IMP-6/7/8 PROGRAMS DOCUMENT

JULY 27, 1988

Henry LO

Table of Contents

Program Name: DPS6 (Data Processing System for IMP-I)

Function: This program produces time continuous Encyclopedia (ENCY) tapes from the Experimenter DECOM tapes produced by the IPD(Information Processing Division), also produces a printed data summary.

Datasets

Source Dataset(s)

- SB#IM.IMP6DPS.SOURCE, SB#IM.UTILITY.SOURCE

Library Dataset(s)

- FTIO package

Run Dataset(s)

JCL	CLIST
refer to JCL(linkgo) in IMP 6/7/8 User's Guide on page 1-7	NONE

Compile and Link Datasets

JCL	CLIST
Construct build from IMP Programming Systems Overview on page 81, source not verified, current build from load libraries (refer to IMP 6/7/8 User's guide on page 1-7)	NONE

Backup Verification

- SB#IM.IMP6DPS.SOURCE (HSM: 84/05/11)
- SB#IM.Z.IMP6DPS.SOURCE.V0183039 (LIBMAN)
- SB#IM.Z.IMP6DPS.SOURCE.V0183039 (TAPE IMPBK1, file 41)
- SB#IM.UTILITY.SOURCE (HSM: 88/01/15)

- SB#IM.Z.UTILITY.SOURCE.V0683322 (LIBMAN)
- SB#IM.Z.UTILITY.SOURCE.V0683322 (TAPE IMPBK1, file 340)

Program Documentation

Document	User's Guide
Name: IMP Programming Systems Overview for the Cosmic Ray and Solar Electron Experiments 10,11,28,32,52	IMP-6/7/8 (loose leaf note book)
Author: P. Schuster	
Location: room 261, Building 1	
Last Revised:	
Pages:	loose TAB A

Program Name: DPS7 (Data Processing System for IMP-H)

Function: This program produces time continuous Encyclopedia (ENCY) tapes from the Experimenter DECOM tapes produced by the IPD(Information Processing Division), also produces a printed data summary.

Datasets

Source Dataset(s)

- SB#IM.IMP7DPS.SOURCE, SB#IM.IMP6DPS.SOURCE
- SB#IM.UTILITY.SOURCE

Library Dataset(s)

- FTIO package

Run Dataset(s)

JCL	CLIST
SB#IM.LIB.CNTL(IMP7DPS)	NONE

Compile and Link Datasets

JCL	CLIST
construct build from IMP Programming Systems Overview on page 81, source not verified, current build from linkgo in SB#IM.OLDLIB.CNTL(I7DPS32)	NONE

Backup Verification

- SB#IM.IMP7DPS.SOURCE (no HSM)
- SB#IM.Z.IMP7DPS.SOURCE.V0183039 (LIBMAN)
- SB#IM.Z.IMP7DPS.SOURCE.V0183039 (TAPE IMPBK1, FILE 49)

- SB#IM.IMP6DPS.SOURCE (HSM: 84/05/11)
- SB#IM.Z.IMP6DPS.SOURCE.V0183039 (LIBMAN)
- SB#IM.Z.IMP6DPS.SOURCE.V0183039 (TAPE IMPBK1, FILE 41)
- SB#IM.UTILITY.SOURCE (HSM: 88/01/15)
- SB#IM.Z.UTILITY.SOURCE.V0683322 (LIBMAN)
- SB#IM.Z.UTILITY.SOURCE.V0683322 (TAPE IMPBK1, FILE 340)

Program Documentation

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                Document                          User's Guide
                --------                          ------------
Name:IMP Programming Systems Overview for the     IMP-6/7/8
     Cosmic Ray and Solar Electron Experiments    (loose leaf
     10,11,28,32,52                                note book)
Author: P. Schuster
Location: Room 261, Building 1
Last Revised:
Pages:                                            loose TAB M
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Program Name: DPS8 (Data Processing System for IMP-J)

Function: This program produces time continuous Encyclopedia (ENCY) tapes from the Experimenter DECOM tapes produced by the IPD(Information Processing Division), also produces a printed data summary and a printed catalog summary.

Datasets

Source Dataset(s)

- SB#IM.IMP8DPS.SOURCE, SB#IM.IMP7DPS.SOURCE
- SB#IM.IMP6DPS.SOURCE, SB#IM.UTILITY.SOURCE

Library Dataset(s)

- FTIO package

Run Dataset(s)

JCL	CLIST
SB#IM.LIB.CNTL(IMP8DPS)	NONE

Compile and Link Datasets

JCL	CLIST
construct build from IMP Programming Systems Overview on page 81, source not verified, after load module build, run SB#IM.IMP8DPS.SOURCE(B$UNLOA) to obtain current load module ,see $DIR member for explanation of final step.	NONE

Backup Verification

- SB#IM.IMP8DPS.SOURCE (HSM: 85/12/11)
- SB#IM.Z.IMP8DPS.SOURCE.V0183035 (LIBMAN)

- SB#IM.Z.IMP8DPS.SOURCE.V0183035 (TAPE IMPBK1, FILE 300)
- SB#IM.IMP7DPS.SOURCE (no HSM)
- SB#IM.Z.IMP7DPS.SOURCE.V0183039 (LIBMAN)
- SB#IM.Z.IMP7DPS.SOURCE.V0183039 (TAPE IMPBK1, FILE 49)
- SB#IM.IMP6DPS.SOURCE (HSM: 84/05/11)
- SB#IM.Z.IMP6DPS.SOURCE.V0183039 (LIBMAN)
- SB#IM.Z.IMP6DPS.SOURCE.V0183039 (TAPE IMPBK1, FILE 41)
- SB#IM.UTILITY.SOURCE (HSM: 88/01/15)
- SB#IM.Z.UTILITY.SOURCE.V0683322 (LIBMAN)
- SB#IM.Z.UTILITY.SOURCE.V0683322 (TAPE IMPBK1, FILE 340)

Program Documentation

	Document	User's Guide
Name:	IMP Programming Systems Overview for the Cosmic Ray and Solar Electron Experiments 10,11,28,32,52	IMP-6/7/8 (loose leaf note book)
Author:	P. Sshuster	
Location:	Room 261, Building 1	
Last Revised:		
Pages:		loose TAB U

Program Name: DBG6 (Data Base Generator for IMP-I)

Function: This program reads Encyclopedia(ENCY) tapes to create CNTS and PHAS tapes for the Cosmic Ray experiment on board the IMP-I spacecraft, also generates a printed summary.

Datasets

Source Dataset(s)

- SB#IM.DBG6.SOURCE, SB#IM.IMP6DPS.SOURCE
- SB#IM.UTILITY.SOURCE

Library Dataset(s)

- FTIO package

Run Dataset(s)

JCL	CLIST
refer to JCL(linkgo) in IMP 6/7/8 User's Guide on page 2-4	NONE

Compile and Link Datasets

JCL	CLIST
construct build from IMP Programming Systems Overview on page 78, source not verified, or build from load libraries (refer to IMP 6/7/8 User's guide on page 2-4)	NONE

Backup Verification

- SB#IM.DBG6.SOURCE (HSM: 85/03/06)
- SB#IM.Z.DBG6.SOURCE.V0183039 (LIBMAN)
- SB#IM.Z.DBG6.SOURCE.V0183039 (TAPE IMPBK1, FILE 81)
- SB#IM.IMP6DPS.SOURCE (HSM: 84/05/11)

- SB#IM.Z.IMP6DPS.SOURCE.V0183039 (LIBMAN)
- SB#IM.Z.IMP6DPS.SOURCE.V0183039 (TAPE IMPBK1, FILE 41)
- SB#IM.UTILITY.SOURCE (HSM: 88/01/15)
- SB#IM.Z.UTILITY.SOURCE.V0683322 (LIBMAN)
- SB#IM.Z.UTILITY.SOURCE.V0683322 (TAPE IMPBK1, FILE 340)

Program Documentation

Document	User's Guide
Name:IMP Programming Systems Overview for the Cosmic Ray and Solar Electron Experiments 10,11,28,32,52	IMP-6/7/8 (loose leaf note book)
Author: P. Schuster	
Location: room 261, Building 1	
Last Revised:	
Pages:	loose TAB B
Name:IMP-6 Documentation BOOK 1	
Author:	
Location: room 261, Building 1	
Last Revised:	
Pages:	

Program Name: DBG7 (Data Base Generator for IMP-H)

Function: This program reads Encyclopedia(ENCY) tapes to create CNTS and PHA tapes for the Cosmic Ray experiment on board the IMP-H spacecraft, also generates a printed summary.

Datasets

Source Dataset(s)

- SB#IM.DBG7.SOURCE, SB#IM.IMP6DPS.SOURCE
- SB#IM.UTILITY.SOURCE

Library Dataset(s)

- FTIO package

Run Dataset(s)

JCL	CLIST
SB#IM.LIB.CNTL(DBG7)	NONE

Compile and Link Datasets

JCL	CLIST
construct build from IMP Programming System Overview on page 78, source not verified, current build from linkgo in SB#IM.OLDLIB.CNTL(I7DBG32)	NONE

Backup Verification

- SB#IM.DBG7.SOURCE (HSM: 85/03/06)
- SB#IM.Z.DBG7.SOURCE.V0183035 (LIBMAN)
- SB#IM.Z.DBG7.SOURCE.V0183035 (TAPE IMPBK1, FILE 132)
- SB#IM.IMP6DPS.SOURCE (HSM: 84/05/11)

- SB#IM.Z.IMP6DPS.SOURCE.V0183039 (LIBMAN)
- SB#IM.Z.IMP6DPS.SOURCE.V0183039 (TAPE IMPBK1, FILE 41)
- SB#IM.UTILITY.SOURCE (HSM: 88/01/15)
- SB#IM.Z.UTILITY.SOURCE.V0683322 (LIBMAN)
- SB#IM.Z.UTILITY.SOURCE.V0683322 (TAPE IMPBK1, FILE 340)

Program Documentation

Document	User's Guide
Name:IMP Programming Systems Overview for the Cosmic Ray and Solar Electron Experiments 10,11,28,32,52	IMP-6/7/8 (loose leaf note book)
Author: P. Schuster	
Location: room 261, Building 1	
Last Revised:	
Pages:	loose TAB Mc
Name:IMP Documentation BOOK 2	
Author:	
Location: room 261, Building 1	
Last Revised:	
Pages:	

Program Name: DBG8 (Data Base Generator for IMP-J)

Function: This program reads Encyclopedia(ENCY) tapes to create CNTS and PHA tapes for the Cosmic Ray experiment on IMP-J spacecraft, also generates a printed summary.

Datasets

Source Dataset(s)

- SB#IM.DBG8.SOURCE, SB#IM.DBG7.SOURCE
- SB#IM.IMP6DPS.SOURCE, SB#IM.UTILITY.SOURCE

Library Dataset(s)

- FTIO package

Run Dataset(s)

JCL	CLIST
SB#IM.LIB.CNTL(DBG8)	NONE

Compile and Link Datasets

JCL	CLIST
construct build from IMP Programming Systems Overview on page 78, source not verified, current build from linkgo in SB#IM.OLDLIB.CNTL(I8DBG)	NONE

Backup Verification

- SB#IM.DBG8.SOURCE (HSM: 85/03/06)
- SB#IM.Z.DBG8.SOURCE.V0183035 (LIBMAN)
- SB#IM.Z.DBG8.SOURCE.V0183035 (TAPE IMPBK1, FILE 131)
- SB#IM.DBG7.SOURCE (HSM: 85/03/06)

- SB#IM.Z.DBG7.SOURCE.V0183035 (LIBMAN)
- SB#IM.Z.DBG7.SOURCE.V0183035 (TAPE IMPBK1, FILE 132)
- SB#IM.IMP6DPS.SOURCE (HSM: 84/05/11)
- SB#IM.Z.IMP6DPS.SOURCE.V0183039 (LIBMAN)
- SB#IM.Z.IMP6DPS.SOURCE.V0183039 (TAPE IMPBK1, FILE 41)
- SB#IM.UTILITY.SOURCE (HSM: 88/01/15)
- SB#IM.Z.UTILITY.SOURCE.V0683322 (LIBMAN)
- SB#IM.Z.UTILITY.SOURCE.V0683322 (TAPE IMPBK1, FILE 340)

Program Documentation

Document	User's Guide
Name:IMP Programming Systems Overview for the Cosmic Ray and Solar Electron Experiments 10,11,28,32,52	IMP-6/7/8 (loose leaf note book)
Author: P. Schuster	
Location: room 261, Building 1	
Last Revised:	
Pages:	loose TAB V
Name:IMP Documentation BOOK 2	
Author:	
Location: room 261, Building 1	
Last Revised:	
Pages:	

Program Name: VLET SUMMARY (for IMP-J)

Function: This program reads Counts tapes to create VLET PHA Summary(VLET) tapes for the Cosmic Ray Experiemnt on board the IMP-J spacecraft.

