


ISEE / ICE / IMP
NEWSLETTER


JAN, FEB, MAR 1994

I. GENERAL INFORMATION

There will be another annual IMP Science Team lunch meeting at the upcoming AGU meeting. It will be held on Thursday, May 26 in room 318 at the Baltimore Convention Center beginning at 12:00 noon. A view graph projector and screen will be available.

II. DATA PROCESSING

A. Most current data shipped as of April 1, 1994

	(GROUP # - DAY/YEAR)	
	IMP-8	ICE
DECOM	1834 - 058/94	815 086/94
MCE	1834 - 058/94	n/a

B. Whole groups not shipped which precede those above:

none

C. Requested redo's in progress:

IMP-8 Group	1313	X-43
	1314	X-43
	1316	X-43
	1318	X-43
	1319	X-43
	1336	X-43
	1442	X-43
	1449	X-43
	1817	X-44

ICE None

III. FUTURE PLANS

NASA Headquarters Space Physics Division has authorized IMP-8 operations for FY95.

IV. OPERATIONS

ICE

There were 26 real time passes with 9 commands transmitted to the ICE spacecraft with a 5.12 Percent coverage rate during this period.

The Heckman (HKH) experiment was turned off, on February 22, 1994, and the Steinberg (SBH) experiment was turned off, on March 21, 1994, to maintain adequate power reserves as the spacecraft moves further away from the Sun, decreasing available solar power.

IMP-8

There were 90 real time passes with 371 commands transmitted to the IMP-8 spacecraft with a 70.18 Percent coverage rate during this period.

A Geospace Environment Modeling (GEM) campaign started on January 11 at 1600Z and ended on January 14 at 1600Z. Results of data recovered from IMP-8 during this period were 52.22 percent. The University of Tasmania was unable to support any of the requested time during this period. Unfortunately the spacecraft was in the southern hemisphere for the majority of this time frame.

A tape received from the Redu station, recorded during the last IMP-8 eclipse on September 15, was played back from the Wallops station on February 18. The data indicated that the spacecraft exited the eclipses penumbra at approximately 15/2348Z vice the predicted exit time of 16/0042Z. This information has been supplied to the Flight Dynamics Facility for their use in updating IMP-8 predicts.

ICE/IMP TPOCC

String 1 was upgraded from a 380 HP system to a 715 HP system on January 5, 1994 completed testing and was declared operational with release 7. Both string 1 and string 2 are now operational with release 7 on HP 715 systems.

DATA RECOVERY

The overall telemetry coverage for this period was:

	JANUARY	FEBRUARY	MARCH	1994
ICE	4.49%	5.09%	5.80%	
IMP-8	75.35%	67.42%	67.76%	

Details of the coverage for ICE and IMP-8 are listed in attachment "A".

ATTACHMENT A

Data coverage for January 1, 1994 (001) through March 31, 1994 (090). The tabulation includes data from the University of Tasmania only through March 14, 1994, the last received from them.

	DDD	HH MM	IN UT
	ICE		IMP
001	NONE		1722-2400
002	1406-1800		0000-0004 1207-2400
003	NONE		0000-0250 1111-2400
004	0641-0828 0833-1240		0000-2400
005	NONE		0000-2400
006	NONE		0000-2400
007	NONE		0000-1405 1613-2400
008	1418-1805		0000-1421 2052-2400
009	NONE		0000-1414
010	1410-1800		0055-1339 1600-2027
011	NONE		1215-1400 1640-2053
012	NONE		1215-1639 2036-2400
013	NONE		0000-0215 1215-2400
014	NONE		0000-0553 1134-2400
015	NONE		0000-0748 1027-2400

016	NONE	0000-0925 0946-2400
017	NONE	0000-2400
018	NONE	0000-2400
019	NONE	0000-2400
020	0017-0340	0000-1835 1847-2400
021	NONE	0000-1911 2251-2400
022	NONE	0000-1930 2041-2400
023	1740-1955	0000-0215 1315-1345 1458-1947
024	NONE	1215-1515 1953-2400
025	NONE	0000-0106 1215-2400
026	0950-1350	0000-0459 1051-2400
027	NONE	0000-0653 0942-2400
028	NONE	0000-0247 0900-2400
029	NONE	0000-0515 0818-2400
030	1553-2140	0000-2400
031	NONE	0000-2400
032	NONE	0000-1242 1727-2400
033	1051-1415	0000-1819 2145-2400
034	NONE	0000-1211

035	NONE	1330-1400 2210-2400
036	NONE	0000-0612 1200-1450
037	1615-2015	1200-1511 1516-2044
038	NONE	0957-2400
039	NONE	0000-0605 0851-2400
040	1401-2025	0000-0735 0821-2400
041	NONE	0000-0420 0729-2400
042	NONE	0000-2400
043	NONE	0000-2400
044	1147-1407	0000-1152 1255-1640 1646-2400
045	NONE	0000-1350 2116-2400
046	NONE	0000-1116 1416-2210 2215-2400
047	NONE	0000-0105 1345-1806
048	0848-1145	1215-1440 1820-2356
049	NONE	1200-1404 1429-2400
050	0845-1145	0000-0130 0913-2254
051	NONE	0806-2400
052	NONE	0000-0059 0725-2400

053	1010-1415	0000-0318 0644-2400
054	NONE	0000-2400
055	1505-1905	0000-2400
056	NONE	0000-1105 1605-2400
057	NONE	0000-1100 2047-2400
058	NONE	0000-1023
059	1540-1644 1651-1950	1330-1400 1438-2235
060	NONE	1330-1400 1800-2246
061	NONE	0339-0510 1215-2400
062	NONE	0000-0130 0839-2400
063	1540-1641 1646-1950	0000-0130 0725-2400
064	NONE	0000-0130 0641-2400
065	NONE	0000-0211 0600-2400
066	0948-1405 *	0000-2400
067	NONE	0000-2400
068	NONE	0000-1519 1524-2400
069	NONE	0000-1012 1956-2400
070	0741-1147	0137-1616
071	NONE	1245-1315
072	NONE	1600-1630 2118-2358

073	0740-1245	0033-0412 0417-0726 1327-2400
074	NONE	0000-0110 0808-1211 1206-2038 2033-2400
075	NONE	0000-0308 0643-2400
076	NONE	0000-0440 0558-2400
077	1521-1945	0000-2400
078	NONE	0000-2400
079	NONE	0000-2400
080	0720-1050	0000-0925 1420-2400
081	NONE	0000-0922 1841-2400
082	NONE	0000-1524
083	1711-2045	1019-1538
084	NONE	1300-1330 1800-1926
085	NONE	1300-1535
086	NONE	0736-1931
087	0759-1445	0527-1837 1847-2400
088	NONE	0000-0130 0510-2400
089	NONE	0000-2400
090	NONE	0000-2400

* Data drops out and in throughout this time.

** Tasmania coverage for IMP-8 reported only through March 14, 1994 (Day 073).

[15] From: Christopher Padgett at HUB_400 4/13/94 10:55AM (979 bytes: 18 ln)
Subject: General Purpose Statement

----- Message Contents -----
General Purpose Statement for the Excess Bulletin Board

The Excess Bulletin Board is maintained in the cc:Mail electronic mail environment for the purpose of redistributing tangible resources to NASA organizations for official government use. This pertains to controlled real property, accessories, and consumable items (supplies).

In the subject field of the message, please include a concise description/categorization of the item(s) available. It is not necessary to include the word "excess" in the subject field since the message will be posted to the Excess Bulletin Board.

If you have any questions concerning this Bulletin Board, please contact Rick Ousley on 301/286-2007.

→