#642

Earth Sc

STS-41G (SIR-B)

DATA TAKES LISTING ON MAGNETIC TAPE

84-108A-01C

ESTP-00028

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1. INTRODUCTION:

The documentation for this data set was originally on paper, kept in NSSDC's Data Set Catalogs (DSCs). The paper documentation in the Data Set Catalogs have been made into digital images, and then collected into a single PDF file for each Data Set Catalog. The inventory information in these DSCs is current as of July 1, 2004. This inventory information is now no longer maintained in the DSCs, but is now managed in the inventory part of the NSSDC information system. The information existing in the DSCs is now not needed for locating the data files, but we did not remove that inventory information.

The offline tape datasets have now been migrated from the original magnetic tape to Archival Information Packages (AIP's).

A prior restoration may have been done on data sets, if a requestor of this data set has questions; they should send an inquiry to the request office to see if additional information exists.

2. ERRATA/CHANGE LOG:

NOTE: Changes are made in a text box, and will show up that way when displayed on screen with a PDF reader.

When printing, special settings may be required to make the text box appear on the printed output.

Version	Date	Person	Page	Description of Change
01				
02				

3 LINKS TO RELEVANT INFORMATION IN THE ONLINE NSSDC INFORMATION SYSTEM:

http://nssdc.gsfc.nasa.gov/nmc/

[NOTE: This link will take you to the main page of the NSSDC Master Catalog. There you will be able to perform searches to find additional information]

4. CATALOG MATERIALS:

a. Associated Documents To find associated documents you will need to know the document ID number and then click here.
http://nssdcftp.gsfc.nasa.gov/miscellaneous/documents/

b. Core Catalog Materials

REQ. AGENT	RAND NO.	ACQ. AGENT
SAR	V0314	CYN

STS-41G (SIR-B)

DATA TAKES LISTING ON MAGNETIC TAPE

84-108A-01C ESTP-00028

This data set catalog consists of one magnetic tape. The tape is 9-track, 1600 BPI, ASCII with 3 files. The tape was created on a VAX 11/780 computer. The D and C number along with the time span is as follows:

D#	C#	TIME SPAN
D-70016	C-25450	10/06/84 - 10/12/84

Datatake: 10.4
Orbit: 10
Ascending/Descending: A
Look Angle: 47.0
Incidence Angle: 50.4
Bits/sample: 3
Area: AFRICA
Site: HAIL

GMT				MET					---- DW Center ----						Geod Alt	
									Geod							
D	H	M	S	D	H	M	S	Rev	Lat			Lon			(km)	SNR
280	2	20	0	0	15	17	0	11	20	27	6	36	50	32	353.6	0
280	2	20	10	0	15	17	10	11	20	59	52	37	11	34	353.7	
280	2	20	20	0	15	17	20	11	21	32	35	37	32	47	353.8	
280	2	20	30	0	15	17	30	11	22	5	14	37	54	11	353.9	
280	2	20	40	0	15	17	40	11	22	37	50	38	15	46	354.0	
280	2	20	50	0	15	17	50	11	23	10	24	38	37	31	354.1	0
280	2	21	0	0	15	18	0	11	23	42	54	38	59	27	354.2	
280	2	21	10	0	15	18	10	11	24	15	21	39	21	34	354.4	1
280	2	21	20	0	15	18	20	11	24	47	45	39	43	51	354.5	
280	2	21	30	0	15	18	30	11	25	20	6	40	6	20	354.6	
280	2	21	40	0	15	18	40	11	25	52	23	40	28	59	354.7	
280	2	21	50	0	15	18	50	11	26	24	38	40	51	48	354.9	
280	2	22	0	0	15	19	0	11	26	56	50	41	14	49	355.0	
280	2	22	10	0	15	19	10	11	27	28	57	41	38	3	355.1	
280	2	22	20	0	15	19	20	11	28	0	59	42	1	33	355.3	0
280	2	22	30	0	15	19	30	11	28	32	57	42	25	19	355.4	
280	2	22	40	0	15	19	40	11	29	4	49	42	49	20	355.6	
280	2	22	50	0	15	19	50	11	29	36	38	43	13	37	355.7	
280	2	23	0	0	15	20	0	11	30	8	21	43	38	10	355.8	
280	2	23	10	0	15	20	10	11	30	40	0	44	2	58	356.0	
280	2	23	20	0	15	20	20	11	31	11	34	44	28	2	356.1	0
280	2	23	30	0	15	20	30	11	31	43	3	44	53	22	356.3	
280	2	23	40	0	15	20	40	11	32	14	27	45	18	57	356.4	
280	2	23	50	0	15	20	50	11	32	45	47	45	44	48	356.6	
280	2	24	0	0	15	21	0	11	33	17	2	46	10	55	356.7	
280	2	24	10	0	15	21	10	11	33	48	8	46	37	29	356.9	0
280	2	24	20	0	15	21	20	11	34	19	9	47	4	22	357.0	
280	2	24	30	0	15	21	30	11	34	50	3	47	31	34	357.2	
280	2	24	40	0	15	21	40	11	35	20	51	47	59	5	357.3	
280	2	24	50	0	15	21	50	11	35	51	34	48	26	55	357.5	
280	2	25	0	0	15	22	0	11	36	22	10	48	55	4	357.7	0

