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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
01	0000	0720	CULG								
	0000	0926	HIRA								
	0452	1707	ONDR								
	0515	1740	BLEN								
	0550	1200	IZMI								
	0350	1830	POTS	1136.2	1350 U	I	S,N	2	220	300	
			POTS	1431.9	1435.8	III	G	3	100	380	
			POTS	1632.0	1632.3	III	G	2	100	300	
	1943	2400	HIRA								
	2040	2400	CULG	2349.0	2349.0	III	B	1	120	220	
			HOLL	2359.0	2359.0	III		1	25	71	
			PALE	2359.0	2359.0	III		1	25	80	
02	0000	0710	CULG	0328.0	0329.0	III	G	1	65	260	
	0000	0927	HIRA	0328.0	0329.0	III	B	1	110	280	
	0350	1830	POTS	0459.6	0505.7	III	GG,N	2	220	500	
			CULG	0505.0	0505.0	III	B	1	250	450	
			POTS	0606 U	1810 U	I	S,N	2	220	300	
			CULG	0639.0	0640.0	III	G	2	57X	180	
			HIRA	0639.0	0640.0	III	B	2	25X	250	
			LEAR	0639.0	0639.0	III		1	25	180	
			POTS	0639.2	0639.9	III	GG	2	80	320	
	0550	1200	IZMI	0639.2	0639.9	III	GG,C	2	25	270X	
			SVTO	0658.0	0704.0	III		1	25U	81U	
			POTS	0658.7	0659.2	III	G	2	40X	170U	
			IZMI	0658.8	0659.2	III	G	1	30	155	
			CULG	0659.0	0659.0	III	B	1	57X	120	
			CULG	0704.0	0706.0	III	G	1	57X	90	
			POTS	0739.9	0740.3	DCIM		2	330	540	
			IZMI	0950.1	0950.3	III	B	1	45	90	
	0515	1740	BLEN	1123.2	1126.9	III	GG	3	190	4000X	
			ONDR	1123.3	1125.5	DCIM	G	1	800X	2000X	
			POTS	1123.3	1124.8	DCIM		2	250	620	
	0450	1708	ONDR	1123.4	1125.2	DCIM	G	1	2000X	4500X	
			POTS	1126.2	1133.0	III	G	2	200U	340	
			HOLL	2103.0	2104.0	III		1	25	54	
			PALE	2103.0	2108.0	III		1	25	53	
	2050	2400	CULG	2103.0	2122.0	III	N	1	57X	150	
	1942	2400	HIRA	2103.5	2104.0	III	B	1	25X	110	
			HIRA	2108.0	2108.5	III	B	1	25X	200	
			HOLL	2108.0	2108.0	III		1	25	53	
			HIRA	2109.0	2115.0	II		1	70	140	
			CULG	2110.0	2113.0	UNCLF		1	60	150	II?
			HOLL	2112.0	2116.0	II		1	45	56	ESS 0478
			PALE	2112.0	2116.0	II		1	44	54	ESS 0506
			HIRA	2305.5	2306.0	III	B	1	50	190	
			LEAR	2355.0	2355.0	III		1	53	180	
			CULG	2356.0	2356.0	III	G	1	57X	180	
03			LEAR	0014.0	0014.0	III		1	79	180	
	0000	0710	CULG	0014.0	0014.0	III	B	1	70	160	
	0000	0928	HIRA	0014.0	0014.5	III	B	1	80	140	
			CULG	0308.0	0313.0	III	GG	1	57X	90	
			CULG	0326.0	0329.0	III	G	1	57X	450	
			HIRA	0326.5	0327.0	III	B	1	80	250	
			HIRA	0328.5	0329.0	III	B	1	130	230	
			CULG	0357.0	0358.0	III	G	1	150	420	
			HIRA	0357.0	0358.0	III	B	1	200	380	
	0350	1830	POTS	0357.2	0402.6	III	GG,N	3	200U	370	
			CULG	0401.0	0403.0	III	G	1	80	300	
			HIRA	0401.0	0403.0	III	G	2	100	300	
			LEAR	0401.0	0403.0	III		1	82	180	
			CULG	0425.0	0710.0D	I	S	1	120	180	
			POTS	0434 U	1825 U	I	S,DC,N	2	110	370	
	0449	1710	ONDR								
			POTS	0504.8	0505.9	III	G	2	110	370	
			POTS	0513.5	0514.7	III	G	2	130	270	
	0515	1740	BLEN								
	0550	1200	IZMI	0550.0E	1200.0D	I	S	2	120	270X	

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03			CULG	0608.0	0710.0D	III	S	1	57X	160	
			LEAR	0616.0	0941.0	III	N	1	61	180	
			IZMI	0619.3	0620.3	III	G	1	50	160	
			SVTO	0626.0	0653.0	III	N	1	28U	83U	
			IZMI	0627.8	0631.4	III	GG	1	45	90	
			IZMI	0633.5	0635.3	III	G	1	45	90	
			IZMI	0641.2	0649.4	III	GG	2	40	95	
			IZMI	0651.1	0654.3	III	GG	1	45	70	
			IZMI	0716.4	0716.5	III	B	2	170	210	
			SVTO	0931.0	1218.0	CONT		1	112U	180U	
			POTS	0958.1	0958.6	III	G	2	140	390	
			SVTO	1047.0	1047.0	III		1	28U	50U	
			IZMI	1047.2	1048.4	III	G	1	45	75	
			IZMI	1059.0	1059.5	III	G	2	40	80	
			SVTO	1059.0	1127.0	III	N	2	25	180	
			IZMI	1122.3	1125.0	III	GG	2	30	270X	
			POTS	1122.3	1126.5	III	GG	3	40X	400	
			SGMR	1125.0	1126.0	III		2	30	80	
			IZMI	1125.4	1126.4	III	GG	2	25	270X	
			POTS	1216.0	1217.1	III	GG	3	40X	460	
			SGMR	1216.0	1217.0	III		2	30	80	
			SVTO	1216.0	1217.0	III		2	25	180	
			POTS	1233.0	1233.5	III	G	3	40X	90	
			SVTO	1233.0	1510.0	III	N	2	25U	82U	
			SVTO	1318.0	1619.0	CONT		1	107U	180U	
			POTS	1326.8	1328.4	III	G	2	40X	70	
			HOLL	1332.0	1536.0	III	N	1	25	87	
			SGMR	1337.0	1337.0	III		2	30	65	
			POTS	1337.4	1345.5	III	G,N	3	40X	90	
			HOLL	1338.0	2116.0	CONT		1	109	180	
			SGMR	1450.0	1510.0	III	N	1	30	80	
			POTS	1450.7	1451.1	III	G	2	40X	330	
			POTS	1510.1	1510.4	III	B	2	40X	140	
			HOLL	1703.0	2124.0	III	N	1	25	180	
			PALE	1733.0	2202.0	III	N	1	25	135	
			SGMR	1802.0	1804.0	V		1	30	55	
			HOLL	1930.0	1930.0	III		1	25	180	
			SGMR	1930.0	1930.0	III		2	30	80	
			HOLL	2016.0	2018.0	III		1	25	151	
	1941	2400	HIRA	2016.0	2017.0	III	B	2	25X	200	
			CULG	2050.0E	2125.0	III	S	1	57X	130	
	2050	2400	CULG	2050.0E	2345.0	I	S	1	110	170	
			SGMR	2100.0	2100.0	III		1	30	60	
			HIRA	2115.0	2120.5	III	G	1	25X	130	
			LEAR	2300.0	0012.0	CONT		1	71	180	
			CULG	2307.0	2322.0	III	GG	1	57X	130	
			PALE	2307.0	0333.0	III	N	1	25	180	
			HOLL	2312.0	2348.0	III	N	1	25	86	
			HIRA	2314.0	2315.0	III	B	1	140	270	
			HOLL	2355.0	2355.0	III		1	25	140	
			LEAR	2355.0	2355.0	III		1	53	180	
04			HOLL	0052.0	0055.0	III		1	25	111	
			LEAR	0052.0	0244.0	III	N	1	25	180	
	0000	0710	CULG	0052.0	0057.0	III	G	1	57X	140	
			CULG	0115.0	0130.0	III	GG	2	57X	200	
			HOLL	0115.0	0129.0	III	N	1	25	180	
	0000	0929	HIRA	0115.0	0129.0	III	G	1	25X	200	
			CULG	0137.0	0212.0	III	N	1	57X	140	
			CULG	0347.0	0347.0	III	B	1	57X	90	
			CULG	0412.0	0412.0	III	B	1	57X	130	
			HIRA	0412.0	0412.5	III	B	1	25X	100	
			LEAR	0412.0	0412.0	III		1	25	98	
			LEAR	0434.0	0455.0	III	N	1	63	109	
			CULG	0435.0	0441.0	III	G	1	57X	90	II?
	0350	1835	POTS	0455 U	0542 U	I	S,N	2	200U	320	
			POTS	0635 U	0748 U	I	S,N	2	150	300	
			POTS	0915 U	1011 U	I	S,N	2	200U	330	
	0601	1200	IZMI	0955.2	0955.7	III	G	1	50	70	

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04			IZMI	0958.0	0958.1	III	B	1	45	75	
			IZMI	1029.4	1029.5	III	B	1	45	70	
			SGMR	1042.0	1043.0	III		2	30	80	
			SVTO	1042.0	1044.0	III		2	25	146	
			IZMI	1042.7	1044.4	III	GG	2	25X	160	
			POTS	1042.8	1044.4	III	G	3	40X	160	
			POTS	1103.9	1104.4	III	G	2	40X	160	
			IZMI	1104.0	1104.1	III	B	1	60	145	
			POTS	1136 U	1341 U	I	S,N	2	100	330	
			POTS	1209.3	1209.4	III	B	1	40X	140	
	0515	1740	BLEN	1311.8	1312.5	III	G,C	2	470	4000X	
			BLEN	1317.2	1325.6	II		2	210	4000X	
			HOLL	1318.0	1430.0	III	N	1	25	114	
			SVTO	1318.0	1422.0	III	N	1	25	147	
			POTS	1318.8	1322.5	III	G,N	2	40X	330	
	0447	1711	ONDR	1319.1	1334.2	DCIM	GG	1	800X	1156	
			POTS	1333.9	1334.1	III	B	2	200U	370	
			POTS	1417.8	1418.5	I	DC	2	130	150	
			POTS	1431.5	1455 U	I	S,N	1	220	400	
			POTS	1505 U	1535 U	I	S,DC,N	1	140	320	
			BLEN	1521.5	1521.7	III		1	210	500	
			POTS	1521.5	1521.7	III	G	2	200U	500	
			POTS	1652 U	1757 U	I	S,DC,N	1	120	380	
			HOLL	1654.0	1656.0	III		1	25	141	
			POTS	1655.0	1656.2	III	G	2	100	360	
			SVTO	1655.0	1656.0	III		1	29	172	
			HOLL	1711.0	1827.0	III	N	1	25	133	
	1940	2400	HIRA	2015.5	2018.0	III	G	1	90	300	
	2050	2400	CULG	2055.0	2055.0	III	B	1	57X	150	
			PALE	2124.0	2125.0	III		1	25	65	
			HIRA	2124.5	2125.0	III	B	1	25X	130	
			CULG	2125.0	2125.0	III	B	1	57X	150	
			CULG	2206.0	2207.0	III	G	1	57X	130	
			HIRA	2206.0	2207.0	III	B	1	25X	160	
			HOLL	2206.0	2206.0	III		1	25	86	
			PALE	2206.0	2206.0	III		1	25	87	
			SGMR	2206.0	2206.0	III		2	30	80	
			CULG	2302.0	2302.0	III	B	1	57X	170	
05	0000	0710	CULG	0209.0	0209.0	III	B	1	57X	150	
			CULG	0405.0	0405.0	III	B	1	57X	180	
			LEAR	0405.0	0453.0	III	N	1	25	180	
	0000	0930	HIRA	0405.0	0405.5	III	B	1	90	210	
			HIRA	0421.5	0422.5	III	B	1	25X	180	
			CULG	0422.0	0422.0	III	B	1	57X	180	
	0350	1835	POTS	0437.3	0437.4	DCIM		2	360	440	
			POTS	0441.7	0444.5	III	GG	2	100	380	
			CULG	0442.0	0444.0	III	G	1	57X	300	
			HIRA	0442.0	0444.0	III	G	1	30	310	
			SVTO	0442.0	0554.0	III	N	1	25	180	
	0446	1712	ONDR								
			HIRA	0452.5	0453.5	III	B	2	30	240	
			POTS	0452.6	0453.2	III	G	2	100	320	
			CULG	0453.0	0454.0	III	G	1	57X	250	
	0510	1740	BLEN								
			POTS	0539.0	1806 U	I	S,N	2	200U	360	
			POTS	0603.2	0603.9	III	G	2	140	300	
	0550	1200	IZMI	0603.2	0603.9	III	G	1	145	270X	
			LEAR	0616.0	0618.0	III		1	80	180	
			HIRA	0618.5	0619.0	III	B	1	90	200	
			IZMI	0618.7	0618.8	III	G	1	120	220	
			POTS	0618.7	0619.0	III	G	1	110	230	
			POTS	0722.0	0723.3	III	GG	2	110	380	
			IZMI	0722.7	0723.3	III	G	1	185	270X	
			HIRA	0805.0	0809.0	III	G	1	80	210	
			LEAR	0805.0	0808.0	III		1	25	180	
			IZMI	0805.5	0805.7	III	G,U	2	130	210	
			POTS	0805.5	0807.6	III	G,N	2	120	390	
			SVTO	0806.0	0808.0	III		1	25	180	

