V		2	30	65	
			SGMR	1601.0	1839.0	III	N	3	30	80	
			PALE	1725.0	2159.0	III	N	1	25	180	
			SGMR	1950.0	2124.0	III	N	1	30	80	

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21	2010	2400	CULG	2010.0E	2400.0D	III	N	1	25	170	
			CULG	2134.0	2134.0	III	B	2	30	700	
	2024	2400	HIRA	2134.0	2135.0	III	B	2	80	600	
			CULG	2136.0	2353.0	I	S	1	100	160	
			HOLL	2152.0	2153.0	III		1	25	180	
			HOLL	2157.0	2200.0	III		1	25	180	
			LEAR	2230.0	1002.0	CONT		1	74	180	
			HOLL	2233.0	2235.0	III		1	25	172	
			PALE	2233.0	0058.0	III	N	1	25	180	
			CULG	2234.0	2235.0	III	G	2	20	180	
			HIRA	2235.5	2236.0	III	B	2	50	210	
			HOLL	2244.0	2248.0	III		1	25	65	
			LEAR	2253.0	0930.0	III	N	3	25	180	
			HOLL	2302.0	2314.0	III		2	25	180	
			CULG	2304.0	2305.0	III	G	3	18	160	
			HIRA	2307.5	2308.5	III	B	3	25X	190	
22	0000	0745	CULG	0000.0E	0328.0	III	N	1	28	170	
			PALE	0118.0	0127.0	III		1	25	180	
			CULG	0125.0	0127.0	III	G	3	18	160	
	0000	0835	HIRA	0126.0	0127.0	III	B	2	25X	130	
			CULG	0132.0	0252.0	I	S	1	65	160	
			CULG	0206.0	0207.0	III	G	1	70	600	
			HIRA	0231.0	0248.0	III	G	2	25X	300	
			CULG	0236.0	0236.0	III	B	2	28	430	
			CULG	0242.0	0242.0	III	B	1	20	420	
			CULG	0247.0	0247.0	III	B	2	18	300	
			CULG	0313.0	0313.0	III	B	2	20	180	
			HIRA	0313.0	0314.0	III	B	3	30	280	
			CULG	0344.0	0611.0	III	N	1	18	430	
			HIRA	0413.0	0416.0	III	G	2	25X	300	
			CULG	0415.0	0415.0	III	B	2	18	160	
			CULG	0442.0	0552.0	IV	FS	1	50	500	
			CULG	0451.0	0452.0	III	G	3	18X	180	
			HIRA	0451.0	0451.5	III	B	3	25X	300	
			SVTO	0512.0	0518.0	III		2	25	178	
			CULG	0513.0	0513.0	III	B	3	18X	350	
			HIRA	0514.5	0517.0	III	G	3	25X	320	
			CULG	0518.0	0518.0	III	B	3	18	180	
			HIRA	0520.5	0521.0	III	B	3	30	200	
			LEAR	0537.0	0539.0	V		3	25	180	
			CULG	0538.0	0539.0	III	G	3	18	750	
			SVTO	0538.0	0539.0	III		3	25	180	
			HIRA	0542.0	0544.0	III	G	3	25X	190	
			SVTO	0558.0	0619.0	III		1	27	83	
	0600	1630	BLEN	0600 X	1530 X	DCIM	P	2	220X	550X	
			IZMI	0601.6	0602.2	III	GG	2	45	175	
			IZMI	0604.0E	1200.0D	III	N	1	30	100	
	0604	1200	IZMI	0604.0E	1200.0D	I	N	1	200	270X	
			IZMI	0610.1	0611.4	III	G	2	45	160	
			IZMI	0618.9	0618.9	III	B	2	40	100	
			CULG	0619.0	0651.0	III	N	1	23	90	
			SVTO	0633.0	0652.0	III		1	25	81	
			IZMI	0640.7	0641.8	III	GG	2	30	170	
			IZMI	0647.1	0652.8	III	GG	2	25X	270X	
			CULG	0652.0	0652.0	III	B	2	23	130	
			IZMI	0705.4	0707.2	III	GG,FS	2	45	270X	