Datasets

Source Dataset(s)

- SB#IM.VLTSMRY8.SOURCE, SB#IM.IMP6DPS.SOURCE
- SB#IM.ANALIMP8.SOURCE, SB#IM.UTILITY.SOURCE
- SB#IM.READCT.FORT, SB#IM.PSEUDO.CNTL

Library Dataset(s)

- FTIO package

Run Dataset(s)

JCL	CLIST
SB#IM.LIB.CNTL(VLTSMRY8)	NONE

Compile and Link Datasets

JCL	CLIST
construct build from IMP Programming Systems Overview on page 114, source not verified, current build from linkgo in SB#IM.OLDLIB.CNTL(VLETSUM), subsequently build pseudo FTIO ,see SB#IM.PSEUDO.CNTL(VLTSMR8B)	NONE

Backup Verification

- SB#IM.VLTSMRY8.SOURCE (HSM: 85/03/06)
- SB#IM.Z.VLTSMRY8.SOURCE.V0284110 (LIBMAN)
- SB#IM.Z.VLTSMRY8.SOURCE.V0284110 (TAPE IMPBK1, FILE 68)
- SB#IM.IMP6DPS.SOURCE (HSM: 84/05/11)

- SB#IM.Z.IMP6DPS.SOURCE.V0183039 (LIBMAN)
- SB#IM.Z.IMP6DPS.SOURCE.V0183039 (TAPE IMPBK1, FILE 41)
- SB#IM.ANALIMP8.SOURCE (HSM: 87/12/16)
- SB#IM.Z.ANALIMP8.SOURCE.V0284096 (LIBMAN)
- SB#IM.Z.ANALIMP8.SOURCE.V0284096 (TAPE IMPBK3, FILE 60)
- SB#IM.UTILITY.SOURCE (HSM: 88/01/15)
- SB#IM.Z.UTILITY.SOURCE.V0683322 (LIBMAN)
- SB#IM.Z.UTILITY.SOURCE.V0683322 (TAPE IMPBK1, FILE 340)
- SB#IM.READCT.FORT (HSM: 85/12/24)
- SB#IM.Z.READCT.FORT.V0286044 (LIBMAN)
- SB#IM.Z.READCT.FORT.V0286044 (TAPE IMPBK1, FILE 117)
- SB#IM.PSEUDO.CNTL (HSM: 88/04/26)
- SB#IM.Z.PSEUDO.CNTL.V0385325 (LIBMAN)
- SB#IM.Z.PSEUDO.CNTL.V0385325 (TAPE IMPBK1, FILE 111)

Program Documentation

	Document	User's Guide
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Name:	IMP Programming Systems Overview for the Cosmic Ray and Solar Electron Experiments 10,11,28,32,52	IMP-6/7/8 (loose leaf note book)
Author:	P. Schuster	
Location:	room 261, Building 1	
Last Revised:		
Pages:		loose TAB B'

Program Name: COUNTS SUMMARY (for IMP-I)

Function: This program generates summary counts(SMCT) tapes from the IMP-I CNTS tapes by averaging counts data over 15-minute intervals.

Datasets

Source Dataset(s)

- SB#IM.CNTSMRY6.SOURCE, SB#IM.IMP6DPS.SOURCE
- SB#IM.UTILITY.SOURCE

Library Dataset(s)

- FTIO package

Run Dataset(s)

JCL	CLIST
SB#IM.LIB.CNTL(CNTSMRY6)	NONE

Compile and Link Datasets

JCL	CLIST
construct build from IMP Programming Systems Overview on page 74, source not verified, current build from linkgo in SB#IM.OLDLIB.CNTL(CNTSMRY6)	NONE

Backup Verification

- SB#IM.CNTSMRY6.SOURCE (no HSM)
- SB#IM.Z.CNTSMRY6.SOURCE.V0183035 (LIBMAN)
- SB#IM.Z.CNTSMRY6.SOURCE.V0183035 (TAPE IMPBK1, FILE 293)
- SB#IM.IMP6DPS.SOURCE (HSM: 84/05/11)
- SB#IM.Z.IMP6DPS.SOURCE.V0183039 (LIBMAN)

- SB#IM.Z.IMP6DPS.SOURCE.V0183039 (TAPE IMPBK1, FILE 41)
- SB#IM.UTILITY.SOURCE (HSM: 88/01/15)
- SB#IM.Z.UTILITY.SOURCE.V0683322 (LIBMAN)
- SB#IM.Z.UTILITY.SOURCE.V0683322 (TAPE IMPBK1, FILE 340)

Program Documentation

	Document	User's Guide
Name:	IMP Programming Systems Overview for the Cosmic Ray and Solar Electron Experiments 10,11,28,32,52	IMP-6/7/8 (loose leaf note book)
Author:	P. Schuster	
Location:	room 261, Building 1	
Last Revised:		
Pages:		loose TAB K
Name:	IMP-6 Documentation BOOK 1	
Author:		
Location:	room 261, Building 1	
Last Revised:		
Pages:		

Program Name: COUNTS SUMMARY (for IMP-H)

Function: This program generates summary counts(SMCT) tapes from the IMP-H CNTS tapes by averaging counts data over 15-minute intervals.

Datasets

Source Dataset(s)

- SB#IM.CNTSMRY7.SOURCE, SB#IM.IMP6DPS.SOURCE
- SB#IM.UTILITY.SOURCE

Library Dataset(s)

- FTIO package

Run Dataset(s)

JCL	CLIST
SB#IM.LIB.CNTL(CNTSMRY7)	NONE

Compile and Link Datasets

JCL	CLIST
construct build from IMP Programming Systems Overview on page 74, source not verified, current build form linkgo in SB#IM.OLDLIB.CNTL(CNTSMRY7)	NONE

Backup Verification

- SB#IM.CNTSMRY7.SOURCE (no HSM)
- SB#IM.Z.CNTSMRY7.SOURCE.V0183035 (LIBMAN)
- SB#IM.Z.CNTSMRY7.SOURCE.V0183035 (TAPE IMPBK1, FILE 289)
- SB#IM.IMP6DPS.SOURCE (HSM: 84/05/11)
- SB#IM.Z.IMP6DPS.SOURCE.V0183039 (LIBMAN)

- SB#IM.Z.IMP6DPS.SOURCE.V0183039 (TAPE IMPBK1, FILE 41)
- SB#IM.UTILITY.SOURCE (HSM: 88/01/15)
- SB#IM.Z.UTILITY.SOURCE.V0683322 (LIBMAN)
- SB#IM.Z.UTILITY.SOURCE.V0683322 (TAPE IMPBK1, FILE 340)

Program Documentation

	Document	User's Guide
Name:	IMP Programming Systems Overview for the Cosmic Ray and Solar Electron Experiments 10,11,28,32,52	IMP-6/7/8 (loose leaf note book)
Author:	P. Schuster	
Location:	room 261, Building 1	
Last Revised:		
Pages:		loose TAB F'
Name:	IMP Documentation BOOK 2	
Author:		
Location:	room 261, Building 1	
Last Revised:		
Pages:		

Program Name: COUNTS SUMMARY (for IMP-J)

Function: This program generates summary counts(SMCT) tapes from the IMP-J CNTS tapes by averaging counts data.

Datasets

Source Dataset(s)

- SB#IM.CNTSMRY8.SOURCE, SB#IM.IMP6DPS.SOURCE
- SB#IM.UTILITY.SOURCE

Library Dataset(s)

- FTIO package

Run Dataset(s)

JCL	CLIST
SB#IM.LIB.CNTL(CNTSMRY8)	NONE

Compile and Link Datasets

JCL	CLIST
construct build from IMP Programming Systems Overview on page 74, source not verified, current build from linkgo in SB#IM.OLDLIB.CNTL(CNTSMRY8)	NONE

Backup Verification

- SB#IM.CNTSMRY8.SOURCE (no HSM)
- SB#IM.Z.CNTSMRY8.SOURCE.V0284110 (LIBMAN)
- SB#IM.Z.CNTSMRY8.SOURCE.V0284110 (TAPE IMPBK3, FILE 74)
- SB#IM.IMP6DPS.SOURCE (HSM: 84/05/11)
- SB#IM.Z.IMP6DPS.SOURCE.V0183039 (LIBMAN)

- SB#IM.Z.IMP6DPS.SOURCE.V0183039 (TAPE IMPBK1, FILE 41)
- SB#IM.UTILITY.SOURCE (HSM: 88/01/15)
- SB#IM.Z.UTILITY.SOURCE.V0683322 (LIBMAN)
- SB#IM.Z.UTILITY.SOURCE.V0683322 (TAPE IMPBK1, FILE 340)

Program Documentation

	Document	User's Guide
Name:	IMP Programming Systems Overview for the Cosmic Ray and Solar Electron Experiments 10,11,28,32,52	IMP-6/7/8 (loose leaf note book)
Author:	P. Schuster	
Location:	room 261, Building 1	
Last Revised:		
Pages:		loose TAB H'
Name:	IMP Documentation BOOK 2	
Author:		
Location:	room 261, Building 1	
Last Revised:		
Pages:		

Program Name: COMPRESSION

Function: This program copies data from 1600 BPI tapes to 6250 BPI tapes.

Datasets

Source Dataset(s)

- SB#IM.COMPRESS.SOURCE

Library Dataset(s)

- FTIO package

Run Dataset(s)

JCL	CLIST
exected by running PRECOM	SB#IM.LIB.CLIST(PRECOM)

Compile and Link Datasets

JCL	CLIST
SB#IM.COMPRESS.SOURCE($BUILD)	NONE

Backup Verification

- SB#IM.COMPRESS.SOURCE (no HSM)
- SB#IM.Z.COMPRESS.SOURCE.V0184192 (LIBMAN)
- SB#IM.Z.COMPRESS.SOURCE.V0184192 (TAPE IMPBK3, FILE 91)

Program Documentation

Document	User's Guide
Name:IMP Data Base Compression Preprocessor for Compression program	Procedure Guide for IMP Data Base Compression
Author: B. S. Reddy	M. Shen
Location: room 261, Building 1	room 261, Building 1
Last Revised:	85/03/25
Pages:	
Name:IMP Data Base Compression Maintenance Manual	IMP Data Base Compression User's Guide
Author: B. S. Reddy	B. S. Reddy
Location: room 261, Building 1	room 261, Building 1
Last Revised:	
Pages:	
Name:IMP Data Base Compression Software Detail Design	User's Guide for COMCHK
Author: B. S. Reddy	B. S. Reddy
Location: room 261, Building 1	room 261, Building 1
Last Revised:	
Pages:	
Name:IMP Data Base Compression Analysis Report	
Author: B. S. Reddy	
Location: room 261, Building 1	
Last Revised:	
Pages:	

Program Name: INTERMEDIATE FLUX (for all IMP)

Function: This programs sorts PHA events from PHA tapes into the LED and MED flux boxes. Selected rates information in addition to the box counts are summarized over 5-minute intervals and written out as IMP FLUX tape records.

Datasets

Source Dataset(s)

- SB#IM.INTFLUX.SOURCE, SB#IM.FINEGAIN.CNTL
- SB#IM.IMP6DPS.SOURCE, SB#IM.UTILITY.SOURCE
- SB#IM.READCT.FORT, SB#IM.PSEUDO.CNTL

Library Dataset(s)

- FTIO package

Run Dataset(s)

JCL	CLIST
SB#IM.LIB.CNTL(FLUX7DBG) SB#IM.LIB.CNTL(FLUX8DBG)	NONE

Compile and Link Datasets

JCL	CLIST
construct build from IMP Programming Systems Overview on page 97, source is 95% confidence, current build from linkgo in SB#IM.OLDLIB.CNTL(FLUX7JCL), SB#IM.OLDLIB.CNTL(FLUX8JCL) then make pseudo FTIO from SB#IM.PSEUDO.CNTL(FLUX7B) and member FLUX8B	NONE

Backup Verification

- SB#IM.INTFLUX.SOURCE (HSM: 87/11/28)
- SB#IM.Z.INTFLUX.SOURCE.V0183035 (LIBMAN)

- SB#IM.Z.INTFLUX.SOURCE.V0183035 (TAPE IMPBK3, FILE 140)
- SB#IM.FINEGAIN.CNTL (HSM: 88/04/29)
- SB#IM.Z.FINEGAIN.CNTL.V0287223 (LIBMAN)
- SB#IM.Z.FINEGAIN.CNTL.V0287223 (TAPE IMPBK3, FILE 127)
- SB#IM.IMP6DPS.SOURCE (HSM: 84/05/11)
- SB#IM.Z.IMP6DPS.SOURCE.V0183039 (LIBMAN)
- SB#IM.Z.IMP6DPS.SOURCE.V0183039 (TAPE IMPBK1, FILE 41)
- SB#IM.UTILITY.SOURCE (HSM: 88/01/15)
- SB#IM.Z.UTILITY.SOURCE.V0683322 (LIBMAN)
- SB#IM.Z.UTILITY.SOURCE.V0683322 (TAPE IMPBK1, FILE 340)
- SB#IM.READCT.FORT (HSM: 85/12/24)
- SB#IM.Z.READCT.FORT.V0286044 (LIBMAN)
- SB#IM.Z.READCT.FORT.V0286044 (TAPE IMPBK1, FILE 117)
- SB#IM.PSEUDO.CNTL (HSM: 88/04/26)
- SB#IM.Z.PSEUDO.CNTL.V0385325 (LIBMAN)
- SB#IM.Z.PSEUDO.CNTL.V0385325 (TAPE IMPBK1, FILE 111)

Program Documentation

	Document	User's Guide
Name:	IMP Programming Systems Overview for the Cosmic Ray and Solar Electron Experiments 10,11,28,32,52	IMP-6/7/8 (loose leaf note book)
Author:	P. Schuster	
Location:	room 261, Building 1	
Last Revised:		
Pages:		loose TAB H
Name:	IMP Documentation BOOK 2	
Author:		
Location:	room 261, Building 1	
Last Revised:		
Pages:		

Program Name: INTERMEDIATE FLEX (for IMP-H/J)

Function: This program sorts PHA events from PHA tapes into the LED and MED flux boxes. Selected rates information in additon to the box counts are summmarized over 5-minutes intervals and written out as IMP FLEX tape records.