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05			IZMI	0807.5	0808.7	III	G	2	30	215	
			SVTO	1149.0	1149.0	III		1	25U	83U	
			IZMI	1149.1	1149.3	III	B	1	30	65	
			POTS	1658.4	1658.6	III	B	2	200U	350	
			HOLL	1758.0	1801.0	III		1	25	84	
			HOLL	1912.0	1921.0	III		1	25	180	
			SGMR	1914.0	1914.0	III		1	30	65	
			HOLL	2059.0	2059.0	III		1	25	180	
			SGMR	2059.0	2100.0	III		1	30	60	
	2050	2400	CULG	2059.0	2100.0	III	G	1	57X	170	
			CULG	2131.0	2216.0	III	N	1	57X	180	
			HOLL	2200.0	2200.0	III		1	25	84	
			HOLL	2215.0	2215.0	III		1	108	180	
	1939	2400	HIRA	2215.5	2216.0	III	B	2	90	270	
			HOLL	2248.0	0130.0	III	N	1	25	12	
			CULG	2251.0	2251.0	III	B	1	57X	90	
			LEAR	2347.0	2348.0	III		1	25	145	
			CULG	2348.0	2349.0	III	G	1	57X	170	
			HIRA	2348.0	2348.5	III	B	1	25X	140	
06			LEAR	0009.0	0210.0	III	N	1	25	180	
	0000	0710	CULG	0010.0	0036.0	III	N	1	57X	130	
	0000	0930	HIRA	0108.5	0109.0	III	B	2	25X	120	
			CULG	0109.0	0109.0	III	G	2	57X	180	
			CULG	0206.0	0210.0	III	G	1	57X	180	
			HIRA	0209.0	0209.5	III	B	1	25X	110	
			CULG	0306.0	0432.0	III	N	1	57X	180	
			LEAR	0306.0	0306.0	III		1	25	104	
			LEAR	0330.0	0939.0	III	N	1	25	180	
			HIRA	0421.5	0427.0	III	G	1	25X	200	
			CULG	0432.0	0710.0D	III	S,C	1	57X	180	
			IZMI	0602.0E	1200.0U	III	S	2	40	90	
	0602	1200	IZMI	0602.0E	1200.0D	I	S,C	2	60	270X	
			IZMI	0730.5	0730.7	III	B	1	30	50	
			SVTO	0810.0	1029.0	III	N	1	25	180	
			IZMI	0817.9	0818.5	III	G	2	40	70	
	0510	1740	BLEN	0821.8	0829.1	III	G,RS	1	130	700	
			HIRA	0822.5	0823.0	III	B	1	110	260	
			IZMI	0822.5	0822.7	III	B	3	110	270X	
			IZMI	0823.3	0823.8	III	G	2	40	70	
			IZMI	0826.5	0830.0	III	GG	2	40	90	
			IZMI	0828.3	0829.0	III	G	2	110	270X	
			IZMI	0835.1	0836.8	III	GG	2	30	130	
			IZMI	0837.6	0837.8	III	G	2	120	260	
			IZMI	0850.0U	1200.0	III	N	1	40	90	
			IZMI	0908.7	0908.8	III	B	2	120	255	
			IZMI	0916.0	0916.1	III	G	2	40	90	
			IZMI	1029.1	1029.3	III	B	2	25X	90	
	0622	1714	ONDR	1055.3	1057.4	DCIM	G	1	955	2000X	
			BLEN	1055.5	1057.5	DCIM	S	1	260	2800	
			BLEN	1334.5	1340.3	III	G	1	130	400	
			HOLL	1339.0	1340.0	III		1	109	180	
			SVTO	1340.0	1340.0	III		1	126	180	
			BLEN	1401.5	1401.8	III	GG,RS	1	200	1250	
			SVTO	1415.0	1431.0	III	N	1	25	61	
			HOLL	1423.0	1431.0	III		1	25	59	
			SVTO	1557.0	1557.0	III		1	130	180	
			BLEN	1557.6	1557.7	III	V	2	120	320	
			HOLL	1807.0	1807.0	III		1	25	57	
			HOLL	1834.0	1834.0	III		1	25	140	
			SGMR	1834.0	1834.0	III		1	30	65	
			PALE	1854.0	0406.0	III	N	1	25	180	
			HOLL	1932.0	1932.0	III		1	25	55	
			HOLL	2108.0	0130.0	III	N	1	25	88	
	2050	2400	CULG	2109.0	2250.0	III	N	1	57X	120	
			CULG	2317.0	2400.0D	I	S	1	120	180	
			CULG	2350.0	2358.0	III	G	1	57X	140	
	1938	2400	HIRA	2350.0	2353.0	III	G	1	25X	80	

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07	0000	0710	CULG	0000.0E	0020.0	I	S	1	120	180	
			CULG	0003.0	0057.0	III	N	1	57X	180	
	1937	2400	HIRA	0106.5	0107.0	III	B	1	25X	80	
			LEAR	0120.0	0355.0	III	N	1	25	180	
			CULG	0333.0	0340.0	III	G	1	57X	90	
			CULG	0341.0	0348.0	III	GG	2	57X	420	
	0000	0931	HIRA	0341.0	0347.0	III	G	2	25X	260	
	0344	1840	POTS	0344 U	1352 U	I	S,DC,C	3	40X	600	
			CULG	0345.0	0710.0D	IV	FS	2	57X	1300	
			HIRA	0350.0	0430.0	IV		2	25X	1000	
			LEAR	0355.0	0938.0	CONT		1	25	180	
			PALE	0359.0	0442.0	CONT		1	25	180	
			SVTO	0408.0	1456.0	CONT		1	25	180	
			IZMI	0602.0E	1200.5D	III	N	2	25X	95	
	0602	1205	IZMI	0602.0E	1200.5D	I	S,C	2	50	270X	
			SVTO	0611.0	1610.0	III	N	2	25	180	
			POTS	0810.6	1352 U	III	GG,N	3	40X	170U	
			IZMI	0857.6	0859.2	III	G	2	25X	90	
			IZMI	0901.2	0904.3	I	GG,DC	2	55	70	
			IZMI	0952.4	0954.2	III	G	2	25X	95	
			HOLL	1310.0	2015.0	III	N	1	25	141	
	0609	1715	ONDR	1315.5	1316.4	DCIM	G	1	1002	2000X	
	0505	1745	BLEN	1315.9	1316.8	DCIM	P	2	1000	2400	
			POTS	1352 U	1831 U	I	S,DC	2	120	350	
			ONDR	1408.3	1411.3	DCIM	GG	2	992	2000X	
			POTS	1523.2	1525.0	III	G	2	40X	70	
			PALE	1807.0	0409.0	III	N	1	25	180	
	2050	2400	CULG	2050.0E	2400.0D	I	S	1	120	180	
			HOLL	2106.0	2107.0	III		1	25	64	
			CULG	2107.0	2300.0	III	N	1	57X	160	
			HOLL	2147.0	0100.0	III	N	1	25	74	
			LEAR	2302.0	0937.0	III	N	1	95	180	
			LEAR	2350.0	0029.0	III	N	1	25	180	
08	0000	0709	CULG	0000.0E	0038.0	I	S	1	130	180	
			CULG	0010.0	0010.0	III	G	1	57X	90	
			CULG	0056.0	0710.0D	III	N	1	57X	180	
	0000	0932	HIRA	0230.5	0231.0	III	B	1	200	340	
			CULG	0231.0	0231.0	III	B	1	200	360	
			SVTO	0551.0	0725.0	III	N	1	25U	82U	
	0600	1200	IZMI	0604.6	0609.7	III	GG	1	40	90	
			IZMI	0619.6	0619.7	III	B	1	45	90	
			IZMI	0755.0U	1200.0	I	S	2	120	270X	
			SVTO	0803.0	0804.0	III		1	37U	81U	
			HIRA	0803.5	0804.0	III	B	1	50	150	
			IZMI	0803.8U	0804.2	III	G,FS	2	40	140	
			SVTO	0824.0	0825.0	III		1	34U	83U	
			SVTO	0824.0	0920.0	III	N	1	34U	83U	
			IZMI	0824.8	0825.1	III	G,HARM	2	40	160	
			IZMI	0851.2	0851.5	III	G	1	40	65	
	0500	1745	BLEN	0855.3	0855.8	III		2	190	300	
			IZMI	1146.2	1146.4	III	G,HARM	2	45	175	
			ONDR	1237.0	1415.5	DCIM	GG	2	800X	2000X	
			HOLL	1243.0	1651.0	CONT		2	25	180	
			BLEN	1252.2	1535.0	DCIM	P,S,Z	3	130	3400	
			SVTO	1253.0	1634.0	CONT		2	25	180	
	0452	1716	ONDR	1254.2	1323.0	DCIM	GG	2	2000X	4500X	
			SGMR	1308.0	1641.0	CONT		1	30	80	
			HOLL	1523.0	1605.0	III	N	1	25	180	
			SGMR	1551.0	1552.0	III		1	30	80	
			SVTO	1551.0	1551.0	III		2	25U	124U	
			HOLL	1810.0	2000.0	III	N	1	25	180	
			PALE	1842.0	0442.0	III	N	1	25	180	
			SGMR	1844.0	1913.0	III	N	1	30	80	
	2050	2400	CULG	2050.0E	2320.0	III	N	1	57X	180	
			CULG	2229.0	2232.0	III	G	1	57X	280	
	1936	2400	HIRA	2229.0	2231.5	III	G	1	60	290	
09	0000	0720	CULG	0022.0	0022.0	III	B	1	57X	160	

