07791					34,2640	77745	1		DLOAD		
07792	REP	9	LAST	566	34,2641	15332	1			ZEROVECS	
07793	REP	6	LAST	552	34,2642	01126	0		STORE	VHFCNT	ZERO OUT VHFCNT AND TRKMKCNT
0760					34,2643	77614	1	REND6	SET		
0761	REP	6	LAST	570	34,2644	02476	0			RENDWFLG	
0762					34,2645	52375	1		VLOAD	VSU	
0763	REP	2	LAST	78	34,2646	01215	0			LEMPOS	
0764	REP	2	LAST	78	34,2647	01207	0			CSMPOS	
0765	REP	3	LAST	566	34,2650	03531	0		STORE	RCLP	LM - CSM
0766					34,2651	43056	0	REND7	UNIT	BON	
0767	REP	2	LAST	569	34,2652	04707	0			SOURCFLG	
0768	REP	1			34,2653	71045	0			REND14	BRANCH IF DATA IS RADAR
0769	REP	1			34,2654	01273	0		STORE	UCL	
0770					34,2655	45014	0		BOFF	CALL	
0771	REP	2	LAST	570	34,2656	02744	1			INCORFLG	
0772	REP	1			34,2657	70671	0			REND9	
0773	REP	1			34,2660	47110	1			GETLM	CALCULATE LM LINE OF SIGHT
0774	REP	3	LAST	566	34,2661	25235	1		STOVL	LM	
0775	REP	2	LAST	571	34,2662	01273	0			UCL	
0776					34,2663	40035	0		VXV	ROV	
0777	REP	4	LAST	571	34,2664	01235	1			LM	UCL X LM
0778	REP	1			34,2665	70666	0			REND8	
0779					34,2666	40056	0	REND8	UNIT	ROV	
0800	REP	1			34,2667	70555	0			REND3	BRANCH IF OVERFLOW IGNORE MARK
0801	REP	4	LAST	566	34,2670	01245	0		STORE	USTAR	
0802					34,2671	77624	1	REND9	CALL		
0803	REP	1			34,2672	47047	1			BVECTORS	
0804					34,2673	77214	0		BON	VLOAD	
0805	REP	7	LAST	570	34,2674	00707	1			VEHUPFLG	
0806	REP	1			34,2675	70701	0			REND9A	
0807	REP	7	LAST	566	34,2676	03502	0			BVECTOR	
0808					34,2677	77676	0		VCOMP		
0809	REP	8	LAST	571	34,2700	03502	0		STORE	BVECTOR	
0810					34,2701	77624	1	REND9A	CALL		
08101	REP	7	LAST	570	34,2702	56741	0			GRP2PC	
08102					34,2703	77614	1		BON		
0811	REP	3	LAST	251	34,2704	00706	0			R23FLG	
0812	REP	1			34,2705	71076	0			REND15	BRANCH IF BACKUP OPTICS (R23 WORKING)
0813					34,2706	43345	1		DLOAD	DAD	
0814	REP	1			34,2707	31220	0			SXTVAR	
0815	REP	1			34,2710	31222	1			IMUVAR	
0816	REP	2	LAST	119	34,2711	27526	0	REND10	STOVL	VARIANCE	TEMP STORAGE FOR VARIANCE CALC.
0817	REP	4	LAST	571	34,2712	03531	0			RCLP	
0818					34,2713	60246	1		ABVAL	NORM	
0819	REP	19	LAST	568	34,2714	00047	1			X1	
0820					34,2715	41316	0		DSQ	DMP	
0821	REP	3	LAST	571	34,2716	03526	0			VARIANCE	
0822					34,2717	45070	1		XAD,1	CALL	
0823	REP	20	LAST	571	34,2720	00046	0			X1	
0824	REP	2	LAST	570	34,2721	56526	0			SHIFTNDX	GET EARTH MOON SCALING INDEX