			CULG	0706.0	0707.0	III	G	1	35	430	
			SVTO	0706.0	0729.0	III		2	25	82	
			IZMI	0708.0U	1200.0D	I	S	2	45	270X	
			IZMI	0710.3	0711.0	III	GG	2	205	270X	
			IZMI	0713.7	0714.5	III	G	2	30	240	
			CULG	0714.0	0714.0	III	B	1	30	180	
			IZMI	0718.5	0719.5	III	G	2	25X	85	
			CULG	0719.0	0719.0	III	B	1	30	80	
			CULG	0722.0	0745.0D	I	S	1	50	170	
			CULG	0728.0	0729.0	III	G	1	25	90	
			IZMI	0728.3	0729.6	III	G,C	2	25X	90	
			IZMI	0734.5	0755.8	III	N	2	25X	270X	

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22			SVTO	0736.0	0743.0	III		1	25	63	
			SVTO	0750.0	1625.0	III	N	3	25	180	
			IZMI	0807.6	0809.8	III	G	1	25X	100	
			IZMI	0819.0	0819.3	III	B	2	25X	90	
			IZMI	0824.0	0851.3	III	N	2	25X	170	
			LEAR	0922.0	1002.0	III		2	28	180	
			IZMI	0922.3	0922.8	III	G,FS	2	40	160	
			IZMI	0923.6	0941.6	III	GG	2	25X	270X	
			IZMI	0928.0	0929.2	III	GG,C	2	25	180	
			ONDR	0934.5	0941.1	DCIM		2	800X	2000X	
	0555	1550	ONDR	0934.5	0941.3	DCIM	G,W	1	2000X	4500X	
			IZMI	0944.7	1055.0U	III	S	2	30	270	
			ONDR	0950.0	0954.0	DCIM	G	2	2000X	4500X	
			ONDR	0950.1	0954.5	DCIM	G	2	800X	2000X	
			IZMI	0950.3	0951.6	III	GG,C	3	25X	270X	
			IZMI	0950.3	0958.0	V	G,FS	2	25X	40	
			ONDR	1002.1	1007.4	DCIM	GG	2	2000X	4500X	
			IZMI	1003.9	1007.3	III	GG,C	2	25X	270X	
			ONDR	1004.1	1008.0	DCIM	GG,SP	2	800X	2000X	
			ONDR	1014.2	1032.4	DCIM	GG	2	800X	2000X	
			ONDR	1014.5	1022.2	DCIM	G,W	1	2000X	4500X	
			IZMI	1015.6	1020.1	III	GG	2	25X	270X	
			IZMI	1021.2	1052.2	III	GG	2	25X	270X	
			ONDR	1036.4	1051.1	DCIM	GG	1	800X	1719	
			IZMI	1058.8	1059.4	III	GG	2	25X	70	
			IZMI	1126.6	1130.3	III	GG,FS	2	30	215	
			SGMR	1130.0	1137.0	III		1	30	65	
			IZMI	1134.6	1142.8	III	N	2	25X	70	
			BLEN	1244.3	1245.0	III	GG,U,S	3	300	410	
			SGMR	1306.0	1806.0	III	N	2	30	80	
			HOLL	1320.0	1328.0	III		1	25	90	
			HOLL	1358.0	0022.0	III	N	1	25	180	
			BLEN	1533.7	1535.6	DCIM	C,S	3	1000X	3700	
			HOLL	1534.0	1536.0	III		2	25	180	
			SGMR	1534.0	1536.0	V		3	30	80	
			ONDR	1534.1	1534.5	DCIM	G,SP	2	800X	1138	
			PALE	1755.0	2027.0	III	N	1	25	180	
			SGMR	1815.0	2038.0	CONT		2	30	80	
			CULG	2005.0E	2400.0D	III	N	1	20	180	
	2005	2400	CULG	2005.0E	2320.0	I	S	1	40	160	
			CULG	2021.0	2021.0	III	B	3	23	180	
			CULG	2024.0	2024.0	III	B	2	23	80	
			PALE	2122.0	2124.0	III		1	25	160	
			PALE	2153.0	0331.0	III	N	2	25	180	
			CULG	2206.0	2208.0	III	G	2	20	120	
	2025	2400	HIRA	2207.0	2208.0	III	B	2	25X	90	