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09			CULG	0215.0	0218.0	III	G	1	57X	90	
	0000	0932	HIRA	0215.0	0215.5	III	B	1	25X	80	
			LEAR	0223.0	0320.0	III	N	1	25	143	
			CULG	0231.0	0326.0	III	N	1	57X	150	
			CULG	0323.0	0357.0	I	S	1	120	180	
			CULG	0423.0	0423.0	III	B	1	57X	180	
			HIRA	0423.0	0423.5	III	B	1	60	210	
			LEAR	0423.0	0455.0	III	N	1	72	180	
			CULG	0433.0	0442.0	III	G	1	57X	180	
	0449	1717	ONDR								
	0550	1200	IZMI	0550.0	1200.0D	I	N	2	90	270X	
			CULG	0630.0	0630.0	III	B	1	57X	160	
			HIRA	0630.0	0630.5	III	B	1	50	180	
	0455	1745	BLEN	0640.2	0640.7	III	J	2	280	700	
			CULG	0656.0	0659.0	III	G	1	130	220	
			HIRA	0656.0	0659.0	III	G	1	130	400	
			IZMI	0656.3	0659.2	III	GG	2	140	270X	
			CULG	0711.0	0716.0	III	G	2	57X	180	
			HIRA	0711.0	0715.0	III	G	2	30	350	
			LEAR	0711.0	0715.0	V		2	25	180	
			SVTO	0711.0	0715.0	V		2	25	164	
			IZMI	0711.1	0711.3	III	G	1	25	90	
			IZMI	0712.4	0714.1	III	GG,FS	2	25X	270X	
			IZMI	0714.1	0715.6	III	GG,FS	2	25X	270X	
			SVTO	0801.0	1218.0	CONT		1	75	180	
			BLEN	0803.4	0804.2	III	GG	2	390	500	
			LEAR	0805.0	0937.0	CONT		1	25	180	
			IZMI	0809.2	0833.0U	III	N	1	45	95	
			IZMI	0824.1	0824.4	III	G	1	45	95	
			HIRA	0834.0	0836.0	III	G	1	30	130	
			SVTO	0834.0	0835.0	V		2	25	155	
			IZMI	0834.2	0835.7	III	GG,C	2	25X	95	
			IZMI	1035.8	1036.1	III	GG	2	160	270X	
			IZMI	1049.0	1052.8	III	GG,C	2	25X	270X	
			SVTO	1049.0	1049.0	V		2	25	180	
			BLEN	1142.8	1143.6	III	G,C	2	140	600	
			IZMI	1142.9	1143.6	III	GG	2	25	270X	
			SVTO	1143.0	1145.0	III		1	25	180	
			IZMI	1144.0	1145.6	III	GG	2	25	270X	
			IZMI	1159.8	1159.8	III	G	2	45	155	
			SVTO	1231.0	1234.0	III		1	25	81	
			SVTO	1318.0	1338.0	III	N	1	25U	83U	
			HOLL	1329.0	1329.0	III		1	25	86	
			SVTO	1409.0	1409.0	III		1	28	75	
			HOLL	1438.0	1441.0	III		1	25	141	
			SVTO	1438.0	1443.0	III		1	25	174	
			SGMR	1439.0	1441.0	III		1	30	55	
			BLEN	1440.9	1441.2	III	GG,S	2	140	800	
			HOLL	1526.0	1527.0	III		1	25	140	
	1935	2208	HIRA								
	2050	2400	CULG	2055.0	2101.0	III	G	1	57X	160	
10	0000	0710	CULG	0058.0	0102.0	III	G	1	57X	100	
			CULG	0110.0	0110.0	III	G	1	250	420	
			CULG	0200.0	0202.0	III	G	1	57X	90	
			CULG	0231.0	0233.0	III	G	1	57X	180	
			LEAR	0239.0	0243.0	III		1	25	180	
			CULG	0240.0	0244.0	III	G	2	57X	180	
			CULG	0252.0	0252.0	III	B	1	57X	180	
	0344	1840	POTS	0353 U	1820 U	I	N,S,DC	2	120	380	
	0447	1719	ONDR								
	0450	1400	BLEN	0450.0X	1400.0X	I	DC	3	180	380	
			CULG	0452.0	0453.0	III	G	1	57X	420	
			LEAR	0452.0	0453.0	III		1	52	180	
			SVTO	0452.0	0453.0	III		1	40	180	
			BLEN	0452.3	0453.0	III	GG	3	140	550	
			POTS	0452.3	0453.3	III	GG	3	110U	450	
	0455	0933	HIRA								
			SVTO	0520.0	0755.0	CONT		1	111U	180U	

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10	0602	1200	IZMI	0602.0E	1200.0	I	N	1	180	270X	
			POTS	0838.5	0838.6	III	B	2	110U	160	
			POTS	1048.4	1048.6	III	G	1	110U	140	
			SVTO	1115.0	1115.0	III		1	33U	82U	
			IZMI	1115.2	1115.3	III	B	1	45	95	
			POTS	1115.2	1115.4	III	B	1	40X	140	
			SVTO	1149.0	1155.0	III		1	25U	83U	
			IZMI	1155.2	1155.7	III	GG	1	25X	170	
			POTS	1155.3	1156.0	III	GG	2	40X	170U	
			HOLL	1329.0	1330.0	III		1	25	85	
			POTS	1329.8	1330.2	III	G	2	40X	150	
			SVTO	1330.0	1330.0	III		1	25	82	
			HOLL	1358.0	1359.0	III		1	25	55	
			SVTO	1358.0	1359.0	III		1	25	56	
			SVTO	1717.0	1717.0	III		1	112	180	
			POTS	1717.8	1718.1	III	G	3	130	350	
			HOLL	1754.0	1817.0	III	N	1	25	115	
			PALE	1807.0	1808.0	III		1	25	86	
			SGMR	1807.0	1807.0	III		2	30	80	
	1934	2400	HIRA	1934.0	1934.5	III	B	1	80	230	
			HIRA	2147.5	2148.0	III	B	1	130	300	
	2050	2400	CULG	2148.0	2148.0	III	B	1	75	280	
			HOLL	2301.0	2302.0	III		1	25	94	
			CULG	2339.0	2341.0	III	G	1	110	180	
			HIRA	2339.0	2339.5	III	B	1	110	250	
			CULG	2358.0	2358.0	III	B	1	400	500	
11			LEAR	0007.0	0014.0	III		1	25	180	
			HOLL	0008.0	0009.0	III		1	25	150	
	0000	0710	CULG	0008.0	0014.0	III	G	1	57X	180	
			CULG	0113.0	0122.0	III	GG	1	57X	180	
			LEAR	0115.0	0122.0	III		1	25	180	
	0000	0933	HIRA	0118.0	0118.5	III	B	1	30	170	
			HIRA	0249.0	0249.5	III	B	1	280	420	
			CULG	0255.0	0300.0	UNCLF		1	57X	130	II?
			CULG	0258.0	0258.0	III	G	1	220	430	
			HIRA	0258.0	0258.5	III	B	1	190	480	
			CULG	0307.0	0307.0	III	B	1	57X	140	
			CULG	0438.0	0438.0	III	G	1	57X	90	
			CULG	0458.0	0519.0	III	N	1	57X	180	
	0342	1842	POTS	0458.0	0517.3	III	GG,N	3	40X	380	
			POTS	0508.2	0920 U	I	S,N	2	200U	350	
			SVTO	0511.0	0513.0	III		1	25	162	
			HIRA	0511.5	0514.0	III	G	2	25X	310	
			CULG	0512.0	0513.0	III	G	2	57X	450	
			LEAR	0512.0	0513.0	III		1	25	180	
			CULG	0553.0	0559.0	III	G	1	57X	80	
	0600	1200	IZMI	0600.0E	0951.0U	I	N	1	190	270X	
	0446	1720	ONDR	0653.5	0655.3	DCIM	G	1	2439	4500X	
			ONDR	0852.5	0855.0	DCIM	G	1	2410	4500X	
			SVTO	0924.0	0924.0	III		1	25	55	
			IZMI	0924.7	0924.9	III	B	1	25X	55	
			IZMI	0954.0	0954.3	III	G	1	25X	80	
			SVTO	0954.0	0954.0	III		1	25	58	
			POTS	0954.1	0954.2	III	B	2	40X	60	
			IZMI	0958.6	0958.7	III	B	2	125	165	
			POTS	0958.6	0958.8	III	B	2	130	170U	
			SVTO	1039.0	1045.0	III		1	25	127	
			IZMI	1039.2	1039.9	III	G	2	25X	95	
			POTS	1039.3	1039.9	III	G,RS	2	40X	170U	
			IZMI	1043.9	1045.3	III	GG	1	40X	170	
			POTS	1044.6	1045.3	III	GG	2	40X	300	
			ONDR	1124.1	1133.0	DCIM	G	1	800X	2000X	
			POTS	1125.1	1129.7	I	S,DC	2	140	350	
			IZMI	1127.5	1132.8	III	GG	1	130	270X	
			SVTO	1131.0	1146.0	II		2	29	180	ESS 0415
			IZMI	1131.3	1147.6	II	HARM	2	32	210	
			POTS	1131.4	1148 U	II		2	40X	220	
			SGMR	1133.0	1142.0	II		2	35	80	ESS 0500

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11			IZMI	1137.9	1139.7	III	G	2	35	42	
			IZMI	1148.1	1150.0	III	G	1	45	95	
			SVTO	1149.0	1150.0	III		1	25	78	
			POTS	1241	1244	I	S,DC	2	220	300	
			POTS	1502	1505	I	S,DC	2	120	150	
			HOLL	1503.0	1504.0	III		1	25	84	
			SVTO	1503.0	1504.0	III		1	29U	135U	
			POTS	1520	1531	I	S,N	1	200U	280	
			HOLL	1621.0	1624.0	III		1	25	180	
			SVTO	1621.0	1624.0	III		1	25	162	
			POTS	1621.2	1631.9	III	GG,N	3	110U	400	
			POTS	1633.7	1633.8	UNCLF		2	140	170U	
			POTS	1637	1719	I	S,N	1	200U	280	
			HOLL	1644.0	1645.0	III		1	25	65	
			SVTO	1644.0	1644.0	III		1	29	78	
			HOLL	1807.0	1819.0	III	N	1	25	136	
			SGMR	1815.0	1816.0	III		1	30	60	
	2050	2400	CULG	2126.0	2126.0	III	G	1	57X	150	
			CULG	2151.0	2152.0	III	G	1	120	180	
			CULG	2214.0	2215.0	III	G	1	57X	180	
			HOLL	2214.0	2214.0	III		1	25	180	
	1933	2400	HIRA	2214.0	2215.0	III	G	1	25X	300	
			CULG	2313.0	2314.0	III	G	1	57X	150	
			CULG	2319.0	2319.0	III	G	1	100	160	
12	0000	0934	HIRA	0002.5	0003.0	III	B	1	180	300	
			HOLL	0013.0	0013.0	III		1	25	141	
			LEAR	0013.0	0014.0	III		1	25	180	
	0000	0710	CULG	0013.0	0015.0	III	G	1	57X	180	
			HIRA	0013.5	0015.0	III	G	1	25X	190	
			CULG	0055.0	0055.0	III	B	1	57X	90	
			CULG	0134.0	0134.0	III	B	1	57X	90	
			CULG	0155.0	0159.0	III	G	1	60	180	
			HIRA	0155.5	0156.0	III	B	1	90	190	
			LEAR	0252.0	0252.0	III		1	124	180	
			HIRA	0252.5	0253.0	III	B	1	110	280	
			CULG	0253.0	0253.0	III	G	1	120	260	
			CULG	0258.0	0258.0	III	B	1	57X	100	
			HIRA	0258.0	0258.5	III	B	1	30	110	
			LEAR	0258.0	0258.0	III		1	30	99	
	0340	1843	POTS	0412	1031 U	I	S,N,DC	2	200U	380	
			CULG	0415.0	0415.0	III	B	1	70	160	
	0455	1721	ONDR								
			CULG	0546.0	0547.0	III	G	1	240	380	
			HIRA	0547.0	0547.5	III	B	1	210	370	
	0604	1200	IZMI	0604.0E	1020.0U	I	N	1	170	270X	
			IZMI	0823.1	0825.6	III	G	2	120	270X	
			HIRA	0824.0	0824.5	III	B	1	100	180	
			LEAR	0824.0	0824.0	III		1	108	180	
			POTS	0824.3	0826.7	III	G,N	2	120	350	
			IZMI	0828.4	0828.9	III	G	1	195	270X	
			IZMI	0843.7	0844.0	III	G	2	220	270X	
			POTS	1028.7	1029.2	III	G	1	120	140	
			POTS	1055	1143 U	I	S,N	1	200U	300	
			POTS	1153.5	1209.5	III	GG,N	3	40X	350	
			IZMI	1153.6	1156.0	III	GG	2	25X	145	
			IZMI	1156.7	1157.9	III	GG	2	25X	270X	
			SGMR	1157.0	1157.0	III		1	30	80	
			SVTO	1157.0	1157.0	III		1	25	180	
			POTS	1227	1824 U	I	S,N	2	120	400	
			HOLL	1338.0	1339.0	III		1	25	72	
			SVTO	1338.0	1339.0	III		1	25	55	
			HOLL	1740.0	1815.0	III	N	1	25	109	
			LEAR	2330.0	0002.0	III	N	1	25	180	
	1932	2400	HIRA	2338.5	2339.0	III	B	1	50	200	
	2050	2400	CULG	2339.0	2339.0	III	B	1	57X	130	
			CULG	2349.0	2352.0	III	G	1	57X	180	
			HIRA	2349.0	2351.0	III	G	1	25X	200	