Datasets

Source Dataset(s)

- SB#IM.INTFLUX.NEWSOURC, SB#IM.INTFLUX.SOURCE
- SB#IM.UTILITY.SOURCE
-

Library Dataset(s)

- FTIO, DAIO packages

Run Dataset(s)

JCL	CLIST
SB#IM.LIB.CNTL(FLEX7DBG) SB#IM.LIB.CNTL(FLEXDBG8)	NONE

Compile and Link Datasets

JCL	CLIST
construct build from IMP Programming Systems Overview on page 97, source is 95% confidence, current build from linkgo in SB#IM.OLDLIB.CNTL(FLEX7JCL), SB#IM.OLDLIB.CNTL(FLEX8JCL), then make pseudo FTIO from SB#IM.PSEUDO.CNTL(FLEX7B) and member FLEX8B	NONE

Backup Verification

- SB#IM.INTFLUX.NEWSOURC (HSM: 87/11/28)
- SB#IM.INTFLUX.NEWSOURC.V0183039 (LIBMAN)
- SB#IM.INTFLUX.SOURCE (HSM: 87/11/28)
- SB#IM.Z.INTFLUX.SOURCE.V0183035 (LIBMAN)
- SB#IM.Z.INTFLUX.SOURCE.V0183035 (TAPE IMPBK3, FILE 140)
- SB#IM.UTILITY.SOURCE (HSM: 88/01/15)
- SB#IM.Z.UTILITY.SOURCE.V0683322 (LIBMAN)
- SB#IM.Z.UTILITY.SOURCE.V0683322 (TAPE IMPBK1, FILE 340)
- SB#IM.READCT.FORT (HSM: 85/12/24)
- SB#IM.Z.READCT.FORT.V0286044 (LIBMAN)
- SB#IM.Z.READCT.FORT.V0286044 (TAPE IMPBK1, FILE 117)
- SB#IM.PSEUDO.CNTL (HSM: 88/04/26)
- SB#IM.Z.PSEUDO.CNTL.V0385325 (LIBMAN)
- SB#IM.Z.PSEUDO.CNTL.V0385325 (TAPE IMPBK1, FILE 111)

Program Documentation

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                Document                          User's Guide
                --------                          ------------
Name:IMP Programming Systems Overview for the
     Cosmic Ray and Solar Electron Experiments
     10,11,28,32,52
Author: P. Schuster
Location: room 261, Building 1
Last Revised:
Pages:
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Program Name: PHA SUMMARIZER 6 (FOR IMP-I)

Function: This program reads PHAS tapes to create PHA SUMMARY(MATR) tapes and LOW GAIN data(LOWG) tapes for the Cosmic Ray experiment on board the IMP-I spacecraft.

Datasets

Source Dataset(s)

- SB#IM.PHASUM6.SOURCE, SB#IM.IMP6DPS.SOURCE
- SB#IM.UTILITY.SOURCE

Library Dataset(s)

- FTIO package

Run Dataset(s)

JCL	CLIST
refer to JCL(linkgo) in IMP 6/7/8 User's Guide on page 3-4	NONE

Compile and Link Datasets

JCL	CLIST
construct build from IMP Programming Systems Overview on page 105, source not verified, current build from load libraries (refer to IMP 6/7/8 User's Guide on page 3-4)	NONE

Backup Verification

- SB#IM.PHASUM6.SOURCE (no HSM)
- SB#IM.Z.PHASUM6.SOURCE.V0283129 (LIBMAN)
- SB#IM.Z.PHASUM6.SOURCE.V0283129 (TAPE IMPBK1, FILE 327)
- SB#IM.IMP6DPS.SOURCE (no HSM)
- SB#IM.Z.IMP6DPS.SOURCE.V0183039 (LIBMAN)

- SB#IM.Z.IMP6DPS.SOURCE.V0183039 (TAPE IMPBK1, FILE 41)
- SB#IM.UTILITY.SOURCE (HSM: 88/01/15)
- SB#IM.Z.UTILITY.SOURCE.V0683322 (LIBMAN)
- SB#IM.Z.UTILITY.SOURCE.V0683322 (TAPE IMPBK1, FILE 340)

Program Documentation

Document	User's Guide
Name:IMP Programming Systems Overview for the Cosmic Ray and Solar Electron Experiments 10,11,28,32,52	IMP-6/7/8 (loose leaf note book)
Author: P. Schuster	
Location: room 261, Building 1	
Last Revised:	
Pages:	loose TAB C
Name:IMP-6 Documentation BOOK 1	
Author:	
Location: room 261, Building 1	
Last Revised:	
Pages:	

Program Name: PHA SUMMARIZER 7 (FOR IMP-H)

Function: This program reads PHAS tapes to create PHA SUMMARY(MATR) tapes and LOW GAIN data(LOWG) tapes for the Cosmic Ray experiment on board the IMP-H spacecraft.

Datasets

Source Dataset(s)

- SB#IM.PHASUM7.SOURCE, SB#IM.IMP6DPS.SOURCE
- SB#IM.UTILITY.SOURCE, SB#IM.READCT.FORT
- SB#IM.PSEUDO.CNTL

Library Dataset(s)

- FTIO package

Run Dataset(s)

JCL	CLIST
SB#IM.LIB.CNTL(PHASUM7)	NONE

Compile and Link Datasets

JCL	CLIST
existing load module made from SB#IM.OLDLIB.CNTL(PHASUM7) but source is about 95% confidence, see IMP Programming System Overview on page 105, and SB#IM.PSEUDO.CNTL(PHASUM7B) for pseudo FTIO build onto load module.	NONE

Backup Verification

- SB#IM.PHASUM7.SOURCE (HSM: 87/11/05)
- SB#IM.Z.PHASUM7.SOURCE.V0183035 (LIBMAN)
- SB#IM.Z.PHASUM7.SOURCE.V0183035 (TAPE IMPBK1, FILE 235)

- SB#IM.IMP6DPS.SOURCE (no HSM)
- SB#IM.Z.IMP6DPS.SOURCE.V0183039 (LIBMAN)
- SB#IM.Z.IMP6DPS.SOURCE.V0183039 (TAPE IMPBK1, FILE 41)
- SB#IM.UTILITY.SOURCE (HSM: 88/01/15)
- SB#IM.Z.UTILITY.SOURCE.V0683322 (LIBMAN)
- SB#IM.Z.UTILITY.SOURCE.V0683322 (TAPE IMPBK1, FILE 340)
- SB#IM.READCT.FORT (HSM: 85/12/24)
- SB#IM.Z.READCT.FORT.V0286044 (LIBMAN)
- SB#IM.Z.READCT.FORT.V0286044 (TAPE IMPBK1, FILE 117)
- SB#IM.PSEUDO.CNTL (HSM: 88/04/26)
- SB#IM.Z.PSEUDO.CNTL.V0385325 (LIBMAN)
- SB#IM.Z.PSEUDO.CNTL.V0385325 (TAPE IMPBK1, FILE 111)

Program Documentation

	Document	User's Guide
Name:	IMP Programming Systems Overview for the Cosmic Ray and Solar Electron Experiments 10,11,28,32,52	IMP-6/7/8 (loose leaf note book)
Author:	P. Schuster	
Location:	room 261, Building 1	
Last Revised:		
Pages:		loose TAB N
Name:	IMP Documentation BOOK 2	
Author:		
Location:	room 261, Building 1	
Last Revised:		
Pages:		

Program Name: PHA SUMMARIZER 8 (FOR IMP-J)

Function: This program reads PHAS tapes to create PHA SUMMARY(MATR) tapes and LOW GAIN data(LOWG) tapes for the Cosmic Ray experiment on board the IMP-J spacecraft.

Datasets

Source Dataset(s)

- SB#IM.PHASUM8.SOURCE, SB#IM.PHASUM7.SOURCE
- SB#IM.IMP6DPS.SOURCE, SB#IM.UTILITY.SOURCE
- SB#IM.READCT.FORT, SB#IM.PSEUDO.CNTL

Library Dataset(s)

- FTIO package

Run Dataset(s)

JCL	CLIST
SB#IM.LIB.CNTL(PHASUM8)	NONE

Compile and Link Datasets

JCL	CLIST
existing load module made from SB#IM.OLDLIB.CNTL(PHASUM8) but source is about 95% confidence, see IMP Programming System Overview on page 105, and SB#IM.PSEUDO.CNTL(PHASUM8B) for pseudo FTIO build on load module.	NONE

Backup Verification

- SB#IM.PHASUM8.SOURCE (no HSM)
- SB#IM.Z.PHASUM8.SOURCE.V0284055 (LIBMAN)
- SB#IM.Z.PHASUM8.SOURCE.V0284055 (TAPE IMPBK3, FILE 49)

- SB#IM.PHASUM7.SOURCE (HSM: 87/11/05)
- SB#IM.Z.PHASUM7.SOURCE.V0183035 (LIBMAN)
- SB#IM.Z.PHASUM7.SOURCE.V0183035 (TAPE IMPBK1, FILE 235)
- SB#IM.IMP6DPS.SOURCE (no HSM)
- SB#IM.Z.IMP6DPS.SOURCE.V0183039 (LIBMAN)
- SB#IM.Z.IMP6DPS.SOURCE.V0183039 (TAPE IMPBK1, FILE 41)
- SB#IM.UTILITY.SOURCE (HSM: 88/01/15)
- SB#IM.Z.UTILITY.SOURCE.V0683322 (LIBMAN)
- SB#IM.Z.UTILITY.SOURCE.V0683322 (TAPE IMPBK1, FILE 340)
- SB#IM.READCT.FORT (HSM: 85/12/24)
- SB#IM.Z.READCT.FORT.V0286044 (LIBMAN)
- SB#IM.Z.READCT.FORT.V0286044 (TAPE IMPBK1, FILE 117)
- SB#IM.PSEUDO.CNTL (HSM: 88/04/26)
- SB#IM.Z.PSEUDO.CNTL.V0385325 (LIBMAN)
- SB#IM.Z.PSEUDO.CNTL.V0385325 (TAPE IMPBK1, FILE 111)

Program Documentation

	Document	User's Guide
Name:	IMP Programming Systems Overview for the Cosmic Ray and Solar Electron Experiments 10,11,28,32,52	IMP-6/7/8 (loose leaf note book)
Author:	P. Schuster	
Location:	room 261, Building 1	
Last Revised:		
Pages:		loose TAB W
Name:	IMP Documentation BOOK 2	
Author:		
Location:	room 261, Building 1	
Last Revised:		
Pages:		

Program Name: ANALIMP6 (for IMP-I)

Function: This program is to analyze PHA data from PHAS, MATR, or LOWG tapes. This Program produces A VS B OR D VS E plots of IMP-I PHA data, compute the distribution of particles about a centroidal curve, and prints histogram to reflect this distribution.

Datasets

Source Dataset(s)

- SB#IM.ANALIMP8.SOURCE, SB#IM.ANALIMP6.SOURCE
- SB#IM.INTFLUX.SOURCE, SB#IM.HGPLT6.SOURCE
- SB#IM.UTILITY.SOURCE

Library Dataset(s)

- FTIO package, SB#IM.OIMPILIB.LOAD(RAND)

Run Dataset(s)

JCL	CLIST
SB#IM.LIB.CNTL(ANALIMP6)	NONE

Compile and Link Datasets

JCL	CLIST
construct build from IMP Programming Systems Overview on page 67, source is not verified, current build from linkgo in SB#IM.OLDLIB.CNTL(ANALIMP6)	NONE

Backup Verification

- SB#IM.ANALIMP6.SOURCE (HSM: 87/08/14)
- SB#IM.Z.ANALIMP6.SOURCE.V0283138 (LIBMAN)
- SB#IM.Z.ANALIMP6.SOURCE.V0283138 (TAPE IMPBK1, FILE 150)
- SB#IM.ANALIMP8.SOURCE (HSM: 87/12/16)

- SB#IM.Z.ANALIMP8.SOURCE.V0284096 (LIBMAN)
- SB#IM.Z.ANALIMP8.SOURCE.V0284096 (TAPE IMPBK3, FILE 60)
- SB#IM.INTFLUX.SOURCE (HSM: 87/11/28)
- SB#IM.Z.INTFLUX.SOURCE.V0183035 (LIBMAN)
- SB#IM.Z.INTFLUX.SOURCE.V0183035 (TAPE IMPBK3, FILE 140)
- SB#IM.HGPLT6.SOURCE (HSM: 87/08/14)
- SB#IM.Z.HGPLT6.SOURCE.V0183039 (LIBMAN)
- SB#IM.Z.HGPLT6.SOURCE.V0183039 (TAPE IMPBK3, FILE 7)
- SB#IM.UTILITY.SOURCE (HSM: 88/01/15)
- SB#IM.Z.UTILITY.SOURCE.V0683322 (LIBMAN)
- SB#IM.Z.UTILITY.SOURCE.V0683322 (TAPE IMPBK1, FILE 340)

Program Documentation

	Document	User's Guide
Name:	IMP Programming Systems Overview for the Cosmic Ray and Solar Electron Experiments 10,11,28,32,52	IMP-6/7/8 (loose leaf note book)
Author:	P. Schuster	
Location:	room 261, Building 1	
Last Revised:		
Pages:		loose TAB G
Name:	IMP-6 Documentation BOOK 1	
Author:		
Location:	room 261, Building 1	
Last Revised:		
Pages:		

Program Name: ANALIMP7 (for IMP-H)

Function: This program is to analyze PHA data from PHAS, MATR, OR LOWG tapes. This Program produces A VS B OR D VS E plots of IMP-H PHA data, compute the distribution of particles about a centroidal curve, and prints histogram to reflect this distribution.