			LEAR	2229.0	1003.0	CONT		2	45	180	
			LEAR	2330.0	1003.0	III	N	2	25	180	
23			CULG	0000.0	0001.0	III	G	2	20	80	
			CULG	0000.0	0750.0D	I	S	1	60	370	
	0000	0750	CULG	0000.0E	0750.0D	III	N	1	20	160	
	0000	0833	HIRA	0158.5	0159.5	III	B	2	40	160	
			CULG	0159.0	0200.0	III	G	2	20	420	
			CULG	0428.0	0432.0	III	G	1	18	480	
			CULG	0450.0	0513.0	III	N	2	18	750	
			HIRA	0450.0	0514.0	III	G	3	30	500	
			SVTO	0457.0	1141.0	III	N	2	25	180	
			CULG	0549.0	0551.0	III	G	2	23	140	
			IZMI	0550.0E	1200.0D	III	S	2	25	270X	
	0550	1200	IZMI	0550.0E	1200.0	I	S,C	2	50	270X	
			IZMI	0550.5	0551.4	III	GG	2	25	190	
	0555	1630	BLEN	0555 X	1530 X	I	DC,C	3	220X	550X	
			IZMI	0559.0	0559.9	III	GG	2	30	215	
			SVTO	0605.0	1624.0	CONT		1	25	180	
			BLEN	0647.1	0700.0	III	GG,S	3	220X	430	
			HIRA	0720.5	0721.5	III	G	2	50	160	
			IZMI	0720.6	0723.4	III	GG	2	25	270X	
			CULG	0721.0	0723.0	III	G	2	28	420	

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23			IZMI	0732.4	0738.3	III	GG	1	25X	270X	
			SVTO	0821.0	0825.0	V		2	25	170	
			IZMI	0821.4	0831.5	III	GG	2	25X	270X	
			IZMI	0842.5	0844.4	III	GG	2	25X	270X	
			IZMI	0944.4	0946.2	III	GG	2	35X	270X	
			IZMI	1044.4	1047.2	III	GG	2	25X	270X	
			ONDR	1050.1	1108.3	DCIM	GG,SP	2	800X	2000X	
			BLEN	1050.5	1113.7	DCIM	P,S	3	310	550X	
	0557	1548	ONDR	1100.3	1105.5	DCIM	G	1	2000X	4500X	
			IZMI	1109.7	1117.1	III	GG	2	25X	270X	
			BLEN	1144.0	1154.6	III	GG	3	260	550X	
			ONDR	1144.2	1144.5	DCIM	W	1	2000X	4500X	
			ONDR	1144.3	1146.1	DCIM	G	1	800X	2000X	
			SGMR	1222.0	1222.0	III		1	30	50	
			SVTO	1222.0	1222.0	III		1	25	83	
			SVTO	1257.0	1445.0	III	N	2	25	180	
			BLEN	1302.2	1315.0	III	GG,RS	2	260	420	
			BLEN	1315.7	1324.0	III	GG,S	3	260	400	
			HOLL	1320.0	1321.0	III		1	25	138	
			SGMR	1320.0	2217.0	III	N	1	30	80	
			HOLL	1335.0	2317.0	III	N	1	25	152	
			ONDR	1402.4	1403.2	DCIM	W	1	2000X	4500X	
			ONDR	1402.4	1406.5	DCIM	G	1	800X	2000	
			BLEN	1402.6	1403.9	III	GG,S	3	220X	360	
			PALE	1800.0	2317.0	III	N	1	25	180	
			CULG	2005.0E	2400.0D	I	S	1	60	160	
	2005	2400	CULG	2005.0E	2130.0	III	S	1	30	100	
			CULG	2130.0	2144.0	III	GG	2	18	900	
			HOLL	2130.0	2139.0	III		1	25	178	
			PALE	2130.0	0410.0	CONT		2	25	180	
			PALE	2130.0	2131.0	III		2	25	180	
			SGMR	2130.0	2131.0	III		1	30	65	
			CULG	2145.0	2400.0D	III	S,C	2	23	300	
			HOLL	2145.0	0052.0	CONT		1	25	180	
	2025	2400	HIRA	2154.0	2157.0	III	G	2	50	210	