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13	0000	0710	CULG	0003.0	0003.0	III	B	1	65	150	
			CULG	0041.0	0041.0	III	B	1	70	180	
			LEAR	0041.0	0041.0	III		1	65	180	
			CULG	0053.0	0056.0	III	G	1	57X	260	
			LEAR	0053.0	0104.0	III		1	25	180	
	0000	0935	HIRA	0053.0	0056.0	III	G	2	30	260	
			HOLL	0054.0	0055.0	III		1	25	180	
			CULG	0102.0	0109.0	III	GG	1	57X	90	II?
			CULG	0252.0	0252.0	III	B	2	57X	150	
			HIRA	0252.0	0252.5	III	B	2	50	140	
			LEAR	0252.0	0252.0	III		1	52	156	
			CULG	0254.0	0254.0	III	G	1	57X	90	
	0340	1844	POTS	0452	0523 U	I	S,N	1	120	300	
			CULG	0502.0	0503.0	III	G	1	57X	140	
	0550	1200	IZMI	0550.0E	1045.0U	I	N	1	200	270	
			POTS	0618	0712	I	S,N	1	200U	300	
	0453	1722	ONDR	0745.1	0745.4	DCIM	GG	1	2000X	3680	
	0740	1115	BLEN	0745.1	0745.9	DCIM	P	2	2000	3700	
			POTS	0841	0944	I	S,N,DC	2	200U	360	
			SVTO	0848.0	0848.0	III		1	25U	42U	
			POTS	0942.3	0943.6	DCIM		1	400	500	
			POTS	1012	1207 U	I	S,N	2	200U	320	
			POTS	1231.7	1804 U	I	S,N,DC	2	200U	380	
			POTS	1232.0	1232.2	III	B	2	220	550	
			SVTO	1255.0	1255.0	III		1	25	76	
			POTS	1347.8	1348.0	III	B	2	200U	550	
			POTS	1638.7	1639.3	DCIM		2	250	600	
			HOLL	2049.0	2053.0	III		1	25	180	
			PALE	2050.0	2053.0	III		1	25	180	
	1931	2400	HIRA	2050.0	2053.0	III	G	1	25X	230	
	2050	2400	CULG	2050.0	2053.0	III	G	1	57X	180	
			CULG	2058.0	2106.0	II	SH	2	57X	120	ESS 500
			HIRA	2058.0	2106.0	II		1	60	120	
			PALE	2058.0	2107.0	II		1	25	180	ESS 0309
			HOLL	2059.0	2111.0	II		1	30	121	ESS 0831
			HOLL	2330.0	2351.0	III	N	1	25	129	
14			LEAR	0057.0	0102.0	III		1	25	180	
	0000	0710	CULG	0057.0	0103.0	III	G	1	57X	180	
			HOLL	0101.0	0102.0	III		1	25	138	
	0000	0936	HIRA	0103.0	0104.0	III	B	1	25X	210	
			LEAR	0440.0	0442.0	III		1	70	141	
	0340	1844	POTS	0440.8	0442.6	III	G	1	110U	140	
			CULG	0441.0	0443.0	III	G	1	57X	150	
			HIRA	0441.0	0441.5	III	B	1	50	110	
	0452	1723	ONDR								
			POTS	0514	0554	I	S,N	1	250	300	
			POTS	0523.5	0524.9	III	G	2	110U	160	
			CULG	0524.0	0525.0	III	G	1	57X	170	
			LEAR	0524.0	0747.0	CONT		1	74	180	
			HIRA	0524.5	0525.0	III	B	1	50	130	
			SVTO	0526.0	0747.0	CONT		1	109U	126U	
			CULG	0618.0	0618.0	III	B	1	57X	170	
			HIRA	0618.0	0618.5	III	B	1	50	140	
			SVTO	0618.0	0618.0	III		1	46	81	
	0600	1200	IZMI	0618.1	0618.4	III	B	2	55	150	
			POTS	0618.2	0618.4	III	G	2	110U	160	
			HIRA	0627.0	0627.5	III	B	1	60	150	
			POTS	0627.3	0627.7	III	G	2	110U	160	
			IZMI	0627.5	0627.6	III	B	1	65	125	
			CULG	0628.0	0628.0	III	B	1	57X	170	
			POTS	0640.5	0729	I	S,N	2	120	300	
			IZMI	0640.8	0641.1	III	G	1	190	270X	
			CULG	0655.0	0655.0	III	B	1	57X	140	
			HIRA	0655.0	0655.5	III	B	1	50	100	
			IZMI	0655.3	0655.5	III	B	2	60	140	
			POTS	0655.3	0655.6	III	B	2	40X	140	
			SVTO	0726.0	0727.0	III		1	25	56	
			HIRA	0726.5	0727.0	III	B	1	50	130	

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14			IZMI	0726.5	0726.9	III	G	2	60	155	
			POTS	0726.5	0727.3	III	GG	2	40X	140	
			HIRA	0733.0	0743.0	II		1	50	110	
			POTS	0733.2	0743	II		2	40X	120	
			SVTO	0738.0	0746.0	II		1	40	75	ESS 0543
			IZMI	0738.2	0743.7	II	HARM	1	45	100	
			LEAR	0747.0	0824.0	IV		1	57	180	
			SVTO	0747.0	0800.0	IV		1	25	75	
			IZMI	0747.3	0752.5	III	GG	1	25X	50	
			IZMI	0748.5	0751.7	II	G	1	55	75	
			POTS	0759.5	1027	I	S,N,DC	2	200U	450	
			IZMI	0823.0U	0848.0U	I	N	1	190	270X	
	0445	1800	BLEN	0823.7	0905.0	I	DC	3	230	600	
			SVTO	1114.0	1114.0	III		1	25	180	
			IZMI	1114.1	1115.0	III	GG,C	2	25	175	
			POTS	1114.1	1114.8	III	G	2	40X	160	
			POTS	1114.3	1115.2	V	G	2	40X	70	
			BLEN	1312.3	1313.1	DCIM	P	1	600	2000	
			HOLL	1319.0	1321.0	III		1	25	162	
			HOLL	1319.0	1425.0	III	N	1	25	162	
			SGMR	1319.0	1321.0	III		1	30	80	
			SVTO	1319.0	1321.0	III		1	25	180	
			POTS	1319.1	1321.6	III	GG	3	40X	240	
			SVTO	1343.0	1345.0	III		1	25	79	
			POTS	1343.1	1343.7	III	G	2	40X	240	
			POTS	1413.3	1415.0	III	G	2	40X	240	
			SVTO	1414.0	1425.0	III	N	1	25	180	
			POTS	1414.5	1415.0	V		2	40X	150	
			POTS	1415	1425	I	S,C	2	120	170U	
	2050	2400	CULG	2310.0	2310.0	III	B	1	57X	140	
			LEAR	2323.0	2325.0	III		1	60	147	
			CULG	2339.0	2340.0	III	G	1	57X	90	
			HOLL	2339.0	2340.0	III		1	25	81	
			LEAR	2339.0	2340.0	III		1	55U	98U	
			LEAR	2353.0	2354.0	III		1	62	180	
	1930	2400	HIRA	2353.5	2354.0	III	B	1	80	210	
			CULG	2354.0	2354.0	III	B	1	80	180	
15	0000	0937	HIRA								
	0000	0710	CULG	0015.0	0015.0	III	B	1	100	130	
			LEAR	0105.0	0117.0	III	N	1	61U	154U	
			CULG	0107.0	0107.0	III	B	1	57X	90	
			CULG	0118.0	0118.0	III	B	1	100	130	
	0449	1724	ONDR								
	0340	1844	POTS	0453 U	1727 U	I	S,N,DC	2	200U	320	
			POTS	0658.8	0700.2	DCIM		2	450	750	
	0445	1800	BLEN	0805.0	0811.9	DCIM	P	2	400	4000X	
			POTS	0807.7	0809.5	DCIM		3	450	770	
			SVTO	0821.0	0821.0	III		1	25	41	
			LEAR	0844.0	0844.0	III		1	75	180	
			POTS	1110.1	1110.4	DCIM		3	450	800X	
	0601	1200	IZMI	1138.1	1138.5	III	B	1	25X	75	
			IZMI	1144.6	1144.7	III	B	1	30	75	
			POTS	1347.8	1347.9	III	B	2	130	170U	
	1929	2400	HIRA								
	2050	2400	CULG								
16	0000	0710	CULG	0015.0	0016.0	III	G	1	550	1300	
			LEAR	0025.0	0934.0	CONT		1	25	180	
			CULG	0026.0	0027.0	III	G	1	65	100	
			CULG	0028.0	0043.0	II	SH	1	85	290	FLA ESS 400
	0000	0938	HIRA	0030.0	0039.0	II		1	110	320	
			PALE	0036.0	0445.0	CONT		2	25	180	
			CULG	0041.0	0710.0D	IV	FS	2	57X	1800X	
	0337	1844	POTS	0337 E	1421 U	I	S,C,DC	3	40X	500	
			SVTO	0346.0	1310.0	CONT		1	25	180	
	0445	1800	BLEN	0440.0X	0705.0	DCIM	P,F	3	120	4000X	
	0447	1726	ONDR								
			SVTO	0547.0	0710.0	III	N	1	25	180	