Datasets

Source Dataset(s)

- SB#IM.ANALIMP8.SOURCE, SB#IM.ANALIMP7.SOURCE
- SB#IM.ANALIMP6.SOURCE, SB#IM.INTFLUX.SOURCE
- SB#IM.HGPLT6.SOURCE, SB#IM.UTILITY.SOURCE
- SB#IM.READCT.FORT, SB#IM.PSEUDO.CNTL

Library Dataset(s)

- FTIO package, SB#IM.OIMPILIB.LOAD(RAND)

Run Dataset(s)

JCL	CLIST
SB#IM.LIB.CNTL(ANALIMP7)	NONE

Compile and Link Datasets

JCL	CLIST
construct build from IMP Programming Systems Overview on page 67, source is 95% confidence, current build from linkgo in SB#IM.OLDLIB.CNTL(ANALIMP7), then run SB#IM.PSEUDO.CNTL(ANALIM7B)	NONE

Backup Verification

- SB#IM.ANALIMP8.SOURCE (HSM: 87/12/16)
- SB#IM.Z.ANALIMP8.SOURCE.V0284096 (LIBMAN)

- SB#IM.Z.ANALIMP8.SOURCE.V0284096 (TAPE IMPBK3, FILE 60)
- SB#IM.ANALIMP7.SOURCE (HSM: 87/09/08)
- SB#IM.Z.ANALIMP7.SOURCE.V0288061 (LIBMAN)
- SB#IM.Z.ANALIMP7.SOURCE.V0288061 (TAPE IMPBK3, FILE 141)
- SB#IM.ANALIMP6.SOURCE (HSM: 87/08/14)
- SB#IM.Z.ANALIMP6.SOURCE.V0283138 (LIBMAN)
- SB#IM.Z.ANALIMP6.SOURCE.V0283138 (TAPE IMPBK1, FILE 150)
- SB#IM.INTFLUX.SOURCE (HSM: 87/11/28)
- SB#IM.Z.INTFLUX.SOURCE.V0183035 (LIBMAN)
- SB#IM.Z.INTFLUX.SOURCE.V0183035 (TAPE IMPBK3, FILE 140)
- SB#IM.HGPLT6.SOURCE (HSM: 87/08/14)
- SB#IM.Z.HGPLT6.SOURCE.V0183039 (LIBMAN)
- SB#IM.Z.HGPLT6.SOURCE.V0183039 (TAPE IMPBK3, FILE 7)
- SB#IM.UTILITY.SOURCE (HSM: 88/01/15)
- SB#IM.Z.UTILITY.SOURCE.V0683322 (LIBMAN)
- SB#IM.Z.UTILITY.SOURCE.V0683322 (TAPE IMPBK1, FILE 340)
- SB#IM.READCT.FORT (HSM: 85/12/24)
- SB#IM.Z.READCT.FORT.V0286044 (LIBMAN)
- SB#IM.Z.READCT.FORT.V0286044 (TAPE IMPBK1, FILE 117)
- SB#IM.PSEUDO.CNTL (HSM: 88/04/26)
- SB#IM.Z.PSEUDO.CNTL.V0385325 (LIBMAN)
- SB#IM.Z.PSEUDO.CNTL.V0385325 (TAPE IMPBK1, FILE 111)

Program Documentation

Document	User's Guide
Name:IMP Programming Systems Overview for the Cosmic Ray and Solar Electron Experiments 10,11,28,32,52	IMP-6/7/8 (loose leaf note book)
Author: P. Schuster	
Location: room 261, Building 1	
Last Revised:	
Pages:	loose TAB G
Name:IMP Documentation BOOK 2	
Author:	
Location: room 261, Building 1	
Last Revised:	
Pages:	

Program Name: ANALIMP8 (for IMP-J)

Function: This program is to analyze PHA data from PHAS, MATR, OR LOWG tapes. This program produces A VS B OR D VS E plots of IMP-J PHA data, compute the distribution of particles about a centroidal curve, and prints histogram to reflect this distribution.

Datasets

Source Dataset(s)

- SB#IM.ANALIMP8.SOURCE, SB#IM.ANALIMP7.SOURCE
- SB#IM.ANALIMP6.SOURCE, SB#IM.UTILITY.SOURCE
- SB#IM.READCT.FORT, SB#IM.PSEUDO.CNTL

Library Dataset(s)

- FTIO package, SB#IM.OIMPILIB.LOAD(RAND)

Run Dataset(s)

JCL	CLIST
SB#IM.LIB.CNTL(ANALIMP8)	NONE

Compile and Link Datasets

JCL	CLIST
current build from SB#IM.ANALIMP8.SOURCE($BUILD) then run SB#IM.PSEUDO.CNTL(ANALIM8B)	NONE

Backup Verification

- SB#IM.ANALIMP8.SOURCE (HSM: 87/12/16)
- SB#IM.Z.ANALIMP8.SOURCE.V0284096 (LIBMAN)
- SB#IM.Z.ANALIMP8.SOURCE.V0284096 (TAPE IMPBK3, FILE 60)
- SB#IM.ANALIMP7.SOURCE (HSM: 87/09/08)
- SB#IM.Z.ANALIMP7.SOURCE.V0288061 (LIBMAN)

- SB#IM.Z.ANALIMP7.SOURCE.V0288061 (TAPE IMPBK3, FILE 141)
- SB#IM.ANALIMP6.SOURCE (HSM: 87/08/14)
- SB#IM.Z.ANALIMP6.SOURCE.V0283138 (LIBMAN)
- SB#IM.Z.ANALIMP6.SOURCE.V0283138 (TAPE IMPBK1, FILE 150)
- SB#IM.UTILITY.SOURCE (HSM: 88/01/15)
- SB#IM.Z.UTILITY.SOURCE.V0683322 (LIBMAN)
- SB#IM.Z.UTILITY.SOURCE.V0683322 (TAPE IMPBK1, FILE 340)
- SB#IM.READCT.FORT (HSM: 85/12/24)
- SB#IM.Z.READCT.FORT.V0286044 (LIBMAN)
- SB#IM.Z.READCT.FORT.V0286044 (TAPE IMPBK1, FILE 117)
- SB#IM.PSEUDO.CNTL (HSM: 88/04/26)
- SB#IM.Z.PSEUDO.CNTL.V0385325 (LIBMAN)
- SB#IM.Z.PSEUDO.CNTL.V0385325 (TAPE IMPBK1, FILE 111)

Program Documentation

	Document	User's Guide
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Name:	IMP Programming Systems Overview for the Cosmic Ray and Solar Electron Experiments 10,11,28,32,52	IMP-6/7/8 (loose leaf note book)
Author:	P. Schuster	
Location:	room 261, Building 1	
Last Revised:		
Pages:		loose TAB J'
Name:	IMP Documentation BOOK 2	
Author:		
Location:	room 261, Building 1	
Last Revised:		
Pages:		

Program Name: ANLIMP7F (for IMP-H)

Function: This program is to analyze PHA data from PHAS, MATR, OR LOWG tapes. This Program produces A VS B OR D VS E plots of IMP-H PHA data, compute the distribution of particles about a centroidal curve, and prints histogram to reflect this distribution. The finegain factor will be applied in the program.

Datasets

Source Dataset(s)

- SB#IM.ANLIMP8F.SOURCE, SB#IM.ANLIMP7F.SOURCE
- SB#IM.ANALIMP6.SOURCE, SB#IM.INTFLUX.SOURCE
- SB#IM.HGPLT6.SOURCE, SB#IM.UTILITY.SOURCE
- SB#IM.READCT.FORT, SB#IM.PSEUDO.CNTL
- SB#IM.FINEGAIN.CNTL

Library Dataset(s)

- FTIO package, SB#IM.OIMPILIB.LOAD(RAND)

Run Dataset(s)

JCL	CLIST
SB#IM.LIB.CNTL(ANLIMP7F)	NONE

Compile and Link Datasets

JCL	CLIST
current build from linkgo in SB#IM.ANLIMP7F.SOURCE($JCLF), then run SB#IM.PSEUDO.CNTL(ANLIM7FB)	

Backup Verification

- SB#IM.ANLIMP7F.SOURCE (HSM: 87/09/08)
- SB#IM.Z.ANLIMP7F.SOURCE.V0288061 (LIBMAN)

- SB#IM.Z.ANLIMP7F.SOURCE.V0288061 (TAPE IMPBK3, FILE 142)
- SB#IM.ANLIMP8F.SOURCE (HSM: 87/08/14)
- SB#IM.Z.ANLIMP8F.SOURCE.V0284178 (LIBMAN)
- SB#IM.Z.ANLIMP8F.SOURCE.V0284178 (TAPE IMPBK3, FILE 89)
- SB#IM.ANALIMP6.SOURCE (HSM: 87/08/14)
- SB#IM.Z.ANALIMP6.SOURCE.V0283138 (LIBMAN)
- SB#IM.Z.ANALIMP6.SOURCE.V0283138 (TAPE IMPBK1, FILE 150)
- SB#IM.INTFLUX.SOURCE (HSM: 87/11/28)
- SB#IM.Z.INTFLUX.SOURCE.V0183035 (LIBMAN)
- SB#IM.Z.INTFLUX.SOURCE.V0183035 (TAPE IMPBK3, FILE 140)
- SB#IM.HGPLT6.SOURCE (HSM: 87/08/14)
- SB#IM.Z.HGPLT6.SOURCE.V0183039 (LIBMAN)
- SB#IM.Z.HGPLT6.SOURCE.V0183039 (TAPE IMPBK3, FILE 7)
- SB#IM.UTILITY.SOURCE (HSM: 88/01/15)
- SB#IM.Z.UTILITY.SOURCE.V0683322 (LIBMAN)
- SB#IM.Z.UTILITY.SOURCE.V0683322 (TAPE IMPBK1, FILE 340)
- SB#IM.READCT.FORT (HSM: 85/12/24)
- SB#IM.Z.READCT.FORT.V0286044 (LIBMAN)
- SB#IM.Z.READCT.FORT.V0286044 (TAPE IMPBK1, FILE 117)
- SB#IM.PSEUDO.CNTL (HSM: 88/04/26)
- SB#IM.Z.PSEUDO.CNTL.V0385325 (LIBMAN)
- SB#IM.Z.PSEUDO.CNTL.V0385325 (TAPE IMPBK1, FILE 111)
- SB#IM.FINEGAIN.CNTL (HSM: 88/04/29)
- SB#IM.Z.FINEGAIN.CNTL.V0287223 (LIBMAN)
- SB#IM.Z.FINEGAIN.CNTL.V0287223 (TAPE IMPBK3, FILE 127)