			LEAR	2228.0	1003.0	CONT		1	25	180	
24			CULG	0000.0E	0224.0	I	S	1	60	180	
	0000	0750	CULG	0000.0E	0122.0	III	N	1	28	140	
			LEAR	0103.0	0104.0	III		2	25	179	
			CULG	0104.0	0105.0	III	G	2	18	180	
			PALE	0104.0	0104.0	III		1	25	180	
	0000	0635	HIRA	0104.0	0105.0	III	B	2	40	130	
			LEAR	0159.0	0511.0	III	N	1	109	180	
			CULG	0200.0	0750.0D	III	N	1	23	90	
			CULG	0224.0	0641.0	I	S	1	100	350	
			IZMI	0550.0E	1200.0D	III	N	1	30	100	
	0550	1200	IZMI	0550.0E	1200.0D	I	S	2	110	270X	
	0555	1630	BLEN	0555 X	1530 X	I	DC,C	3	220X	440	
	0559	1546	ONDR								
			IZMI	0737.2	0739.0	III	G	2	30	60	
			SVTO	0738.0	0936.0	III	N	1	28U	53U	
			SGMR	1324.0	2100.0	CONT		1	30	60	
			HOLL	1351.0	1353.0	III		1	25	77	
			PALE	1738.0	0409.0	CONT		2	25	180	
			PALE	1941.0	1942.0	III		1	25	180	
			CULG	2005.0E	2400.0D	III	N	1	20	90	
	2005	2400	CULG	2005.0E	2400.0D	I	S	1	110	170	
			CULG	2042.0	2042.0	III	B	2	30	150	
			HOLL	2101.0	2103.0	III		1	25	61	
			PALE	2102.0	2103.0	III		1	25	68	
			HOLL	2107.0	2110.0	III		1	25	60	
			PALE	2239.0	2317.0	III	N	1	25	100	
			HOLL	2300.0	2301.0	III		1	25	75	
			HOLL	2317.0	2317.0	III		1	25	92	
25			CULG	0000.0E	0210.0U	III	N	1	28	90	
	0000	0750	CULG	0000.0E	0157.0	I	S	1	110	170	
			CULG	0206.0	0214.0	III	GG	3	18X	950	

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25			LEAR	0206.0	0224.0	III	N	3	25	180	
			PALE	0206.0	0409.0	III	N	3	25	180	
			CULG	0209.0	0220.0	V		2	20	100	
			CULG	0217.0	0410.0U	IV		2	20	500	
			CULG	0218.0	0536.0	III	S,C	2	23	180	
			CULG	0219.0	0229.0	II	UE	1	30	180	
			SVTO	0520.0	1620.0	CONT		2	75	180	
			CULG	0535.0	0750.0D	III	S,C	1	25	250	
	0610	1620	BLEN	0555 X	1530 X	I	DC,C	2	220X	440	
			IZMI	0559.0E	1201.0D	III	S	2	30	240	
	0559	1201	IZMI	0559.0E	1201.0D	I	S,C	2	45	270X	
			IZMI	0621.8	0621.9	III	B	2	25X	60	
			IZMI	0638.2	0638.6	III	B	2	25X	90	
			IZMI	0727.1	0727.3	III	B	2	30	90	
			IZMI	0800.3	0801.5	III	G,FS	2	25	90	
			IZMI	1013.0	1015.5	III	G,FS	2	30	95	
			IZMI	1046.4	1049.5	III	G,FS	2	25	240	
			IZMI	1053.4	1058.9	III	GG,FS	2	30	120	
			IZMI	1110.1	1111.1	III	GG,U	2	120	270X	
			IZMI	1115.0	1118.3	III	GG	2	30	160	
			BLEN	1220.1	1222.5	III	GG,RS	3	220X	490	
	0600	1543	ONDR	1222.3	1223.0	DCIM	G	2	2000X	3396	
			ONDR	1222.4	1223.0	DCIM	G	2	964	2000X	
			SGMR	1238.0	1935.0	CONT		1	30	80	
			BLEN	1258.5	1324.4	III	GG,RS	3	220X	490	
			ONDR	1345.1	1346.0	DCIM	G	1	2000X	4500X	
			ONDR	1345.1	1346.4	DCIM	W	1	1405	2000X	