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16			IZMI	0601.0E	1200.0D	III	N	2	40	95	
	0601	1200	IZMI	0601.0E	0725.0U	I	S,C	2	50	270X	
			BLEN	0625.5	0626.5	III	RS	1	880	1500	
			IZMI	0725.0U	1200.0D	I	S,C	1	50	270X	
			IZMI	0732.6	0733.3	UNCLF		1	35	40	
			SVTO	0822.0	1059.0	III	N	2	25	180	
			IZMI	0830.4	0830.8	III	B	1	25X	70	
			IZMI	0900.6	0901.8	III	GG	2	25	95	
			IZMI	0958.6	0959.6	III	G	2	25X	155	
			POTS	0958.7	0958.9	III	B	3	40X	150	
			IZMI	1013.7	1016.9	III	GG	2	25X	175	
			POTS	1013.7	1016.5	III	GG	3	40X	240	
			IZMI	1035.0	1036.3	III	GG	2	25X	95	
			IZMI	1058.7	1059.7	III	GG	2	25X	100	
			POTS	1058.7	1059.3	III	G	2	40X	90U	
			BLEN	1101.0	1127.0	DCIM	P	1	150	600	
			SVTO	1143.0	1143.0	III		1	25	52	
			SGMR	1219.0	1222.0	III		1	30	60	
			SVTO	1219.0	1222.0	III		2	25U	63U	
			POTS	1219.5	1220.1	III	G	2	40X	70	
			BLEN	1240.5	1353.0	DCIM	S	1	130	600	
			SVTO	1323.0	1438.0	III	N	2	25U	82U	
			HOLL	1342.0	1343.0	III		1	25	135	
			HOLL	1401.0	1609.0	III	N	1	25	69	
			POTS	1421 U	1732 U	I	S,N,DC	2	120	250	
			HOLL	1423.0	1424.0	III		1	25	129	
			SGMR	1423.0	1424.0	V		1	30	70	
			POTS	1423.1	1424.2	III	G	2	40X	70	
			SGMR	1508.0	1508.0	III		1	30	55	
			SVTO	1508.0	1552.0	III	N	2	25	180	
			POTS	1508.1	1508.3	III	B	2	40X	70	
			HOLL	1530.0	1530.0	III		1	25	143	
			SGMR	1530.0	1530.0	III		1	30	70	
			POTS	1530.2	1530.7	III	G	3	40X	170U	
			HOLL	1653.0	1654.0	III		1	25	180	
			PALE	1653.0	1654.0	III		1	25	180	
			SGMR	1653.0	1654.0	V		2	30	55	
			SVTO	1653.0	1654.0	III		1	25	180	
			BLEN	1653.3	1654.9	III	RS	1	140	230	
			POTS	1653.8	1655.5	III	GG	3	110U	220	
			POTS	1751.6	1751.8	DCIM		2	350	500	
			HOLL	1808.0	1810.0	III		1	25	147	
			PALE	1808.0	1810.0	III		1	25	149	
			SGMR	1808.0	1810.0	III		2	30	55	
			HOLL	1821.0	1821.0	III		1	25	54	
			PALE	1821.0	1821.0	III		1	25	53	
			POTS	1822 U	1840 U	I	S,N	1	200U	320	
			HOLL	2000.0	2336.0	III	N	1	25	172	
			PALE	2000.0	0446.0	III	N	1	25	180	
			SGMR	2005.0	2010.0	III		2	30	65	
	1928	2400	HIRA	2005.0	2011.0	III	G	2	25X	160	
	2050	2400	CULG	2050.0E	2358.0	I	S	1	110	230	
			SGMR	2109.0	2109.0	III		1	30	55	
			HIRA	2109.5	2110.0	III	B	1	25X	130	
			CULG	2110.0	2110.0	III	B	1	57X	140	
			CULG	2121.0	2126.0	III	G	1	57X	180	
			HIRA	2151.5	2202.0	III	G	1	25X	200	
			CULG	2152.0	2202.0	III	G	1	57X	180	
			CULG	2224.0	2228.0	III	G	1	57X	180	
			HIRA	2227.0	2227.5	III	B	1	25X	140	
			CULG	2256.0	2336.0	III	N	1	57X	180	
			HIRA	2256.0	2258.5	III	G	1	25X	220	
			LEAR	2306.0	0055.0	CONT		1	46	180	
17			HOLL	0014.0	0015.0	III		1	25	164	
			LEAR	0014.0	0021.0	III		1	25	180	
	0000	0710	CULG	0015.0	0016.0	III	G	1	57X	160	
			CULG	0019.0	0022.0	III	G	1	57X	180	
			HOLL	0019.0	0021.0	III		1	25	141	

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17			CULG	0103.0	0105.0	III	G	1	57X	90	
			CULG	0115.0	0121.0	III	N	1	57X	180	
	0000	0939	HIRA	0115.0	0116.0	III	G	2	25X	120	
			HIRA	0119.0	0121.5	III	G	1	25X	190	
			LEAR	0119.0	0150.0	III	N	1	25	180	
			HOLL	0122.0	0122.0	III		1	25	180	
			HIRA	0216.0	0216.5	III	B	1	25X	130	
			LEAR	0216.0	0220.0	III		1	25	180	
			HIRA	0220.0	0221.0	III	B	1	25X	110	
			CULG	0248.0	0251.0	III	G	2	57X	160	
			LEAR	0248.0	0250.0	III		1	25	180	
			CULG	0341.0	0405.0	III	N	1	57X	180	
			LEAR	0344.0	0440.0	III	N	1	25	180	
	0446	1727	ONDR	0516.4	0522.1	DCIM	G	1	800X	2000X	
			SVTO	0518.0	0518.0	III		1	25	70	
	0337	1846	POTS	0530.8	0531.4	III	G	2	110U	220	
			CULG	0531.0	0532.0	III	G	1	57X	170	
			HIRA	0531.0	0531.5	III	B	1	30	200	
			LEAR	0531.0	0532.0	III		1	25	180	
			SVTO	0531.0	0532.0	III		1	25	144	
			SVTO	0538.0	0538.0	III		1	30	56	
			POTS	0554 U	0624 U	I	N,S	2	120	340	
			SVTO	0601.0	0614.0	III	N	1	25	147	
			CULG	0602.0	0612.0	III	G	1	57X	160	
	0550	1200	IZMI	0602.0	0607.6	III	GG	1	45	145	
			POTS	0606.3	0611.4	III	G,N	2	40X	220	
			LEAR	0609.0	0611.0	III		1	25	180	
			HIRA	0609.5	0612.0	III	G	1	30	160	
			IZMI	0609.5	0613.1	III	GG	2	25X	175	
			SVTO	0651.0	1050.0	III	N	2	25	135	
			CULG	0700.0	0703.0	III	G	1	57X	180	
			IZMI	0700.5	0703.2	III	GG	2	25X	95	
			POTS	0701.8	0702.5	III	G	2	40X	150	
			IZMI	0711.1	0711.4	III	B	1	45	75	
			IZMI	0733.5	0733.7	III	G	1	25X	90	
			ONDR	0737.1	0813.5	DCIM	GG	3	800X	2000X	
	0440	1800	BLEN	0737.7	0810.0	DCIM	P	3	140	2000	
			LEAR	0741.0	0933.0	III	N	1	25	180	
			IZMI	0741.1	0743.2	III	GG	2	45	135	
			POTS	0741.8	0745.0	III	GG,N	3	40X	160	
			HIRA	0742.0	0746.0	III	G	1	30	140	
			IZMI	0743.7	0745.8	III	GG	2	25X	165	
			POTS	0751.8	0752.2	III	B,W	1	40X	140	
			IZMI	0752.0	0753.1	III	G	1	25X	90	
			HIRA	0753.5	0754.0	III	B	1	50	100	
			POTS	0759.7	0808.2	DCIM		2	450	800X	
			POTS	0802.3	0818 U	I	S,N	2	120	170U	
			ONDR	0803.1	0812.5	DCIM	G	1	2000X	4500X	
			IZMI	0810.4	0811.0	III	G	2	25X	155	
			POTS	0810.4	0810.7	III	B	2	40X	150	
			IZMI	0814.8	0821.9	II		1	45	65	
			POTS	0815	0826	II	F	2	40X	60	
			HIRA	0815.0	0815.5	III	B	1	25X	180	
			SVTO	0818.0	0825.0	II		1	36	56	ESS 0378
			POTS	0911.5	0912.4	DCIM		2	280	550	
			BLEN	0911.6	0912.9	III	GG	2	250	520	
			IZMI	0911.6	0912.1	III	G	2	240	270X	
			IZMI	0920.3	0920.8	III	G	1	40	155	
			POTS	0920.3	0920.8	III	G	2	40X	150	
			POTS	1103.6	1104.6	DCIM		2	280	450	
			IZMI	1113.3	1113.3	III	B	1	50	75	
			SGMR	1155.0	1229.0	III	N	1	30	60	
			SVTO	1155.0	1159.0	III		2	25	150	
			POTS	1155.3	1159.3	III	GG,N	3	40X	160	
			IZMI	1155.6	1156.2	III	G	2	25X	160	
			IZMI	1157.8	1159.2	III	GG	2	25X	190	
			POTS	1218.6	1229.1	III	G,N	3	40X	160	
			HOLL	1222.0	1845.0	III	N	1	25	106	
			SVTO	1232.0	1350.0	III	N	2	25	180	

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17			POTS	1258.7	1314.7	III	GG,N	2	40X	170U	
			SGMR	1312.0	1323.0	III	N	1	30	80	
			POTS	1323.0	1325.7	III	G	3	40X	170U	
			POTS	1343.2	1343.5	III	G	1	40X	140	
			SGMR	1448.0	1503.0	III	N	1	30	55	
			SVTO	1448.0	1448.0	III		1	25	58	
			POTS	1503.0	1503.6	III	G	1	40X	140	
			SVTO	1503.0	1503.0	III		1	25	82	
			ONDR	1553.3	1607.5	DCIM	GG	1	800X	2000X	
			ONDR	1555.4	1605.5	DCIM	GG	1	2000X	4500X	
			BLEN	1555.6	1557.7	III	GG,C,RS	3	320	4000X	
			POTS	1555.8	1556.8	DCIM		1	330	620	
			POTS	1603	1615	I	S,DC,C	2	120	170U	
			SGMR	1603.0	1626.0	III	N	3	30	50	
	1927	2400	HIRA								
	2050	2400	CULG								
18			LEAR	0244.0	0245.0	III		1	25	142	
	0000	0710	CULG	0337.0	0431.0	III	N	1	57X	200	
	0000	0940	HIRA	0346.0	0359.0	III	G	1	40	200	
			LEAR	0349.0	0401.0	III	N	1	25	180	
			LEAR	0430.0	0432.0	III		1	25	146	
			HIRA	0431.0	0431.5	III	B	1	30	80	
			SVTO	0431.0	0431.0	III		1	39	56	
	0337	1846	POTS	0444	0713	I	S,N,DC	2	120	170U	
			LEAR	0500.0	0502.0	III		1	25	180	
			CULG	0504.0	0523.0	I	S	1	130	160	
			LEAR	0530.0	0530.0	III		1	25	180	
			LEAR	0700.0	0701.0	III		1	25	180	
			POTS	0828	1500 U	IV		3	40X	800	CME?
			LEAR	0830.0	0830.0	III		1	25	180	
			LEAR	0917.0	0918.0	III		1	25	114	
			SVTO	0917.0	0918.0	III		2	25	124	
			HIRA	0917.5	0918.0	III	B	1	30	130	
			POTS	0917.5	0918.9	III	G	2	40X	240	
	0600	1200	IZMI	0917.5	0918.6	III	GG	2	25X	95	
			IZMI	0926.0U	1200.0D	I	N	2	110	270X	
			SVTO	0930.0	1027.0	CONT		1	112	153	
			IZMI	1045.7	1046.0	UNCLF		2	200	210	
	0455	1728	ONDR	1101.5	1134.2	DCIM	GG	2	800X	2000X	
	0440	1810	BLEN	1101.7	1135.1	DCIM	P	2	300	1500	
			IZMI	1131.6	1132.2	III	G,RS	1	50	75	
			SVTO	1132.0	1446.0	CONT		1	25	180	
			HOLL	1254.0	1700.0	CONT		1	65	180	
			HOLL	1323.0	1325.0	III		1	25	180	
			SVTO	1323.0	1325.0	V		1	25	146	
			SGMR	1324.0	1325.0	III		2	30	55	
			POTS	1500 U	1840 U	I	S,N	2	120	400	
			HOLL	1535.0	1536.0	III		1	25	180	
			SVTO	1535.0	1538.0	III		1	25	151	
			POTS	1535.2	1537.8	III	GG	2	110U	170U	
			SVTO	1630.0	1737.0	CONT		1	124	153	
			HOLL	1906.0	0138.0	CONT		1	40	180	
	1927	2400	HIRA								
	2050	2400	CULG	2050.0E	2400.0D	I	S,C	2	57X	180	
			LEAR	2307.0	0933.0	CONT		1	39	180	
19	0000	0700	CULG	0000.0E	0356.0	I	S,C	1	57X	180	
			CULG	0007.0	0008.0	III	G	2	57X	230	
	0000	0941	HIRA	0007.0	0008.0	III	G	2	130	250	
	0336	1847	POTS	0424 E	1847 U	I	S,DC,N	2	120	300	
			CULG	0447.0	0700.0D	I	S,C	1	80	170	
	0604	1220	IZMI	0604.0E	1220.0D	I	N	1	120	220	
			CULG	0635.0	0700.0D	III	N	1	60	170	
			SVTO	0816.0	0840.0	III	N	1	25U	81U	
			IZMI	0817.3	0818.5	III	G	1	40	155	
	0453	1729	ONDR	0822.1	0822.4	DCIM	G	1	800X	1541	
			IZMI	0840.0	0840.2	III	B	1	25	95	
			HOLL	1557.0	1558.0	III		1	25	68	