Program Documentation

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                Document                          User's Guide
                --------                          ------------
Name:IMP Programming Systems Overview for the
     Cosmic Ray and Solar Electron Experiments
     10,11,28,32,52
Author: P. Schuster
Location: room 261, Building 1
Last Revised:
Pages:
```

Program Name: ANLIMP8F (for IMP-J)

Function: This program is to analyze PHA data from PHAS, MATR, OR LOWG tapes. This program produces A VS B OR D VS E plots of IMP-J PHA data, compute the distribution of particles about a centroidal curve, and prints histogram to reflect this distribution. The finegain factor will be applied in the program.

Datasets

Source Dataset(s)

- SB#IM.ANLIMP8F.SOURCE, SB#IM.ANLIMP7F.SOURCE
- SB#IM.ANALIMP6.SOURCE, SB#IM.UTILITY.SOURCE
- SB#IM.READCT.FORT, SB#IM.PSEUDO.CNTL
- SB#IM.FINEGAIN.CNTL

Library Dataset(s)

- FTIO package, SB#IM.OIMPILIB.LOAD(RAND)

Run Dataset(s)

JCL	CLIST
SB#IM.LIB.CNTL(ANLIMP8F)	NONE

Compile and Link Datasets

JCL	CLIST
current build from SB#IM ANLIMP8F.SOURCE($BUILD) then run SB#IM.PSEUDO.CNTL(ANLIM8FB)	NONE

Backup Verification

- SB#IM.ANLIMP8F.SOURCE (HSM: 87/08/14)
- SB#IM.Z.ANLIMP8F.SOURCE.V0284178 (LIBMAN)
- SB#IM.Z.ANLIMP8F.SOURCE.V0284178 (TAPE IMPBK3, FILE 89)
- SB#IM.ANLIMP7F.SOURCE (HSM: 87/09/08)

- SB#IM.Z.ANLIMP7F.SOURCE.V0288061 (LIBMAN)
- SB#IM.Z.ANLIMP7F.SOURCE.V0288061 (TAPE IMPBK3, FILE 142)
- SB#IM.ANALIMP6.SOURCE (HSM: 87/08/14)
- SB#IM.Z.ANALIMP6.SOURCE.V0283138 (LIBMAN)
- SB#IM.Z.ANALIMP6.SOURCE.V0283138 (TAPE IMPBK1, FILE 150)
- SB#IM.UTILITY.SOURCE (HSM: 88/01/15)
- SB#IM.Z.UTILITY.SOURCE.V0683322 (LIBMAN)
- SB#IM.Z.UTILITY.SOURCE.V0683322 (TAPE IMPBK1, FILE 340)
- SB#IM.READCT.FORT (HSM: 85/12/24)
- SB#IM.Z.READCT.FORT.V0286044 (LIBMAN)
- SB#IM.Z.READCT.FORT.V0286044 (TAPE IMPBK1, FILE 117)
- SB#IM.PSEUDO.CNTL (HSM: 88/04/26)
- SB#IM.Z.PSEUDO.CNTL.V0385325 (LIBMAN)
- SB#IM.Z.PSEUDO.CNTL.V0385325 (TAPE IMPBK1, FILE 111)
- SB#IM.FINEGAIN.CNTL (HSM: 88/04/29)
- SB#IM.Z.FINEGAIN.CNTL.V0287223 (LIBMAN)
- SB#IM.Z.FINEGAIN.CNTL.V0287223 (TAPE IMPBK3, FILE 127)

Program Documentation

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                Document                          User's Guide
                --------                          ------------
Name:IMP Programming Systems Overview for the
     Cosmic Ray and Solar Electron Experiments
     10,11,28,32,52
Author: P. Schuster
Location: room 261, Building 1
Last Revised:
Pages:
```

Program Name: HGPLT6 (for IMP-I)

Function: This program is to analyze PHA and COUNT data from MATR tapes. The HGPLT6 Program produces plots, statistics and histograms.

Datasets

Source Dataset(s)

- SB#IM.HGPLT6.SOURCE, SB#IM.HGPLT8.SOURCE
- SB#IM.ANALIMP8.SOURCE, SB#IM.UTILITY.SOURCE

Library Dataset(s)

- FTIO package, SB#IM.OIMPILIB.LOAD(RAND)

Run Dataset(s)

JCL	CLIST
SB#IM.LIB.CNTL(HGP6JCL)	NONE

Compile and Link Datasets

JCL	CLIST
construct build from IMP Programming Systems Overview on page 94, source is not verified, current build from linkgo in SB#IM.OLDLIB.CNTL(HGP6JCL)	NONE

Backup Verification

- SB#IM.HGPLT6.SOURCE (HSM: 87/08/14)
- SB#IM.Z.HGPLT6.SOURCE.V0183039 (LIBMAN)
- SB#IM.Z.HGPLT6.SOURCE.V0183039 (TAPE IMPBK3, FILE 7)
- SB#IM.HGPLT8.SOURCE (HSM: 87/12/16)
- SB#IM.Z.HGPLT8.SOURCE.V0384054 (LIBMAN)

- SB#IM.Z.HGPLT8.SOURCE.V0384054 (TAPE IMPBK3, FILE 47)
- SB#IM.ANALIMP8.SOURCE (HSM: 87/12/16)
- SB#IM.Z.ANALIMP8.SOURCE.V0284096 (LIBMAN)
- SB#IM.Z.ANALIMP8.SOURCE.V0284096 (TAPE IMPBK3, FILE 60)
- SB#IM.UTILITY.SOURCE (HSM: 88/01/15)
- SB#IM.Z.UTILITY.SOURCE.V0683322 (LIBMAN)
- SB#IM.Z.UTILITY.SOURCE.V0683322 (TAPE IMPBK1, FILE 340)

Program Documentation

	Document	User's Guide
Name:	IMP Programming Systems Overview for the Cosmic Ray and Solar Electron Experiments 10,11,28,32,52	IMP-6/7/8 (loose leaf note book)
Author:	P. Schuster	
Location:	room 261, Building 1	
Last Revised:		
Pages:		loose TAB D
Name:	IMP-6 Documentation BOOK 1	
Author:		
Location:	room 261, Building 1	
Last Revised:		
Pages:		

Program Name: HGPLT7 (for IMP-H)

Function: This program is to analyze PHA and COUNT data from MATR tapes. This program produces plots, statistics and histograms.

Datasets

Source Dataset(s)

- SB#IM.HGPLT7.SOURCE, SB#IM.HGPLT6.SOURCE
- SB#IM.HGPLT8.SOURCE, SB#IM.ANALIMP8.SOURCE
- SB#IM.UTILITY.SOURCE

Library Dataset(s)

- FTIO package, SB#IM.OIMPILIB.LOAD(RAND)

Run Dataset(s)

JCL	CLIST
SB#IM.LIB.CNTL(HGP7JCL)	NONE

Compile and Link Datasets

JCL	CLIST
construct build from IMP Programming Systems Overview on page 94, source is not verified, current build from linkgo in SB#IM.OLDLIB.CNTL(HGP7JCL).	NONE

Backup Verification

- SB#IM.HGPLT7.SOURCE (no HSM)
- SB#IM.Z.HGPLT7.SOURCE.V0183039 (LIBMAN)
- SB#IM.Z.HGPLT7.SOURCE.V0183039 (TAPE IMPBK1, FILE 61)
- SB#IM.HGPLT6.SOURCE (HSM: 87/08/14)

- SB#IM.Z.HGPLT6.SOURCE.V0183039 (LIBMAN)
- SB#IM.Z.HGPLT6.SOURCE.V0183039 (TAPE IMPBK3, FILE 7)
- SB#IM.HGPLT8.SOURCE (HSM: 87/12/16)
- SB#IM.Z.HGPLT8.SOURCE.V0384054 (LIBMAN)
- SB#IM.Z.HGPLT8.SOURCE.V0384054 (TAPE IMPBK3, FILE 47)
- SB#IM.ANALIMP8.SOURCE (HSM: 87/12/16)
- SB#IM.Z.ANALIMP8.SOURCE.V0284096 (LIBMAN)
- SB#IM.Z.ANALIMP8.SOURCE.V0284096 (TAPE IMPBK3, FILE 60)
- SB#IM.UTILITY.SOURCE (HSM: 88/01/15)
- SB#IM.Z.UTILITY.SOURCE.V0683322 (LIBMAN)
- SB#IM.Z.UTILITY.SOURCE.V0683322 (TAPE IMPBK1, FILE 340)

Program Documentation

	Document	User's Guide
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Name:	IMP Programming Systems Overview for the Cosmic Ray and Solar Electron Experiments 10,11,28,32,52	IMP-6/7/8 (loose leaf note book)
Author:	P. Schuster	
Location:	room 261, Building 1	
Last Revised:		
Pages:		loose TAB O

Program Name: HGPLT8 (for IMP-J)

Function: This program is to analyze PHA and COUNT data from MATR tapes. This program produces plots, statistics and histograms.

Datasets

Source Dataset(s)

- SB#IM.HGPLT8.SOURCE, SB#IM.ANALIMP8.SOURCE
- SB#IM.HGPLT6.SOURCE, SB#IM.UTILITY.SOURCE

Library Dataset(s)

- FTIO package, SB#IM.OIMPILIB.LOAD(RAND)

Run Dataset(s)

JCL	CLIST
SB#IM.LIB.CNTL(HGP8JCL)	NONE

Compile and Link Datasets

JCL	CLIST
SB#IM.HGPLT8.SOURCE($BUILD$)	NONE

Backup Verification

- SB#IM.HGPLT8.SOURCE (HSM: 87/12/16)
- SB#IM.Z.HGPLT8.SOURCE.V0384054 (LIBMAN)
- SB#IM.Z.HGPLT8.SOURCE.V0384054 (TAPE IMPBK3, FILE 47)
- SB#IM.ANALIMP8.SOURCE (HSM: 87/12/16)
- SB#IM.Z.ANALIMP8.SOURCE.V0284096 (LIBMAN)
- SB#IM.Z.ANALIMP8.SOURCE.V0284096 (TAPE IMPBK3, FILE 60)
- SB#IM.HGPLT6.SOURCE (HSM: 87/08/14)

- SB#IM.Z.HGPLT6.SOURCE.V0183039 (LIBMAN)
- SB#IM.Z.HGPLT6.SOURCE.V0183039 (TAPE IMPBK3, FILE 7)
- SB#IM.UTILITY.SOURCE (HSM: 88/01/15)
- SB#IM.Z.UTILITY.SOURCE.V0683322 (LIBMAN)
- SB#IM.Z.UTILITY.SOURCE.V0683322 (TAPE IMPBK1, FILE 340)

Program Documentation

```
                Document                          User's Guide
                --------                          ------------
Name:IMP Programming Systems Overview for the     IMP-6/7/8
     Cosmic Ray and Solar Electron Experiments    (loose leaf
     10,11,28,32,52                                note book)
Author: P. Schuster
Location: room 261, Building 1
Last Revised:
Pages:                                            loose TAB XYZ
```

Program Name: LGPLT6 (for IMP-I)

Function: The program analyzes low gain data transmitted from IMP-I spacecraft. The program provides matrix plots by orbit, by specific time periods or by intervals of time with designated lengths for different event types. Also the histograms and statistics are printed.

Datasets

Source Dataset(s)

- SB#IM.LGPLT6.SOURCE, SB#IM.ANALIMP8.SOURCE
- SB#IM.HGPLT6.SOURCE, SB#IM.IMP6PDS.SOURCE
- SB#IM.UTILITY.SOURCE

Library Dataset(s)

- FTIO package

Run Dataset(s)

JCL	CLIST
SB#IM.LIB.CNTL(LGP6JCL)	NONE

Compile and Link Datasets

JCL	CLIST
construct build from IMP Programming Systems Overview on page 102 , source not verified, current build from linkgo in SB#IM.OLDLIB.CNTL(LGP6JCL)	NONE

Backup Verification

- SB#IM.LGPLT6.SOURCE (no HSM)
- SB#IM.Z.LGPLT6.SOURCE.V0183039 (LIBMAN)
- SB#IM.Z.LGPLT6.SOURCE.V0183039 (TAPE IMPBK1, FILE 59)
- SB#IM.ANALIMP8.SOURCE (HSM: 87/12/16)

- SB#IM.Z.ANALIMP8.SOURCE.V0284096 (LIBMAN)
- SB#IM.Z.ANALIMP8.SOURCE.V0284096 (TAPE IMPBK3, FILE 60)
- SB#IM.HGPLT6.SOURCE (HSM: 87/12/16)
- SB#IM.Z.HGPLT6.SOURCE.V0183039 (LIBMAN)
- SB#IM.Z.HGPLT6.SOURCE.V0183039 (TAPE IMPBK3, FILE 7)
- SB#IM.IMP6DPS.SOURCE (HSM: 84/05/11)
- SB#IM.Z.IMP6DPS.SOURCE.V0183039 (LIBMAN)
- SB#IM.Z.IMP6DPS.SOURCE.V0183039 (TAPE IMPBK1, FILE 41)
- SB#IM.UTILITY.SOURCE (HSM: 88/01/15)
- SB#IM.Z.UTILITY.SOURCE.V0683322 (LIBMAN)
- SB#IM.Z.UTILITY.SOURCE.V0683322 (TAPE IMPBK1, FILE 340)

Program Documentation

	Document	User's Guide
Name:	IMP Programming Systems Overview for the Cosmic Ray and Solar Electron Experiments 10,11,28,32,52	IMP-6/7/8 (loose leaf note book)
Author:	P. Schuster	
Location:	room 261, Building 1	
Last Revised:		
Pages:		loose TAB E
Name:	IMP-6 Documentation BOOK 1	
Author:		
Location:	room 261, Building 1	
Last Revised:		
Pages:		

Program Name: LGPLT7 (for IMP-H)

Function: The program analyzes low gain data transmitted from IMP-H spacecraft. The program provides matrix plots by orbit, by specific time periods or by intervals of time with designated lengths for different event types. Also the histograms and statistics are printed.