			BLEN	1402.4	1427.3	III	GG	3	220X	550X	
			PALE	1828.0	2055.0	III	N	1	25	75	
	2000	2400	CULG	2000.0E	2400.0D	III	S,C	1	25	140	
			CULG	2107.0	2349.0	I	S	1	110	160	
			LEAR	2226.0	1004.0	CONT		1	25	180	
			CULG	2341.0	2342.0	III	G	2	18	180	
26	0000	0750	CULG	0000.0E	0750.0D	III	C	1	20	170	
			CULG	0056.0	0109.0	III	GG	2	23	170	
			CULG	0110.0	0750.0D	I	S,C	1	60	160	
			SVTO	0511.0	1618.0	CONT		1	25	168	
			IZMI	0600.0E	1200.0D	III	S	2	25	110	
	0600	1200	IZMI	0600.0E	1200.0D	I	S,C	2	45	270X	
	0215	0828	HIRA	0606.5	0607.0	III	B	2	25X	500	
	0610	1620	BLEN	0610 X	1530 X	I	DC	1	220X	350	
			IZMI	0614.6	0614.8	III	G	2	45	120	
			IZMI	0700.3	0700.9	III	G	2	30	95	
			IZMI	0842.4	0843.4	III	GG	2	30	100	
			IZMI	0910.8	0913.2	III	GG,C	2	25X	240	
			LEAR	0911.0	0912.0	III		3	25	180	
			SVTO	0911.0	0912.0	III		2	25	180	
			IZMI	0915.0	0915.1	III	B	2	30	55	
			IZMI	0916.4	1004.0U	III	N	2	25	270X	
			IZMI	0920.3	0921.0	I	GG	3	190	245	
			ONDR	0923.2	0924.2	DCIM	G	1	800X	2000X	
	0602	1541	ONDR	0923.3	0924.4	DCIM	W	1	2000X	4500X	
			IZMI	0952.9	1001.0U	III	S	2	25	270X	
			SGMR	1230.0	1931.0	CONT		2	30	80	
			HOLL	1319.0	1320.0	III		1	25	81	
			HOLL	1405.0	0028.0	III	N	1	25	180	
			HOLL	1424.0	0047.0	III	N	1	25	161	
			HOLL	1824.0	1826.0	V		1	25	176	
			CULG	2000.0E	2400.0D	III	S,C	1	20	100	
	2000	2400	CULG	2000.0E	2400.0D	I	S,C	1	60	160	
	2028	2400	HIRA								
			CULG	2132.0	2132.0	III	B	3	20	80	
			SGMR	2132.0	2132.0	III		1	30	70	
			HOLL	2222.0	0015.0	CONT		1	25	180	
			LEAR	2225.0	1004.0	CONT		1	25	180	
			PALE	2340.0	2341.0	III		1	25	180	
27			CULG	0000.0E	0755.0D	III	S,C	1	20	100	

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OBSERVATION Day	Start (UT)	End (UT)	Sta	EVENT Start (UT)	End (UT)	Spectral Class	Event Remarks	Int (1-3)	FREQUENCY Lower (MHz)	Upper (MHz)	Remarks
27	0000	0755	CULG	0000.0E	0755.0D	I	S,C	1	60	160	
			CULG	0017.0	0019.0	III	G	2	20	140	
			CULG	0035.0	0039.0	III	GG	2	18X	280	
			LEAR	0116.0	0118.0	III		2	25	134	
	0000	0827	HIRA	0118.5	0119.5	III	B	2	25X	100	
			LEAR	0135.0	0139.0	III		3	25	180	
			HIRA	0139.5	0143.5	III	G	2	25X	280	
			CULG	0305.0	0307.0	III	G	2	23	150	
			IZMI	0600.0E	1200.0D	III	N	1	45	180	
	0600	1200	IZMI	0600.0E	1200.0D	I	S,C	2	45	270X	
	0610	1620	BLEN	0610 X	1530 X	I	DC	1	220X	330	
			IZMI	0725.9	0726.1	III	B	2	25	45	
			IZMI	0802.2	0802.3	III	B	2	45	100	
			IZMI	0832.2	0832.5	III	B	2	25	50	