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19			SVTO	1557.0	1558.0	III		1	39U	52U	
			HOLL	1705.0	2024.0	III	N	1	25	122	
	0440	1815	BLEN	1705.6	1710.8	DCIM	S	3	500	1200	
			SGMR	1706.0	1706.0	III		1	30	40	
			SVTO	1706.0	1706.0	III		1	36U	82U	
	2050	2400	CULG	2050.0E	2400.0D	I	S,C	1	57X	180	
			CULG	2124.0	2400.0D	III	N	1	57X	180	
			HOLL	2141.0	2146.0	III		1	25	137	
			PALE	2141.0	2142.0	III		1	25	70	
			SGMR	2141.0	2146.0	III		2	30	65	
	1926	2400	HIRA	2141.5	2142.0	III	B	1	25X	100	
			CULG	2145.0	2147.0	III	G	2	57X	1200	
			PALE	2145.0	2147.0	III		1	25	90	
			HIRA	2145.5	2147.0	III	G	2	25X	200	
			LEAR	2308.0	0932.0	CONT		1	54	180	
20			CULG	0000.0E	0122.0	III	N	1	57X	160	
	0000	0700	CULG	0000.0E	0233.0	I	S,C	1	57X	170	
			CULG	0233.0	0700.0D	I	S,C	1	80	180	
	0000	0942	HIRA	0337.5	0338.0	III	B	2	360	610	
	0336	1848	POTS	0423 E	1354 U	I	S,DC,N	2	120	350	
			CULG	0447.0	0447.0	III	G	1	57X	150	
			CULG	0546.0	0700.0D	III	N	1	57X	150	
			LEAR	0546.0	0546.0	III		1	36	145	
			SVTO	0546.0	0547.0	III		1	25U	81U	
			HIRA	0546.5	0547.0	III	B	1	50	110	
	0600	1200	IZMI	0600.0E	0840.0U	I	N	2	110	270X	
			IZMI	0606.7	0606.9	III	B	1	45	70	
			IZMI	0650.0U	0800.0U	I	S,DC	2	85	270X	
			IZMI	0712.4	0712.8	III	G	1	60	95	
			IZMI	0717.0	0717.1	III	G	2	140	190	
			IZMI	0717.0	0717.6	I	GG,DC	2	165	215	
			IZMI	0742.0	0744.5	III	GG,FS	2	45	150	
			POTS	0742.2	0742.4	III	B	2	40X	140	
			IZMI	0753.6	0753.7	III	B	1	55	70	
			IZMI	0943.3	0943.5	III	B	1	90	140	
			POTS	1012.8	1042.0	III	GG,U,N	3	40X	800X	
	0440	1815	BLEN	1012.8	1024.6	III	GG,C	3	100X	4000X	
			IZMI	1012.9	1014.3	III	GG	3	25X	270X	
			IZMI	1015.0	1025.2	III	GG	2	25X	270X	
	0427	1730	ONDR	1017.2	1021.5	DCIM	G	1	2000X	4500X	
			ONDR	1028.4	1033.3	DCIM	GG,SP	2	800X	2000X	
			BLEN	1029.5	1040.9	DCIM	P,S	3	170	4000X	
			IZMI	1033.0U	1043.3	III	S,C	2	180	270X	
			BLEN	1045.2	1108.3	III	GG,C	3	170	4000X	
			ONDR	1050.3	1052.5	DCIM	G	1	800X	2000X	
			POTS	1051.4	1051.5	DCIM		2	600	700	
			POTS	1052.3	1101.3	III	GG,N	3	140	800X	
			IZMI	1052.4	1052.8	III	G	2	180	270X	
			IZMI	1055.4	1055.7	III	G	1	50	90	
			IZMI	1100.8	1101.3	III	GG	2	50	270X	
			IZMI	1101.5	1109.5	III	GG	1	45	95	
			POTS	1101.5	1101.8	DCIM		2	300	760	
			POTS	1103.5	1105.1	III	G	1	40X	60	
			BLEN	1112.8	1124.6	III	GG,C	3	100X	4000X	
			IZMI	1153.0U	1200.0D	III	N	1	45	95	
			ONDR	1213.1	1213.4	DCIM	G,W	1	1334	2000X	
			HOLL	1349.0	1350.0	III		1	25	164	
			HOLL	1523.0	1529.0	III		2	25	180	
			POTS	1523.0	1528.8	III	GG,RS,U	3	40X	800X	
			POTS	1523.0	1538	IV		3	40X	800X	
			SGMR	1523.0	1532.0	V		2	30	80	
			BLEN	1523.3	1531.0	II	C	3	100X	4000X	
			ONDR	1524.2	1528.4	DCIM	GG,FS	2	800X	2000X	
			ONDR	1524.2	1528.5	DCIM	G	2	2000X	4500X	
			POTS	1526.1	1532	II	G	3	40X	400	
			HOLL	1529.0	1533.0	III		2	25	180	
			POTS	1538	1552 U	I	S,DC	3	110U	260	
			ONDR	1715.5	1716.4	DCIM	GG	2	800X	1025	

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20			POTS	1802.4	1802.8	DCIM		2	200U	550	
			HOLL	1804.0	1804.0	III		1	25	141	
			PALE	1804.0	1804.0	III		1	25	98	
			SGMR	1804.0	1805.0	III		1	30	60	
			HOLL	2019.0	2023.0	III		1	25	85	
	1925	2400	HIRA	2019.0	2023.0	III	G	1	25X	110	
			CULG	2050.0E	2400.0D	I	S,C	1	70	150	
	2050	2400	CULG	2050.0E	2251.0	III	N	1	57X	160	
			LEAR	2308.0	0932.0	III		1	52	180	
21	0000	0700	CULG	0000.0E	0700.0D	I	S,C	1	70	140	
			CULG	0308.0	0403.0	III	N	1	57	140	
			PALE	0328.0	0332.0	III		1	25	86	
	0000	0943	HIRA	0328.0	0333.0	III	G	1	25X	190	
			LEAR	0329.0	0332.0	III		1	25	180	
	0335	1848	POTS	0442 U	1610 U	I	S,DC,N	2	120	300	
			CULG	0458.0	0549.0	III	N	1	57	170	
	0426	1732	ONDR	0502.3	0506.1	DCIM	GG,FS	2	1081	1934	
	0440	1815	BLEN	0503.7	0505.7	DCIM	P,C	3	1000	4000X	
			HIRA	0508.0	0508.5	III	B	1	110	270	
			SVTO	0508.0	0508.0	III		1	119	180	
	0550	1200	IZMI	0651.6	0652.7	UNCLF		2	115	155	
			SVTO	0909.0	0909.0	III		1	25U	81U	
			IZMI	0909.3	0909.3	III	B	1	45	70	
			HOLL	1432.0	1433.0	III		1	25	64	
			SVTO	1432.0	1433.0	III		1	25	59	
			SGMR	1433.0	1433.0	III		1	30	50	
			POTS	1504.7	1504.9	UNCLF		2	40X	70	
			HOLL	1626.0	1627.0	III		1	25	58	
			BLEN	1626.3	1627.2	DCIM	P	2	450	1000	
			POTS	1748.8	1749.1	UNCLF		2	140	330	
			HOLL	1958.0	1959.0	III		1	25	83	
			PALE	1958.0	1959.0	III		1	25	54	
			SGMR	1958.0	1959.0	III		1	30	60	
	1925	2400	HIRA	1958.5	1959.0	III	B	1	30	50	
	2100	2400	CULG	2104.0	2107.0	III	G	1	100	180	
			HIRA	2122.0	2130.0	III	G	3	25X	320	
			CULG	2123.0	2129.0	III	G	2	57X	1300	
			HOLL	2128.0	2156.0	II		1	25	162	ESS 0670
			PALE	2128.0	2156.0	II		1	25	160	ESS 0797
			CULG	2129.0	2135.0	II	FN	3	57X	80	
			CULG	2129.0	2140.0	III	GG	1	57X	180	
			CULG	2129.0	2145.0	II	SH	3	57X	160	FLA ESS 500
			HIRA	2129.0	2157.0	II		3	25X	140	
			SGMR	2133.0	2149.0	III		1	30	80	
			CULG	2149.0	2150.0	III	G	1	57X	90	
			CULG	2151.0	2324.0	I	S,C	1	60	180	
			CULG	2205.0	2300.0	III	S	1	57X	100	
			LEAR	2309.0	0215.0	CONT		1	25	180	
			LEAR	2309.0	0215.0	CONT		1	52	180	
			CULG	2323.0	2330.0	III	GG	1	360	680	
			CULG	2345.0	2346.0	III	G	1	450	900	
			CULG	2347.0	2400.0D	III	GG	2	57X	140	
			PALE	2347.0	0448.0	CONT		1	25	180	
			HIRA	2349.0	0011.0	III	G	1	25X	130	
22	0000	0700	CULG	0000.0E	0014.0	III	GG	2	57X	140	
			CULG	0004.0	0004.0	III	B	1	550U	850	
	0000	0944	HIRA	0004.0	0004.5	III	B	1	520	900	
			CULG	0014.0	0015.0	III	G	1	300U	1000	
			HIRA	0014.0	0015.0	III	G	1	520	1000	
			HIRA	0047.0	0048.0	III	G	1	600	1200	
			CULG	0114.0	0114.0	III	B	1	550	850	
			CULG	0147.0	0225.0	III	N	1	57X	90	
			CULG	0320.0	0353.0	III	GG	2	57X	180	
			LEAR	0321.0	0353.0	CONT		1	25	180	
			HIRA	0322.0	0335.0	III	G	1	30	160	
			LEAR	0348.0	0352.0	III		2	25	180	
			HIRA	0351.0	0352.0	III	B	1	25X	70	