Datasets

Source Dataset(s)

- SB#IM.LGPLT7.SOURCE, SB#IM.ANALIMP8.SOURCE
- SB#IM.LGPLT6.SOURCE, SB#IM.IMP6DPS.SOURCE
- SB#IM.HGPLT6.SOURCE, SB#IM.UTILITY.SOURCE

Library Dataset(s)

- FTIO package

Run Dataset(s)

JCL	CLIST
SB#IM.LIB.CNTL(LGP7JCL)	NONE

Compile and Link Datasets

JCL	CLIST
construct build from IMP Programming Systems Overview on page 102 , source not verified, current build from linkgo in SB#IM.OLDLIB.CNTL(LGP7JCL).	NONE

Backup Verification

- SB#IM.LGPLT7.SOURCE (no HSM)
- SB#IM.Z.LGPLT7.SOURCE.V0284110 (LIBMAN)
- SB#IM.Z.LGPLT7.SOURCE.V0284110 (TAPE IMPBK3, FILE 71)
- SB#IM.LGPLT6.SOURCE (no HSM)

- SB#IM.Z.LGPLT6.SOURCE.V0183039 (LIBMAN)
- SB#IM.Z.LGPLT6.SOURCE.V0183039 (TAPE IMPBK1, FILE 59)
- SB#IM.ANALIMP8.SOURCE (HSM: 87/12/16)
- SB#IM.Z.ANALIMP8.SOURCE.V0284096 (LIBMAN)
- SB#IM.Z.ANALIMP8.SOURCE.V0284096 (TAPE IMPBK3, FILE 60)
- SB#IM.IMP6DPS.SOURCE (HSM: 84/05/11)
- SB#IM.Z.IMP6DPS.SOURCE.V0183039 (LIBMAN)
- SB#IM.Z.IMP6DPS.SOURCE.V0183039 (TAPE IMPBK1, FILE 41)
- SB#IM.HGPLT6.SOURCE (HSM: 87/08/14)
- SB#IM.Z.HGPLT6.SOURCE.V0183039 (LIBMAN)
- SB#IM.Z.HGPLT6.SOURCE.V0183039 (TAPE IMPBK3, FILE 7)
- SB#IM.UTILITY.SOURCE (HSM: 88/01/15)
- SB#IM.Z.UTILITY.SOURCE.V0683322 (LIBMAN)
- SB#IM.Z.UTILITY.SOURCE.V0683322 (TAPE IMPBK1, FILE 340)

Program Documentation

	Document	User's Guide
	---	---
Name:	IMP Programming Systems Overview for the Cosmic Ray and Solar Electron Experiments 10,11,28,32,52	IMP-6/7/8 (loose leaf note book)
Author:	P. Schuster	
Location:	room 261, Building 1	
Last Revised:		
Pages:		loose TAB E

Program Name: LGPLT8 (for IMP-J)

Function: The program analyzes low gain data transmitted from IMP-J spacecraft. The program provides matrix plots by orbit, by specific time periods or by intervals of time with designated lengths for different event types. Also the histograms and statistics are printed.

Datasets

Source Dataset(s)

- SB#IM.LGPLT8.SOURCE, SB#IM.ANALIMP8.SOURCE
- SB#IM.HGPLT8.SOURCE, SB#IM.HGPLT6.SOURCE
- SB#IM.IMP6DPS.SOURCE, SB#IM.UTILITY.SOURCE

Library Dataset(s)

- FTIO package

Run Dataset(s)

JCL	CLIST
SB#IM.LIB.CNTL(LGP8JCL)	NONE

Compile and Link Datasets

JCL	CLIST
construct build from IMP Programming Systems Overview on page 102 , source not verified, current build from linkgo in SB#IM.OLDLIB.CNTL(LGP8JCL)	NONE

Backup Verification

- SB#IM.LGPLT8.SOURCE (HSM: 88/02/05)
- SB#IM.Z.LGPLT8.SOURCE.V0284104 (LIBMAN)
- SB#IM.Z.LGPLT8.SOURCE.V0284104 (TAPE IMPBK3, FILE 65)
- SB#IM.ANALIMP8.SOURCE (HSM: 87/12/16)

- SB#IM.Z.ANALIMP8.SOURCE.V0284096 (LIBMAN)
- SB#IM.Z.ANALIMP8.SOURCE.V0284096 (TAPE IMPBK3, FILE 60)
- SB#IM.HGPLT8.SOURCE (HSM: 87/12/16)
- SB#IM.Z.HGPLT8.SOURCE.V0384054 (LIBMAN)
- SB#IM.Z.HGPLT8.SOURCE.V0384054 (TAPE IMPBK3, FILE 47)
- SB#IM.HGPLT6.SOURCE (HSM: 87/08/14)
- SB#IM.Z.HGPLT6.SOURCE.V0183039 (LIBMAN)
- SB#IM.Z.HGPLT6.SOURCE.V0183039 (TAPE IMPBK3, FILE 7)
- SB#IM.IMP6DPS.SOURCE (HSM: 84/05/11)
- SB#IM.Z.IMP6DPS.SOURCE.V0183039 (LIBMAN)
- SB#IM.Z.IMP6DPS.SOURCE.V0183039 (TAPE IMPBK1, FILE 41)
- SB#IM.UTILITY.SOURCE (HSM: 88/01/15)
- SB#IM.Z.UTILITY.SOURCE.V0683322 (LIBMAN)
- SB#IM.Z.UTILITY.SOURCE.V0683322 (TAPE IMPBK1, FILE 340)

Program Documentation

	Document	User's Guide
Name:	IMP Programming Systems Overview for the Cosmic Ray and Solar Electron Experiments 10,11,28,32,52	IMP-6/7/8 (loose leaf note book)
Author:	P. Schuster	
Location:	room 261, Building 1	
Last Revised:		
Pages:		loose TAB A'

Program Name: DBTIME

Function: The program is to validate the IMP PHAS, CNTS, and ENCY data bases and provide a history of time consistency, missing data (data gaps) and any overlap data encountered during the data scan.

Datasets

Source Dataset(s)

- SB#IM.DBTIME.SOURCE

Library Dataset(s)

- FTIO package

Run Dataset(s)

JCL	CLIST
NONE	SB#IM.DBTIME.CLIST(SUBMIT)

Compile and Link Datasets

JCL	CLIST
SB#IM.DBTIME.SOURCE($BUILD)	NONE

Backup Verification

- SB#IM.DBTIME.SOURCE (HSM: 88/05/18)
- SB#IM.Z.DBTIME.SOURCE.V0386283 (LIBMAN)
- SB#IM.Z.DBTIME.SOURCE.V0386283 (TAPE IMPBK3, FILE 122)

Program Documentation

Document

User's Guide

Name: IMP DATA BASE TIME STUDY PROGRAM
Author: B.S.REDDY
Location: room 261, Building 1
Last Revised: 7/1/85
Pages:

Program Name: RATEPLOT (for all IMP)

Function: This program produces microfilm plotter tapes, PC rate file tape, and rate reprots of rates data from IMP 6/7/8 Cosmic Ray Experiments. The input to the program can be either CNTS or SMCT tapes. The averaging interval for the data can be specified from every readout up to 12-hour averages. The optin is also provided for generating the sums, difference, or ratios of pairs of rates.

Datasets

Source Dataset(s)

- SB#IM.IMPLOT2.SOURCE, SB#IM.READCT.FORT
- SB#IM.PSEUDO.CNTL

Library Dataset(s)

- FTIO package, SC4060 plot package

Run Dataset(s)

JCL	CLIST
SB#IM.LIB.CNTL(RATEPLT8) SB#IM.LIB.CNTL(RATEPLT7) SB#IM.LIB.CNTL(RATEPLT6)	NONE

Compile and Link Datasets

JCL	CLIST
construct build from linkgo from SB#IM.IMPLOT2.SOURCE($EXEC$), then run SB#IM.PSEUDO.CNTL(RATEPLTB)	NONE

Backup Verification

- SB#IM.IMPLOT2.SOURCE (HSM: 88/01/05)
- SB#IM.Z.IMPLOT2.SOURCE.V0286044 (LIBMAN)
- SB#IM.Z.IMPLOT2.SOURCE.V0286044 (TAPE IMPBK3, FILE 114)
- SB#IM.READCT.FORT (HSM: 85/12/24)

- SB#IM.Z.READCT.FORT.V0286044 (LIBMAN)
- SB#IM.Z.READCT.FORT.V0286044 (TAPE IMPBK1, FILE 117)
- SB#IM.PSEUDO.CNTL (HSM: 88/04/26)
- SB#IM.Z.PSEUDO.CNTL.V0385325 (LIBMAN)
- SB#IM.Z.PSEUDO.CNTL.V0385325 (TAPE IMPBK1, FILE 111)

Program Documentation

Document	User's Guide
Name:IMP Programming Systems Overview for the Cosmic Ray and Solar Electron Experiments 10,11,28,32,52	IMP-6/7/8 (loose leaf note book)
Author: P. Schuster	
Location: room 261, Building 1	
Last Revised:	
Pages:	loose TAB I
Name:IMP-6 Documentation BOOK 1	
Author:	
Location: room 261, Building 1	
Last Revised:	
Pages:	

Program Name: VLET PHA PLOT (for IMP-J)

Function: This program produces two-detector matrices (DI vs. DII, DI vs. E, and DII vs. E), one detector histograms, and rate information from VLET tapes.

Datasets

Source Dataset(s)

- SB#IM.I8VLTPLT.SOURCE, SB#IM.UTILITY.SOURCE
- pioneer plot program PIPLOT
- pioneer programs data reduction subroutines
- (CNVMJD, CONTIM, QBIT, SKIP)

Library Dataset(s)

- FTIO package

Run Dataset(s)

JCL	CLIST
SB#IM.LIB.CNTL(VLT8PLT)	NONE

Compile and Link Datasets

JCL	CLIST
construct build from IMP Programming Systems Overview on page 116, source not verified, current build from linkgo in SB#IM.OLDLIB.CNTL(VLT8PLT)	NONE

Backup Verification

- SB#IM.I8VLTPLT.SOURCE (no HSM)
- SB#IM.Z.I8VLTPLT.SOURCE.V0183035 (LIBMAN)
- SB#IM.Z.I8VLTPLT.SOURCE.V0183035 (TAPE IMPBK1, FILE 92)

- SB#IM.UTILITY.SOURCE (HSM: 88/01/15)
- SB#IM.Z.UTILITY.SOURCE.V0683322 (LIBMAN)
- SB#IM.Z.UTILITY.SOURCE.V0683322 (TAPE IMPBK1, FILE 340)

Program Documentation

Document	User's Guide
Name: IMP Programming Systems Overview for the Cosmic Ray and Solar Electron Experiments 10,11,28,32,52	IMP-6/7/8 (loose leaf note book)
Author: P. Schuster	
Location: room 261, Building 1	
Last Revised:	
Pages:	loose TAB C'

Program Name: PFLUX (for IMP-J)

Function: This program reads PHAS tapes to print and/or plot proton data for the two IMP-J DEFG proton boxes 20-40Mev and 40-80Mev. This program is used to produce tapes sent to NSSDC.

Datasets

Source Dataset(s)

- SB#IM.I8PFLUX.SOURCE, SB#IM.EFLUX78.SOURCE
- SB#IM.IMP6DPS.SOURCE, SB#IM.UTILITY.SOURCE

Library Dataset(s)

- FTIO package

Run Dataset(s)

JCL	CLIST
SB#IM.LIB.CNTL(I8PROFLX)	NONE

Compile and Link Datasets

JCL	CLIST
construct build from IMP Programming Systems Overview on page 100, source not verified.	NONE

Backup Verification

- SB#IM.I8PFLUX.SOURCE (no HSM)
- SB#IM.Z.I8PFLUX.SOURCE.V0384096 (LIBMAN)
- SB#IM.Z.I8PFLUX.SOURCE.V0384096 (TAPE IMPBK3, FILE 58)
- SB#IM.EFLUX78.SOURCE (no HSM)
- SB#IM.IMP6DPS.SOURCE (HSM: 84/05/11)
- SB#IM.Z.IMP6DPS.SOURCE.V0183039 (LIBMAN)
- SB#IM.Z.IMP6DPS.SOURCE.V0183039 (TAPE IMPBK1, FILE 41)

- SB#IM.UTILITY.SOURCE (HSM: 88/01/15)
- SB#IM.Z.UTILITY.SOURCE.V0683322 (LIBMAN)
- SB#IM.Z.UTILITY.SOURCE.V0683322 (TAPE IMPBK1, FILE 340)

Program Documentation

	Document	User's Guide
Name:	IMP Programming Systems Overview for the Cosmic Ray and Solar Electron Experiments 10,11,28,32,52	IMP-6/7/8 (loose leaf note book)
Author:	P. Schuster	
Location:	room 261, Building 1	
Last Revised:		
Pages:		loose TAB N'

Program Name: DECOM TAPE LIST (for IMP-H/J)

Function: This program produces a formatted listing of file headers and (optionally) spacecraft clock readouts or all data for the Cosmic Ray Experiment.

Datasets

Source Dataset(s)

- SB#IM.LST32.SOURCE

Library Dataset(s)

- not sure

Run Dataset(s)

JCL	CLIST
SB#IM.LIB.CNTL($DECOML)	NONE

Compile and Link Datasets

JCL	CLIST
current build from linkgo in IMP-6/7/8 User's Guide on page loose TAB R	NONE

Backup Verification

- SB#IM.LST32.SOURCE (no HSM)
- SB#IM.Z.LST32.SOURCE.V0183039 (LIBMAN)
- SB#IM.Z.LST32.SOURCE.V0183039 (TAPE IMPBK1, FILE 14)

Program Documentation

	Document	User's Guide
	---	---
Name:	IMP Programming Systems Overview for the Cosmic Ray and Solar Electron Experiments 10,11,28,32,52	IMP-6/7/8 (loose leaf note book)
Author:	P. Schuster	
Location:	room 261, Building 1	
Last Revised:		
Pages:		loose TAB R

Program Name: FLUXPLOT (for all IMP)

Function: This program is capable of plotting and listing time histories fluxes as well as energy spectra, for flux data from any combination of the 3 IMP satellites.