			IZMI	0942.2	0942.3	III	G,DP	2	30	45	
			IZMI	1123.4	1123.9	III	G	2	25	250	
			HOLL	1325.0	0045.0	CONT		1	25	180	
			ONDR	1333.0	1333.5	DCIM	GG,SP	2	969	1222	
			BLEN	1333.3	1334.8	III	GG	2	1000X	4000X	
	0604	1539	ONDR	1333.3	1334.1	DCIM	G	1	2000X	4500X	
			BLEN	1555.6	1557.5	III	GG	2	1000X	3800	
			PALE	1847.0	0407.0	CONT		1	40	180	
			CULG	2000.0E	2114.0	III	S	1	25	90	
	2000	2400	CULG	2000.0E	2400.0D	CONT		2	35	160	
	2029	2400	HIRA								
			LEAR	2224.0	1005.0	CONT		1	25	180	
28	0000	0755	CULG	0000.0E	0755.0D	CONT		1	30	180	
			CULG	0009.0	0010.0	III	G	3	23	180	
			PALE	0109.0	0110.0	III		2	25	180	
	0000	0826	HIRA	0109.5	0110.5	III	B	3	50	230	
			CULG	0223.0	0223.0	III	B	3	23	90	
			HIRA	0223.0	0223.5	III	B	2	25X	40	
			CULG	0333.0	0338.0	III	G	3	18	90	
			HIRA	0334.0	0336.0	III	G	2	25X	130	
			CULG	0341.0	0341.0	III	B	3	28	350	
			HIRA	0341.5	0342.0	III	B	2	40	300	
			CULG	0411.0	0415.0	III	G	1	20	60	
			IZMI	0505.0E	1200.0D	III	N	1	45	95	
			CULG	0547.0	0548.0	III	G	3	25	70	
	0550	1200	IZMI	0550.0	1200.0	I	S,C	1	45	270X	
	0605	1536	ONDR								
	0610	1615	BLEN	0610 X	1530 X	I	DC	2	220X	320	
			IZMI	0812.0	0816.5	III	GG	2	25	65	
			LEAR	0814.0	0816.0	III		1	29	88	
			IZMI	1100.6	1100.7	III	B	2	15X	85	
			SGMR	1411.0	2100.0	CONT		1	30	80	
	2000	2400	CULG	2000.0E	2310.0	CONT		1	35	140	
	2030	2400	HIRA								
			LEAR	2210.0	1004.0	CONT		1	25	180	
29	0000	0755	CULG	0445.0	0448.0	III	G	1	30	60	
			CULG	0503.0	0616.0	III	N	1	23	150	
			IZMI	0550.9	0556.6	III	GG	2	25X	95U	
			SVTO	0551.0	0558.0	III		2	25	84	
			CULG	0552.0	0556.0	III	G	3	20	130	
			LEAR	0552.0	0556.0	III		3	25	131	
	0000	0825	HIRA	0553.0	0556.0	III	G	2	25X	120	
			IZMI	0559.0E	1200.0D	I	S	1	45	220	
	0559	1200	IZMI	0559.0E	1200.0D	III	N	2	45	95	
	0615	1610	BLEN	0610 X	1530 X	I	DC	2	220X	340	
			IZMI	0808.7	0810.4	III	G	2	45	190	
			IZMI	0843.0	0843.3	III	G	1	45	260	
			IZMI	1012.9	1013.9	III	G	1	260	270X	
	0607	1534	ONDR	1013.3	1016.4	DCIM	G,W	1	2332	4500X	
			BLEN	1303.2	1312.3	III	GG,U	3	220X	520	
			ONDR	1310.3	1312.4	DCIM		1	2000X	4500X	
			ONDR	1311.3	1312.1	DCIM	W	1	800X	2000X	
			HOLL	1727.0	1728.0	III		1	25	66	

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OBSERVATION Day	Start (UT)	End (UT)	Sta	EVENT Start (UT)	End (UT)	Spectral Class	Event Remarks	Int (1-3)	FREQUENCY Lower (MHz)	Upper (MHz)	Remarks
29			PALE	1727.0	1728.0	III		1	25	65	