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22			SVTO	0351.0	0353.0	III		2	25	62	
	0335	1847	POTS	0517 U	0627 U	I	S,N	1	130	260	
	0601	1200	IZMI								
			POTS	0651.6	0654.0	III	G,RS	2	260	380	
			POTS	0747.2	0747.5	DCIM	U	2	300	400	
			HIRA	0823.5	0824.5	III	B	1	200	400	
			POTS	0823.7	0825.3	III	GG,RS	2	140	450	
			POTS	0847.2	0850.0	III	G,N	2	120	170U	
			POTS	0955.2	0955.4	DCIM		2	300	450	
			POTS	0958	1000	I	DC,S	1	130	150	
			POTS	1111.1	1112.4	III	G	2	40X	170U	
			POTS	1213.3	1213.5	DCIM		2	350	400	
			POTS	1218.1	1218.7	DCIM		2	280	550	
	0440	1815	BLEN	1218.1	1227.8	III	GG	2	300	600	
			POTS	1225.2	1225.4	DCIM	U	2	280	400	
			POTS	1227.8	1227.9	DCIM		1	320	400	
			POTS	1339	1438	I	S,N	1	130	170U	
			POTS	1414.9	1415.2	III	G	1	40X	300	
			POTS	1531	1543	I	S,N	1	120	170U	
	0425	1733	ONDR	1621.3	1622.0	DCIM	GG,FS	2	1105	2000X	
			BLEN	1621.6	1624.2	III	C	2	300	2400	
			POTS	1840.6	1840.8	DCIM		2	320	550	
			POTS	1843.0	1844.3	III	G	2	200U	320	
	1924	2400	HIRA								
	2100	2400	CULG								
			HOLL	2347.0	0033.0	III	N	1	25	132	
23	0000	0700	CULG								
	0000	0944	HIRA								
	0424	1734	ONDR								
	0336	1848	POTS	0759 U	0934 U	I	S,N	1	130	170U	
			POTS	1023 U	1039 U	I	S,N	1	140	170U	
			SVTO	1122.0	1123.0	III		1	25	64	
			POTS	1122.5	1123.0	III	G	2	40X	130	
	0601	1200	IZMI	1122.5	1122.9	III	G	2	25X	65	
			POTS	1130.3	1753 U	I	S,N	2	120	400U	
			POTS	1344.0	1344.2	III	B	1	40X	60	
			SVTO	1344.0	1344.0	III		1	33U	57U	
			HOLL	1423.0	1424.0	III		1	32	68	
			SVTO	1423.0	1424.0	III		1	33U	59U	
			POTS	1423.7	1423.9	III	B	1	40X	60	
			POTS	1559.7	1603.2	III	GG,N	2	110U	400U	
	0440	1815	BLEN	1602.2	1603.2	III	G	1	160	400	
	1924	2400	HIRA								
			LEAR	2320.0	2321.0	III		1	106	180	
	2100	2400	CULG	2321.0	2321.0	III	G	1	120	160	
24	0000	0700	CULG	0314.0	0316.0	III	G	1	57X	180	
			LEAR	0321.0	0327.0	II		1	31	160	ESS 0723
			CULG	0322.0	0328.0	II	UE	2	57X	140	ESS 700
			CULG	0323.0	0325.0	III	G	2	57X	170	
			LEAR	0323.0	0323.0	III		1	28	167	
			PALE	0323.0	0323.0	III		1	25	130	
	0000	0945	HIRA	0323.0	0327.0	III	G	1	40	120	
			PALE	0324.0	0325.0	II		1	25	100	ESS 0810
	0336	1848	POTS	0430 U	1804 U	I	S,N,DC	1	120	250	
			CULG	0530.0	0530.0	III	B	1	57X	150	
	0423	1735	ONDR	0641.0	0647.4	DCIM	G,W	1	2215	4500X	
			POTS	1028.5	1031.5	III	GG,N	2	40X	170U	
			POTS	1041.0	1041.4	III	G	3	40X	300	
			SVTO	1041.0	1041.0	III		1	25	85	
	0601	1200	IZMI	1041.1	1041.4	III	G	1	25X	130	
	0440	1820	BLEN	1053.0	1054.5	III	C	1	140	4000X	
			ONDR	1053.1	1053.4	DCIM	G	1	2977	4500X	
			SVTO	1245.0	1246.0	III		1	25	58	
			POTS	1245.2	1245.4	III	B	2	40X	150	
			POTS	1316.7	1317.4	III	G	2	40X	170U	
			HOLL	1317.0	1317.0	III		1	25	133	
			HOLL	1317.0	1344.0	III	N	2	25	180	

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24			SGMR	1317.0	1344.0	III	N	2	30	80	
			SVTO	1317.0	1317.0	III		1	25	180	
			SVTO	1317.0	1344.0	III	N	2	25	180	
			POTS	1328.9	1334.5	III	GG,N	3	40X	400U	
			HOLL	1333.0	1334.0	III		2	25	180	
			BLEN	1333.7	1334.3	III	GG,V	3	100X	460	
			POTS	1344.3	1344.7	III	G	3	40X	170U	
			POTS	1822.1	1822.3	DCIM		2	320	500	
	1923	2400	HIRA								
	2100	2400	CULG								
25	0000	0700	CULG								
	0000	0946	HIRA								
	0336	1848	POTS	0417 U	1141 U	I	S,N,DC	1	120	370	
	0423	1736	ONDR								
	0430	1820	BLEN								
			POTS	0620.1	0620.3	III	G	2	140	400U	
	0550	1200	IZMI	0620.1	0620.5	III	G	1	195	270X	
			POTS	0953.4	0954.3	III	GG,RS	2	130	380	
			IZMI	1107.6	1107.7	III	B	1	190	270X	
			POTS	1328 U	1405 U	I	S,N	1	120	280	
			POTS	1612 U	1728 U	I	S,N	1	120	170U	
			HOLL	1703.0	1704.0	III		1	25	61	
			POTS	1842.2	1843.7	III	GG	2	200U	380	
	1923	2400	HIRA								
	2100	2400	CULG	2338.0	2340.0	III	G	1	65	180	
26	0000	0700	CULG								
	0000	0947	HIRA								
	0422	1737	ONDR								
	0430	0900	BLEN								
	0337	1847	POTS	0810 U	1013 U	I	S,N	1	200U	400U	
	0600	1200	IZMI	0937.9	0938.0	III	B	1	220	265	
			IZMI	0942.5	0948.3	III	G	1	200	270X	
			POTS	1001.8	1003.6	III	G,N,U	2	200U	400U	
			IZMI	1001.9	1002.0	III	B	2	205	270X	
			IZMI	1003.3	1006.3	III	G,RS	1	210	270	
			POTS	1033 U	1120 U	I	S,N	1	270	400U	
			POTS	1226.0	1227.5	UNCLF		1	40X	65	
			SVTO	1226.0	1227.0	III		1	40	59	
			POTS	1243 U	1254 U	I	S,N	1	270	350	
			POTS	1304.0	1304.2	III	B	2	200U	400U	
			POTS	1328 U	1401 U	I	S,N	1	270	380	
			POTS	1431 U	1846 U	I	S,N	1	200U	400U	
			POTS	1719.2	1721.5	III	G	2	200U	400U	
	1922	2400	HIRA								
	2100	2400	CULG								
27	0000	0700	CULG								
	0000	0948	HIRA								
	0337	1848	POTS	0433 U	0525 U	I	S,N	1	220	330	
			POTS	0445.9	0446.6	III	GG	2	210	460	
	0421	1738	ONDR	0502.3	0505.2	DCIM	G	1	800X	2000X	
			POTS	0515.4	0515.7	III	GG	2	230	400	
			POTS	0602.2	0603.5	III	G	2	220	400	
	0555	1200	IZMI	0602.2	0602.4	III	G	1	225	270X	
	0430	1800	BLEN	0602.3	0602.5	III	G	1	230	450	
			IZMI	0620.6	0620.7	III	B	1	195	270X	
			POTS	0620.6	0620.9	III	G	2	200U	400	
			POTS	0852 U	1122 U	I	S,N	1	260	350	
			POTS	1220.4	1259.2	III	GG,N	2	40X	400	
			SVTO	1224.0	1342.0	III	N	2	25	84	
			HOLL	1230.0	1418.0	III	N	1	25	86	
			SGMR	1230.0	1243.0	III	N	1	30	80	
			SGMR	1327.0	1327.0	III		1	30	60	
			HOLL	1418.0	1418.0	III		1	25	155	
			SGMR	1418.0	1418.0	III		2	30	70	
			SVTO	1418.0	1419.0	III		2	25	144	
			POTS	1418.1	1419.3	III	G	3	40X	170U	

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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			HOLL	1501.0	1529.0	III	N	1	25	127	
			SVTO	1501.0	1529.0	III	N	1	25	155	
			SGMR	1518.0	1529.0	III	N	1	30	60	
			POTS	1518.3	1518.6	III	B	2	40X	170U	
			POTS	1528.9	1529.7	III	G	2	40X	300	
			POTS	1535 U	1640 U	I	S,N	1	270	400	
			HOLL	1659.0	1712.0	III	N	1	25	85	
			ONDR	1705.3	1711.5	DCIM	GG,FS	1	800X	2000X	
			BLEN	1705.5	1711.3	III	GG,U,C	3	450	3800	
			POTS	1751 U	1754 U	I	DC	1	280	380	
			POTS	1755.9	1756.8	III	G	2	130	230	
			POTS	1823.8	1824.2	III	G	2	320	420	
			HOLL	1938.0	1939.0	III		1	25	86	
	2100	2400	CULG	2218.0	2218.0	III	G	1	57X	90	
			CULG	2220.0	2221.0	III	G	2	57X	150	
	1921	2400	HIRA	2220.0	2221.0	III	B	2	60	140	
			CULG	2224.0	2225.0	III	G	1	57X	90	
			CULG	2353.0	2355.0	III	G	1	57X	110	
			HOLL	2353.0	2354.0	III		1	25	93	
			LEAR	2353.0	0033.0	III	N	1	49	112	
28	0000	0700	CULG	0000.0	0001.0	III	G	1	57X	90	
			CULG	0005.0	0009.0	III	G	1	57X	80	
			CULG	0022.0	0022.0	III	G	1	57X	90	
			LEAR	0208.0	0820.0	CONT		1	75	180	
	0420	1739	ONDR								
	0337	1848	POTS	0454 U	0508 U	I	S,N	1	50	230	
			CULG	0454.0	0457.0	III	G	2	57X	140	
			LEAR	0454.0	0459.0	III		1	25	180	
	0000	0948	HIRA	0454.5	0459.0	III	G	1	30	190	
			SVTO	0455.0	0456.0	III		1	25U	82U	
			POTS	0458.8	0459.8	III	G	2	40X	300	
			CULG	0459.0	0500.0	III	G	1	57X	180	
			CULG	0507.0	0507.0	III	B	1	57X	75	
			CULG	0535.0	0617.0	III	N	1	57X	140	
			POTS	0539 U	1848 U	I	S,N	2	80	400	
			POTS	0605.3	0608.1	DCIM		2	300	470	
			LEAR	0609.0	0614.0	III		1	25	180	
			SVTO	0609.0	0613.0	III		1	25	180	
			HIRA	0609.5	0614.0	III	G	2	40	200	
			POTS	0609.6	0614.3	III	GG	2	40X	220	
	0550	1200	IZMI	0609.7	0609.9	III	B	2	65	145	
			IZMI	0611.7	0612.5	III	GG	2	45	215	
			CULG	0612.0	0613.0	III	G	2	57X	180	
			IZMI	0613.0	0613.2	III	G	1	90	170	
			IZMI	0613.8	0614.2	III	G	1	95	125	
			SVTO	0704.0	0705.0	III		1	25	61	
			POTS	0714.2	0718.0	III	GG	2	40X	150	
			IZMI	0716.2	0716.6	III	G	1	25X	145	
			POTS	0757.6	0813.1	III	GG,N	2	40X	170U	
			IZMI	0758.4	0759.9	III	GG	2	60	180	
			HIRA	0758.5	0800.0	III	G	1	50	150	
			IZMI	1135.0U	1200.0D	I	N	1	200	270X	
			IZMI	1147.7	1148.0	III	G	1	210	270X	
			SVTO	1213.0	1214.0	V		2	25U	55U	
			POTS	1213.6	1214.0	III	G	2	40X	80	
			SVTO	1535.0	1554.0	III	N	1	25	145	
			HOLL	1536.0	1556.0	III	N	1	25	161	
	0430	1835	BLEN	1539.3	1540.9	DCIM	P	2	500	1500	
			SGMR	1540.0	1605.0	III	N	2	30	80	
			HOLL	1643.0	1647.0	III		1	25	51	
			SVTO	1643.0	1646.0	III		1	25U	53U	
	2100	2400	CULG								
	1921	2400	HIRA	2134.0	2135.0	III	B	2	50	200	
			LEAR	2323.0	2325.0	III		1	41	170	
29	0000	0948	HIRA	0243.0	0247.5	III	G	1	520	1200	
	0000	0700	CULG	0246.0	0246.0	III	B	1	600	1200	
			CULG	0330.0	0333.0	III	G	1	450	800	