Datasets

Source Dataset(s)

- SB#IM.FLXPLOT.SOURCE, SB#IM.IMPLOT2.SOURCE,
- SB#IM.UTILITY.SOURCE

Library Dataset(s)

- FTIO package, N.LAL 4060 plot package

Run Dataset(s)

JCL	CLIST
SB#IM.LIB.CNTL(FLUXPLT6) SB#IM.LIB.CNTL(FLUXPLT7) SB#IM.LIB.CNTL(FLUXPLT8)	NONE

Compile and Link Datasets

JCL	CLIST
construct build from IMP Programming Systems Overview on page 90, source is 100% confidence, current build from linkgo in SB#IM.OLDLIB.CNTL(FLUXPLT6) and members FLUXPLT7, FLUXPLT8.	NONE

Backup Verification

- SB#IM.FLXPLOT.SOURCE (HSM: 87/08/28)
- SB#IM.Z.FLXPLOT.SOURCE.V0283035 (LIBMAN)
- SB#IM.Z.FLXPLOT.SOURCE.V0283035 (TAPE IMPBK1, FILE 231)
- SB#IM.IMPLOT2.SOURCE (HSM: 88/01/05)

- SB#IM.Z.IMPLOT2.SOURCE.V0286044 (LIBMAN)
- SB#IM.Z.IMPLOT2.SOURCE.V0286044) (TAPE IMPBK3, FILE 114)
- SB#IM.UTILITY.SOURCE (HSM: 88/01/15)
- SB#IM.Z.UTILITY.SOURCE.V0683322 (LIBMAN)
- SB#IM.Z.UTILITY.SOURCE.V0683322 (TAPE IMPBK1, FILE 340)

Program Documentation

	Document	User's Guide
Name:	IMP Programming Systems Overview for the Cosmic Ray and Solar Electron Experiments 10,11,28,32,52	IMP-6/7/8 (loose leaf note book)
Author:	P. Schuster	
Location:	room 261, Building 1	
Last Revised:		
Pages:		loose TAB L

Program Name: FLEXPLOT (for IMP-H/J)

Function: This program is capable of plotting and listing time histories fluxes as well as energy spectra, for flux data from any combination of the 2 IMP satellites.

Datasets

Source Dataset(s)

- SB#IM.FLXPLOT.NEWSOURC, SB#IM.IMPLOT2.SOURCE,
- SB#IM.UTILITY.SOURCE

Library Dataset(s)

- FTIO package, N.LAL 4060 plot package

Run Dataset(s)

JCL	CLIST
SB#IM.LIB.CNTL(FLEXPLT7)	NONE
SB#IM.LIB.CNTL(FLEXPLT8)	

Compile and Link Datasets

JCL	CLIST
current build from linkgo in SB#IM.FLXPLOT.NEWSOURC(JCL7) and members JCL8	

Backup Verification

- SB#IM.FLXPLOT.NEWSOURC (HSM: 87/08/28)
- SB#IM.IMPLOT2.SOURCE (HSM: 88/01/05)
- SB#IM.Z.IMPLOT2.SOURCE.V0286044 (LIBMAN)
- SB#IM.Z.IMPLOT2.SOURCE.V0286044 (TAPE IMPBK3, FILE 114)
- SB#IM.UTILITY.SOURCE (HSM: 88/01/15)
- SB#IM.Z.UTILITY.SOURCE.V0683322 (LIBMAN)

- SB#IM.Z.UTILITY.SOURCE.V0683322 (TAPE IMPBK1, FILE 340)

Program Documentation

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                Document                          User's Guide
                --------                          ------------
Name:IMP Programming Systems Overview for the
     Cosmic Ray and Solar Electron Experiments
     10,11,28,32,52
Author: P. Schuster
Location: room 261, Building 1
Last Revised:
Pages:
```

Program Name: VLET LIST (for IMP-J)

Function: This program lists VLET events for either or both event types for selected time periods from IMP-J CNTS tapes.

Datasets

Source Dataset(s)

- SB#IM.I8VLTLST.SOURCE

Library Dataset(s)

- not sure

Run Dataset(s)

JCL	CLIST
SB#IM.LIB.CNTL(VLETLST8)	NONE

Compile and Link Datasets

JCL	CLIST
current build from linkgo in SB#IM.OLDLIB.CNTL(VLETLST8)	NONE

Backup Verification

- SB#IM.I8VLTLST.SOURCE (no HSM)
- SB#IM.Z.I8VLTLST.SOURCE.V0183049 (LIBMAN)
- SB#IM.Z.I8VLTLST.SOURCE.V0183049 (TAPE IMPBK1, FILE 301)

Program Documentation

Document	User's Guide
Name: IMP Programming Systems Overview for the Cosmic Ray and Solar Electron Experiments 10,11,28,32,52	IMP-6/7/8 (loose leaf note book)
Author: P. Schuster	
Location: room 261, Building 1	
Last Revised:	
Pages:	loose TAB D'

Program Name: MULTIPLE TIME SUMMARIZOR (for IMP-I)

Function: This program reads PHAS tapes to generate multiple time period MATR tapes and LOWG tapes.

Datasets

Source Dataset(s)

- SB#IM.MTSUM6.SOURCE, SB#IM.PHASUM6.SOURCE
- SB#IM.IMP6DPS.SOURCE, SB#IM.UTILITY.SOURCE

Library Dataset(s)

- FTIO package

Run Dataset(s)

JCL	CLIST
refer to JCL(linkgo) in IMP 6/7/8 User's Guide on page 8-3	NONE

Compile and Link Datasets

JCL	CLIST
construct build from IMP Programming Systems Overview on page 111, source not verfied, current build from load libraries (refer to IMP 6/7/8 User's Guide on page 8-3)	NONE

Backup Verification

- SB#IM.MTSUM6.SOURCE (no HSM)
- SB#IM.Z.MTSUM6.SOURCE.V0183039 (LIBMAN)
- SB#IM.Z.MTSUM6.SOURCE.V0183039 (TAPE IMPBK1, FILE 83)
- SB#IM.PHASUM6.SOURCE (no HSM)

- SB#IM.Z.PHASUM6.SOURCE.V0283129 (LIBMAN)
- SB#IM.Z.PHASUM6.SOURCE.V0283129 (TAPE IMPBK1, FILE 327)
- SB#IM.IMP6DPS.SOURCE (HSM: 84/05/11)
- SB#IM.Z.IMP6DPS.SOURCE.V0183039 (LIBMAN)
- SB#IM.Z.IMP6DPS.SOURCE.V0183039 (TAPE IMPBK1, FILE 41)
- SB#IM.UTILITY.SOURCE (HSM: 88/01/15)
- SB#IM.Z.UTILITY.SOURCE.V0683322 (LIBMAN)
- SB#IM.Z.UTILITY.SOURCE.V0683322 (TAPE IMPBK1, FILE 340)

Program Documentation

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                Document                              User's Guide
                --------                              ------------
Name:IMP Programming Systems Overview for the     IMP-6/7/8
     Cosmic Ray and Solar Electron Experiments    (loose leaf
     10,11,28,32,52                                note book)
Author: P. Schuster
Location: room 261, Building 1
Last Revised:
Pages:                                            loose TAB L'
Name:IMP-6 Documentation BOOK 1
Author:
Location: room 261, Building 1
Last Revised:
Pages:
```

Program Name: MULTIPLE TIME SUMMARIZOR (for IMP-H)

Function: This program reads PHAS tapes to generate multiple time period MATR tapes and LOWG tapes.

Datasets

Source Dataset(s)

- SB#IM.TIMSUM7.SOURCE, SB#IM.PHASUM7.SOURCE
- SB#IM.IMP6DPS.SOURCE, SB#IM.UTILITY.SOURCE
- SB#IM.READCT.FORT, SB#IM.PSEUDO.CNTL

Library Dataset(s)

- FTIO package

Run Dataset(s)

JCL	CLIST
SB#IM.LIB.CNTL(TIMSUM7)	NONE

Compile and Link Datasets

JCL	CLIST
construct build from IMP Programming Systems Overview on page 111, source is 95% confidence, current build from linkgo in SB#IM.OLDLIB.CNTL(TIMSUM7), then run SB#IM.PSEUDO.CNTL(PTIMSUM7)	NONE

Backup Verification

- SB#IM.TIMSUM7.SOURCE (HSM: 85/10/29)
- SB#IM.Z.TIMSUM7.SOURCE.V0285325 (LIBMAN)
- SB#IM.Z.TIMSUM7.SOURCE.V0285325 (TAPE IMPBK3, FILE 113)

- SB#IM.PHASUM7.SOURCE (HSM: 87/11/05)
- SB#IM.Z.PHASUM7.SOURCE.V0183035 (LIBMAN)
- SB#IM.Z.PHASUM7.SOURCE.V0183035 (TAPE IMPBK1, FILE 235)
- SB#IM.IMP6DPS.SOURCE (HSM: 84/05/11)
- SB#IM.Z.IMP6DPS.SOURCE.V0183039 (LIBMAN)
- SB#IM.Z.IMP6DPS.SOURCE.V0183039 (TAPE IMPBK1, FILE 41)
- SB#IM.UTILITY.SOURCE (HSM: 88/01/15)
- SB#IM.Z.UTILITY.SOURCE.V0683322 (LIBMAN)
- SB#IM.Z.UTILITY.SOURCE.V0683322 (TAPE IMPBK1, FILE 340)
- SB#IM.READCT.FORT (HSM: 85/12/24)
- SB#IM.Z.READCT.FORT.V0286044 (LIBMAN)
- SB#IM.Z.READCT.FORT.V0286044 (TAPE IMPBK1, FILE 117)
- SB#IM.PSEUDO.CNTL (HSM: 88/04/26)
- SB#IM.Z.PSEUDO.CNTL.V0385325 (LIBMAN)
- SB#IM.Z.PSEUDO.CNTL.V0385325 (TAPE IMPBK1, FILE 111)