			SGMR	1727.0	1728.0	III		1	30	60	
	2000	2400	CULG								
	2031	2400	HIRA								
30			LEAR	0521.0	0619.0	III	N	2	25	180	
			SVTO	0526.0	0533.0	III		1	25	169	
	0000	0823	HIRA	0526.5	0527.0	III	B	3	80	200	
	0000	0755	CULG	0527.0	0527.0	III	G	1	40	220	
			HIRA	0532.5	0533.0	III	B	2	25X	200	
			CULG	0533.0	0535.0	III	G	2	20	300	
	0600	1200	IZMI	0617.0	1200.0D	III	N	1	45	95	
	0620	1610	BLEN	0620 X	1530 X	I	DC	1	220X	440	
			IZMI	0636.0U	1200.0D	I	N	1	200	270X	
			LEAR	0655.0	0657.0	III		1	25	110	
			IZMI	0655.9	0658.1	III	G,UC	2	25X	215	
			CULG	0656.0	0657.0	III	G	2	23	75	
			SVTO	0656.0	0657.0	III		2	25	76	
			LEAR	0757.0	0758.0	III		1	25	125	
			SVTO	0757.0	0758.0	III		1	25U	81U	
			IZMI	0757.4	0758.3	III	G	2	35	145	
			ONDR	0858.0	0859.4	DCIM	GG,SP	2	1025	1803	
	0608	1532	ONDR	0858.0	0859.3	DCIM	W	1	2000X	4500X	
			IZMI	1001.3	1001.6	III	G	2	85	135	
			BLEN	1038.0	1039.9	III	GG	2	280	420	
			SVTO	1044.0	1612.0	III	N	2	25	180	
			BLEN	1325.9	1328.2	III	GG	2	280	400	
			BLEN	1543.0	1546.6	III	GG,RS	2	1000X	1600	
			PALE	2126.0	2128.0	III		1	25	100	
			HOLL	2127.0	2130.0	III		1	25	152	
	2000	2400	CULG	2127.0	2128.0	III	G	2	23	280	
	2032	2400	HIRA	2127.0	2128.0	III	B	2	25X	260	
			CULG	2129.0	2135.0	III	G	1	28	130	
			CULG	2154.0	2154.0	III	B	1	25	80	
			CULG	2228.0	2236.0	III	G	1	30	130	

Event Remarks:
- B = Single burst
- C = Underlying continuum (particularly with Type I)
- DC = Drifting chains
- DP = Drifting pairs
- F = Fundamental emission (Type II)
- FS = Fine structures (Type IV)
- G = Small group of bursts (<10)
- GG = Large group of bursts (>10)
- H = Herringbone
- HARM = Harmonic
- N = Intermittent activity in this period
- MOV = Moving (Type IV)
- MWB = Meter wave burst
- RS = Reverse slope burst
- S = Storm in the sense of intermittent but apparently connected actively
- SH = Secondary harmonic emission
- STA = Stationary (Type IV)
- U = U-shaped burst of Type III
- UE = Uncertain emission (Type II)
- W = Weak

Frequency qualifiers:
- X = Extends beyond instrument range
- U = Uncertain frequency

Remarks:
- SWF = Associated short wave fade observed
- ESS = Estimated shock speed in km/s (Type II)
- FLA = Associated flare observed (class optional)

Stations Reporting:
- CULG = Culgoora
- IZMI = Izmiran
- LEAR = Learmonth
- ONDR = Ondrejov
- PALE = Palehua
- POTS = Potsdam
- SGMR = Sagamore Hill
- SVTO = San Vito
- BLEN = Bleien