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29			HIRA	0330.0	0333.0	III	G	1	430	800	
	0337	1848	POTS	0410 U	1609 U	I	S,N,DC	2	60	400U	
			CULG	0423.0	0424.0	III	G	1	60	160	
			HIRA	0423.0	0423.5	III	B	1	100	140	
			LEAR	0423.0	0423.0	III		1	96	180	
			POTS	0423.0	0423.6	UNCLF		2	100	170U	
			SVTO	0423.0	0423.0	III		1	112U	180U	
	0420	1739	ONDR	0547.3	0547.3	DCIM	G	2	800X	1222	
			POTS	0555.6	0555.9	III	G	2	110	170U	
	0550	1200	IZMI	0630.0U	1200.0D	I	S	1	180	270X	
			ONDR	0723.5	0729.3	DCIM	G	1	800X	1316	
			HIRA	0750.0	0752.0	III	G	1	100	300	
			IZMI	0750.2	0750.5	III	G	2	145	270X	
			POTS	0750.2	0756.5	III	GG,N	3	100	480	
	0430	1805	BLEN	0750.2	0756.6	III	GG,C	2	150	600	
			LEAR	0751.0	0752.0	III		1	102	180	
			SVTO	0751.0	0752.0	III		1	139U	180U	
			IZMI	0751.4	0752.1	III	G,C	2	110	270X	
			IZMI	0753.9	0754.1	III	G	1	110	160	
			IZMI	0755.1	0756.1	III	G	1	200	270	
			IZMI	1013.9	1014.2	III	G	1	180	270X	
			POTS	1013.9	1014.2	III	GG	3	140	480	
			BLEN	1022.5	1032.0	III	GG,RS,C	3	100X	4000X	
			SVTO	1025.0	1029.0	III		1	123	180	
			ONDR	1025.5	1029.5	DCIM	G	1	2000X	4500X	
			POTS	1025.8	1026.4	III	GG	3	110	800X	
			IZMI	1025.9	1026.3	III	GG,C	2	110	270X	
			ONDR	1026.0	1031.0	DCIM	G,FS	2	800X	2000X	
			POTS	1026.2	1028.8	DCIM		2	350	800X	
			IZMI	1028.3	1028.4	III	B	1	130	160	
			IZMI	1029.2	1029.4	III	B,U	2	125	270X	
			ONDR	1050.3	1053.3	DCIM	GG,FS	3	800X	2000X	
			SVTO	1052.0	1057.0	III		1	25	180	
			BLEN	1052.3	1053.0	III	GG,RS,C	3	100X	2200	
			ONDR	1052.4	1053.0	DCIM	G	1	2000X	4500X	
			POTS	1052.6	1053.8	III	GG,N	3	120	800X	
			IZMI	1052.7	1052.9	III	G,FS	2	130	270X	
			IZMI	1056.8	1057.1	III	G	2	25X	175	
			POTS	1056.8	1057.1	III	G	3	40X	170U	
			SVTO	1119.0	1134.0	III	N	1	25	180	
			ONDR	1124.4	1125.0	DCIM	G	3	800X	1006	
			POTS	1132.6	1133.1	III	G	3	40X	400U	
			IZMI	1132.8	1132.9	III	G	2	25X	270X	
			SVTO	1217.0	1221.0	III		1	25U	84U	
			SGMR	1219.0	1220.0	III		1	30	60	
			POTS	1219.9	1220.6	III	G	2	40X	330	
			ONDR	1252.1	1254.2	DCIM	G,W	1	2361	4500X	
			BLEN	1252.3	1256.2	DCIM	C	2	2000	4000X	
			BLEN	1548.4	1552.1	III	GG	3	500	900	
			POTS	1658 U	1817 U	I	S,N	1	230	390	
			HOLL	2306.0	2307.0	III		1	25	126	
	1920	2400	HIRA	2306.5	2307.0	III	B	1	25X	120	
	2100	2400	CULG	2307.0	2307.0	III	B	1	57X	120	
			CULG	2326.0	2327.0	III	G	1	130	670	
			HIRA	2326.0	2326.5	III	B	1	110	700	
			LEAR	2326.0	2330.0	III		1	25	180	
			CULG	2328.0	2331.0	III	G	1	57X	90	
			HOLL	2328.0	2331.0	III		1	25	86	
			PALE	2329.0	2331.0	V		1	25	71	
			HIRA	2329.5	2331.0	III	B	2	25X	70	
30			HOLL	0009.0	0009.0	III		1	25	86	
			LEAR	0009.0	0009.0	III		1	48	102	
	0000	0949	HIRA	0009.5	0010.0	III	B	1	50	100	
	0000	0700	CULG	0010.0	0010.0	III	B	1	57X	90	
			CULG	0225.0	0313.0	III	N	1	57X	200	
			HIRA	0235.0	0236.0	III	G	1	80	200	
			LEAR	0235.0	0238.0	III		1	78	180	
			CULG	0408.0	0408.0	III	B	1	57X	100	

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30			HIRA	0408.0	0408.5	III	B	1	40	70	
			LEAR	0408.0	0408.0	III		1	25	98	
	0337	1848	POTS	0415 U	0956 U	I	S,N,DC	1	40X	400U	
	0419	1740	ONDR								
	0430	1805	BLEN								
			CULG	0504.0	0538.0	III	N	1	57X	170	
			LEAR	0504.0	0521.0	III	N	1	29	160	
			HIRA	0513.0	0521.0	III	G	1	40	200	
			SVTO	0513.0	0521.0	III		1	25U	84U	
	0600	1200	IZMI	0600.0E	0655.0U	I	N	1	190	270X	
			CULG	0631.0	0632.0	III	G	1	57X	110	
			IZMI	0635.7	0637.9U	I	GG	2	180	215	
			IZMI	0951.0	0956.0	I	GG	1	250	270X	
			POTS	1029 U	1040 U	I	S,N	1	230	400U	
			IZMI	1044.4	1047.9	I	GG	1	240	270X	
			POTS	1105 U	1312 U	I	S,N	2	220	350	
			IZMI	1116.0	1200.0D	I	S	1	210	270X	
			POTS	1336.2	1341.0	III	GG	3	40X	400U	
			SGMR	1337.0	1337.0	III		1	30	65	
			SVTO	1337.0	1337.0	III		1	25	180	
			POTS	1442 U	1543 U	I	S,N	2	220	400U	
			POTS	1520.3	1520.7	III	G	3	40X	320	
			POTS	1648.7	1649.1	III	G	2	40X	350	
			POTS	1653 U	1700 U	I	S,N	2	120	380	
			POTS	1752 U	1842 U	I	S,N	2	200U	400U	
	2100	2400	CULG	2311.0	2344.0	IV		1	57X	200	
			LEAR	2313.0	0318.0	CONT		1	57	180	
			HOLL	2330.0	2337.0	III		2	25	85	
			PALE	2331.0	2334.0	III		1	25	88	
	1920	2400	HIRA	2331.0	2336.0	III	G	3	25X	100	
			LEAR	2332.0	2335.0	III		1	25	88	
			CULG	2333.0	2335.0	UNCLF		3	57X	85	
			PALE	2334.0	2339.0	II		1	25	88	ESS 0668
			LEAR	2353.0	0012.0	III	N	1	25	180	
			CULG	2354.0	2400.0	III	GG	3	57X	260	
			HIRA	2356.5	0002.5	III	G	3	25X	200	
31	0000	0700	CULG	0003.0	0030.0	III	N	1	57X	180	
			CULG	0007.0	0007.0	III	B	1	120	1000	
	0000	0950	HIRA	0011.0	0012.0	III	B	2	110	370	
			CULG	0304.0	0315.0	II	SH	1	57X	85	ESS 400
			LEAR	0304.0	0318.0	II		1	37U	87U	ESS 0498
			HIRA	0312.0	0318.0	II		1	40	50	
	0337	1848	POTS	0409 U	1848 U	I	S,N,DC	1	120	400U	
			CULG	0503.0	0504.0	III	G	1	57X	160	
	0603	1200	IZMI	0603.0	0850.0U	I	N	1	110	155	
			CULG	0605.0	0612.0	III	G	1	57X	160	
			POTS	0605.6	0612.2	III	GG,N	2	110	290	
			IZMI	0605.8	0607.8	III	GG	1	45	90	
			IZMI	0607.3	0607.4	III	N	1	45	175	
			POTS	0806.3	0809.1	III	GG	2	40X	330	
			IZMI	1018.6	1018.8	III	B	1	45	90	
			POTS	1019.9	1020.2	III	B	2	40X	130	
			IZMI	1031.0	1031.1	III	B	1	45	90	
			IZMI	1047.4	1047.6	III	B	1	45	90	
			POTS	1113.0	1113.5	III	G	3	40X	170U	
			SVTO	1114.0	1115.0	III		1	25	131	
			IZMI	1114.5	1115.4	III	G	2	25X	150	
			IZMI	1125.0	1149.0	I	N	1	180	270X	
	0418	1741	ONDR	1255.4	1300.5	DCIM	G	1	2000X	4500X	
			POTS	1257.2	1257.6	III	G	2	60	480	
	0430	1805	BLEN	1258.4	1259.4	III	G,C	2	180	4000X	
			SVTO	1559.0	1600.0	III		1	36U	82U	
			HOLL	1722.0	1723.0	III		1	25	140	
			PALE	1722.0	1723.0	III		1	25	86	
			SVTO	1722.0	1723.0	III		1	25	134	
			SGMR	1723.0	1724.0	V		1	30	47	
			SGMR	1808.0	1809.0	V		2	30	54	
	1920	2400	HIRA								

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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
31	2100	2400	CULG	2100.0E	2400.0D	I	S	1	100	180	
			LEAR	2313.0	0056.0	CONT		1	120	180	
			CULG	2337.0	2338.0	III	G	1	57X	80	
			HOLL	2337.0	2338.0	III		1	25	75	
			HOLL	2353.0	0012.0	III	N	1	25	180	

Event Remarks:

B = Single burst
C = Underlyling 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

NOTE: Beginning June 26, 2001, the Bleien observatory changed to higher frequencies (1-4Ghz).