Program Documentation

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                Document                          User's Guide
                --------                          ------------
Name:IMP Programming Systems Overview for the
     Cosmic Ray and Solar Electron Experiments
     10,11,28,32,52
Author: P. Schuster
Location: room 261, Building 1
Last Revised:
Pages:
```

Program Name: MULTIPLE TIME SUMMARIZOR (for IMP-J)

Function: This program reads PHAS tapes to generate multiple time period MATR tapes and LOWG tapes.

Datasets

Source Dataset(s)

- SB#IM.TIMSUM8.SOURCE, SB#IM.PHASUM8.SOURCE
- SB#IM.PHASUM7.SOURCE, SB#IM.IMP6DPS.SOURCE
- SB#IM.ANALIMP8.SOURCE, SB#IM.UTILITY.SOURCE
- SB#IM.READCT.FORT, SB#IM.PSEUDO.CNTL

Library Dataset(s)

- FTIO package

Run Dataset(s)

JCL	CLIST
SB#IM.LIB.CNTL(TIMSUM8)	NONE

Compile and Link Datasets

JCL	CLIST
construct build from IMP Programming Systems Overview on page 111, source is 95% confidence, current build from linkgo in SB#IM.OLDLIB.CNTL(TIMSUM8), then run SB#IM.PSEUDO.CNTL(TIMSUM8B)	NONE

Backup Verification

- SB#IM.TIMSUM8.SOURCE (HSM: 88/03/23)
- SB#IM.Z.TIMSUM8.SOURCE.V0183035 (LIBMAN)

- SB#IM.Z.TIMSUM8.SOURCE.V0183035 (TAPE IMPBK1, FILE 101)
- SB#IM.PHASUM8.SOURCE (no HSM)
- SB#IM.Z.PHASUM8.SOURCE.V0284055 (LIBMAN)
- SB#IM.Z.PHASUM8.SOURCE.V0284055 (TAPE IMPBK3, FILE 49)
- SB#IM.PHASUM7.SOURCE (HSM: 87/11/05)
- SB#IM.Z.PHASUM7.SOURCE.V0183035 (LIBMAN)
- SB#IM.Z.PHASUM7.SOURCE.V0183035 (TAPE IMPBK1, FILE 235)
- SB#IM.IMP6DPS.SOURCE (HSM: 84/05/11)
- SB#IM.Z.IMP6DPS.SOURCE.V0183039 (LIBMAN)
- SB#IM.Z.IMP6DPS.SOURCE.V0183039 (TAPE IMPBK1, FILE 41)
- SB#IM.ANALIMP8.SOURCE (HSM: 87/12/16)
- SB#IM.Z.ANALIMP8.SOURCE.V0284096 (LIBMAN)
- SB#IM.Z.ANALIMP8.SOURCE.V0284096 (TAPE IMPBK3, FILE 60)
- SB#IM.UTILITY.SOURCE (HSM: 88/01/15)
- SB#IM.Z.UTILITY.SOURCE.V0683322 (LIBMAN)
- SB#IM.Z.UTILITY.SOURCE.V0683322 (TAPE IMPBK1, FILE 340)
- SB#IM.READCT.FORT (HSM: 85/12/24)
- SB#IM.Z.READCT.FORT.V0286044 (LIBMAN)
- SB#IM.Z.READCT.FORT.V0286044 (TAPE IMPBK1, FILE 117)
- SB#IM.PSEUDO.CNTL (HSM: 88/04/26)
- SB#IM.Z.PSEUDO.CNTL.V0385325 (LIBMAN)
- SB#IM.Z.PSEUDO.CNTL.V0385325 (TAPE IMPBK1, FILE 111)

Program Documentation

	Document	User's Guide
Name:	IMP Programming Systems Overview for the Cosmic Ray and Solar Electron Experiments 10,11,28,32,52	IMP-6/7/8 (loose leaf note book)
Author:	P. Schuster	
Location:	room 261, Building 1	
Last Revised:		
Pages:		loose TAB W

Program Name: SECTOR DISPLAY (for IMP-I)

Function: This program produces polar histograms for all sectored rates , rate plots and prints the data corresponding to the plots.

Datasets

Source Dataset(s)

- SB#IM.ANSTRPY6.SOURCE, SB#IM.UTILITY.SOURCE

Library Dataset(s)

- FTIO package

Run Dataset(s)

JCL	CLIST
SB#IM.LIB.CNTL(ANSTRPY6)	NONE

Compile and Link Datasets

JCL	CLIST
construct build from IMP Programming Systems Overview on page 70, source not verified, current build from linkgo in SB#IM.OLDLIB.CNTL(ANSTRPY6)	NONE

Backup Verification

- SB#IM.ANSTRPY6.SOURCE (no HSM)
- SB#IM.Z.ANSTRPY6.SOURCE.V0183049 (LIBMAN)
- SB#IM.Z.ANSTRPY6.SOURCE.V0183049 (TAPE IMPBK1, FILE 307)
- SB#IM.UTILITY.SOURCE (HSM: 88/01/15)
- SB#IM.Z.UTILITY.SOURCE.V0683322 (LIBMAN)
- SB#IM.Z.UTILITY.SOURCE.V0683322 (TAPE IMPBK1, FILE 340)

Program Documentation

Document	User's Guide
Name: IMP Programming Systems Overview for the Cosmic Ray and Solar Electron Experiments 10,11,28,32,52	IMP-6/7/8 (loose leaf note book)
Author: P. Schuster	
Location: room 261, Building 1	
Last Revised:	
Pages:	loose TAB J

Program Name: SECTOR DISPLAY (for IMP-H)

Function: This program produces polar histograms for all sectored rates , rate plots and prints the data corresponding to the plots.

Datasets

Source Dataset(s)

- SB#IM.ANSTRPY7.SOURCE, SB#IM.ANALIMP7.SOURCE
- SB#IM.UTILITY.SOURCE

Library Dataset(s)

- FTIO package

Run Dataset(s)

JCL	CLIST
SB#IM.LIB.CNTL(ANSTRPY7)	NONE

Compile and Link Datasets

JCL	CLIST
construct build from IMP Programming Systems Overview on page 70, source not verified, current build from linkgo in SB#IM.OLDLIB.CNTL(ANSTRPY7)	NONE

Backup Verification

- SB#IM.ANSTRPY7.SOURCE (no HSM)
- SB#IM.Z.ANSTRPY7.SOURCE.V0183035 (LIBMAN)
- SB#IM.Z.ANSTRPY7.SOURCE.V0183035 (TAPE IMPBK1, FILE 94)
- SB#IM.ANALIMP7.SOURCE (HSM: 87/09/08)
- SB#IM.Z.ANALIMP7.SOURCE.V0288061 (LIBMAN)

- SB#IM.Z.ANALIMP7.SOURCE.V0288061 (TAPE IMPBK3, FILE 141)
- SB#IM.UTILITY.SOURCE (HSM: 88/01/15)
- SB#IM.Z.UTILITY.SOURCE.V0683322 (LIBMAN)
- SB#IM.Z.UTILITY.SOURCE.V0683322 (TAPE IMPBK1, FILE 340)

Program Documentation

	Document	User's Guide
	---	---
Name:	IMP Programming Systems Overview for the Cosmic Ray and Solar Electron Experiments 10,11,28,32,52	IMP-6/7/8 (loose leaf note book)
Author:	P. Schuster	
Location:	room 261, Building 1	
Last Revised:		
Pages:		loose TAB M'

Program Name: SECTOR DISPLAY (for IMP-J)

Function: This program produces polar histograms for all sectored rates , rate plots and prints the data corresponding to the plots.

Datasets

Source Dataset(s)

- SB#IM.ANSTRPY8.SOURCE, SB#IM.ANSTRPY7.SOURCE
- SB#IM.ANALIMP7.SOURCE, SB#IM.UTILITY.SOURCE

Library Dataset(s)

- FTIO package

Run Dataset(s)

JCL	CLIST
SB#IM.LIB.CNTL(ANSTRPY8)	NONE

Compile and Link Datasets

JCL	CLIST
construct build from IMP Programming Systems Overview on page 70, source not verified, current build from linkgo in SB#IM.OLDLIB.CNTL(ANSTRPY8)	NONE

Backup Verification

- SB#IM.ANSTRPY8.SOURCE (no HSM)
- SB#IM.Z.ANSTRPY8.SOURCE.V0183035 (LIBMAN)
- SB#IM.Z.ANSTRPY8.SOURCE.V)183035 (TAPE IMPBK1, FILE 95)
- SB#IM.ANSTRPY7.SOURCE (no HSM)
- SB#IM.Z.ANSTRPY7.SOURCE.V0183035 (LIBMAN)

- SB#IM.Z.ANSTRPY7.SOURCE.V0183035 (TAPE IMPBK1, FILE 94)
- SB#IM.ANALIMP7.SOURCE (HSM: 87/09/08)
- SB#IM.Z.ANALIMP7.SOURCE.V0288061 (LIBMAN)
- SB#IM.Z.ANALIMP7.SOURCE.V0288061 (TAPE IMPBK3, FILE 141)
- SB#IM.UTILITY.SOURCE (HSM: 88/01/15)
- SB#IM.Z.UTILITY.SOURCE.V0683322 (LIBMAN)
- SB#IM.Z.UTILITY.SOURCE.V0683322 (TAPE IMPBK1, FILE 340)

Program Documentation

```
                Document                              User's Guide
                --------                              ------------
Name:IMP Programming Systems Overview for the         IMP-6/7/8
     Cosmic Ray and Solar Electron Experiments        (loose leaf
     10,11,28,32,52                                    note book)
Author: P. Schuster
Location: room 261, Building 1
Last Revised:
Pages:                                                loose TAB Mc'
```

Program Name: DUMP PROGRAMS

Function: These programs dump the date records information from CNTS, LOWG, ENCY, FLUX, FLEX, PHAS and SMCT tapes.

Datasets

Source Dataset(s)

- SB#IM.TAPEDMPS.SOURCE

Library Dataset(s)

- FTIO package

Run Dataset(s)

	JCL	CLIST
	---	-----
	SB#IM.TAPEDMPS.SOURCE	NONE

Compile and Link Datasets

	JCL	CLIST
	---	-----
	SB#IM.TAPEDMPS.SOURCE	NONE

Backup Verification

- SB#IM.TAPEDMPS.SOURCE (HSM: 87/09/17)
- SB#IM.Z.TAPEDMPS.SOURCE.V0283097 (LIBMAN)
- SB#IM.Z.TAPEDMPS.SOURCE.V0283097 (TAPE IMPBK1, FILE 320)

Program Documentation

Document	User's Guide

Name:IMP Programming Systems Overview for the
Cosmic Ray and Solar Electron Experiments
10,11,28,32,52
Author: P. Schuster
Location: room 261, Building 1
Last Revised:
Pages:

Program Name: GENERAL SUBROUTINES AND UTILITIES

Function: These programs performs utility and generalized functions for all IMP systems.

Datasets

Source Dataset(s)

- SB#IM.UTILITY.SOURCE

Library Dataset(s)

- FTIO package

Run Dataset(s)

	JCL	CLIST
not	sure	NONE

Compile and Link Datasets

	JCL	CLIST
not	sure	NONE

Backup Verification

- SB#IM.UTILITY.SOURCE (HSM: 88/01/15)
- SB#IM.Z.UTILITY.SOURCE.V0683322 (LIBMAN)
- SB#IM.Z.UTILITY.SOURCE.V0683322 (TAPE IMPBK1, FILE 340)

Program Documentation

Document	User's Guide

Name: IMP Programming Systems Overview for the
Cosmic Ray and Solar Electron Experiments
10,11,28,32,52
Author: P. Schuster
Location: room 261, Building 1
Last Revised:
Pages:

Program Name: GAIN TABLE AND FINEGAIN TABLES PROGRAMS

Function: These programs are designed to access the gain and finegain tables.

Datasets

Source Dataset(s)

- SB#IM.FINEGAIN.CNTL

Library Dataset(s)

- FTIO package

Run Dataset(s)

JCL	CLIST
NONE	NONE

Compile and Link Datasets

JCL	CLIST
NONE	NONE

Backup Verification

- SB#IM.FINEGAIN.CNTL (HSM: 88/04/29)
- SB#IM.Z.FINEGAIN.CNTL.V0287223 (LIBMAN)
- SB#IM.Z.FINEGAIN.CNTL.V0287223 (TAPE IMPBK3, FILE 127)

Program Documentation

Document	User's Guide
Name: IMP Programming Systems Overview for the Cosmic Ray and Solar Electron Experiments 10,11,28,32,52	IMP gain factor determination & finegain table updates
Author: P. Schuster	K. Wortman
Location: room 261, Building 1	room 261, Building 1
Last Revised:	
Pages:	

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+++DSMGML003W Example prematurely ended by Heading-1 tag. (Page 62)
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DSMMOM397I '.DSM#MSG' WAS IMBEDDED AT LINE 210 OF '.DSM#RSET'
DSMMOM397I '.DSM#RSET' WAS IMBEDDED AT LINE 60 OF '.DSMHEAD1'
DSMMOM397I '.DSMHEAD1' WAS IMBEDDED AT LINE 1924 OF 'TEXT'
DSMSSU588W NO APF FOUND FOR 'IMP' TAG.
DSMMOM395I 'TEXT' LINE 1961: Name:IMP Programming Systems Overview for the IMP-6/7/8
+++DSMGML003W Example prematurely ended by Heading-1 tag. (Page 63)
DSMMOM397I '.DSM#M01' WAS IMBEDDED AT LINE 40 OF '.DSM#MSG'
DSMMOM397I '.DSM#MSG' WAS IMBEDDED AT LINE 210 OF '.DSM#RSET'
DSMMOM397I '.DSM#RSET' WAS IMBEDDED AT LINE 60 OF '.DSMHEAD1'
DSMMOM397I '.DSMHEAD1' WAS IMBEDDED AT LINE 1968 OF 'TEXT'
DSMSSU588W NO APF FOUND FOR 'IMP' TAG.
DSMMOM395I 'TEXT' LINE 2017: Name:IMP Programming Systems Overview for the IMP-6/7/8
DSMSSU588W NO APF FOUND FOR 'IMP' TAG.
DSMMOM395I 'TEXT' LINE 2068: Name:IMP Programming Systems Overview for the
DSMSSU588W NO APF FOUND FOR 'IMP' TAG.
DSMMOM395I 'TEXT' LINE 2112: Name:IMP Programming Systems Overview for the IMP-6/7/8
DSMSSU588W NO APF FOUND FOR 'IMP' TAG.
DSMMOM395I 'TEXT' LINE 2169: Name:IMP Programming Systems Overview for the IMP-6/7/8
DSMSSU588W NO APF FOUND FOR 'IMP' TAG.
DSMMOM395I 'TEXT' LINE 2237: Name:IMP Programming Systems Overview for the
DSMSSU588W NO APF FOUND FOR 'IMP' TAG.
DSMMOM395I 'TEXT' LINE 2307: Name:IMP Programming Systems Overview for the IMP-6/7/8
DSMSSU588W NO APF FOUND FOR 'IMP' TAG.
DSMMOM395I 'TEXT' LINE 2356: Name:IMP Programming Systems Overview for the IMP-6/7/8
DSMSSU588W NO APF FOUND FOR 'IMP' TAG.
DSMMOM395I 'TEXT' LINE 2409: Name:IMP Programming Systems Overview for the IMP-6/7/8
DSMSSU588W NO APF FOUND FOR 'IMP' TAG.
DSMMOM395I 'TEXT' LINE 2465: Name:IMP Programming Systems Overview for the IMP-6/7/8
DSMSSU588W NO APF FOUND FOR 'IMP' TAG.
DSMMOM395I 'TEXT' LINE 2507: Name:IMP Programming Systems Overview for the
DSMSSU588W NO APF FOUND FOR 'IMP' TAG.
DSMMOM395I 'TEXT' LINE 2549: Name:IMP Programming Systems Overview for the
DSMSSU588W NO APF FOUND FOR 'IMP' TAG.
DSMMOM395I 'TEXT' LINE 2591: Name:IMP Programming Systems Overview for the IMP gain fa
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