Database: 12.6
Orbit: 12
Ascending/Descending: D
Look Angle: 33.0
Incidence Angle: 35.1
Bits/sample: 6
Area: JAPAN
Site: HOKKAIDO

GMT				MET				Rev	----- DW Center ---- Geod Lat			Lon			Geod Alt (km)	SNR
D	H	M	S	D	H	M	S									
280	4	16	0	0	17	13	0	12	49	26	28	134	32	10	364.4	
280	4	16	10	0	17	13	10	12	49	2	18	135	17	9	364.3	
280	4	16	20	0	17	13	20	12	48	37	52	136	1	28	364.2	4
280	4	16	30	0	17	13	30	12	48	13	10	136	45	5	364.1	
280	4	16	40	0	17	13	40	12	47	48	12	137	28	2	364.0	
280	4	16	50	0	17	13	50	12	47	22	57	138	10	17	363.9	6
280	4	17	0	0	17	14	0	12	46	57	27	138	51	52	363.8	
280	4	17	10	0	17	14	10	12	46	31	41	139	32	46	363.6	
280	4	17	20	0	17	14	20	12	46	5	39	140	12	59	363.5	
280	4	17	30	0	17	14	30	12	45	39	20	140	52	31	363.4	
280	4	17	40	0	17	14	40	12	45	12	46	141	31	23	363.3	0
280	4	17	50	0	17	14	50	12	44	45	56	142	9	33	363.2	
280	4	18	0	0	17	15	0	12	44	18	50	142	47	3	363.1	
280	4	18	10	0	17	15	10	12	43	51	37	143	24	10	363.0	
280	4	18	20	0	17	15	20	12	43	24	12	144	0	41	362.8	4
280	4	18	30	0	17	15	30	12	42	56	34	144	36	37	362.7	3
280	4	18	40	0	17	15	40	12	42	28	42	145	11	57	362.6	
280	4	18	50	0	17	15	50	12	42	0	37	145	46	42	362.5	
280	4	19	0	0	17	16	0	12	41	32	20	146	20	51	362.3	
280	4	19	10	0	17	16	10	12	41	3	56	146	54	40	362.2	
280	4	19	20	0	17	16	20	12	40	35	21	147	27	58	362.1	
280	4	19	30	0	17	16	30	12	40	6	35	148	0	46	362.0	0
280	4	19	40	0	17	16	40	12	39	37	38	148	33	2	361.9	
280	4	19	50	0	17	16	50	12	39	8	30	149	4	47	361.7	
280	4	20	0	0	17	17	0	12	38	39	11	149	36	1	361.6	0

Datat[illegible]: 14.2
Orbit: [illegible]14
Ascending/Descending: A
Look Angle: 37.0
Incidence Angle: 39.5
Bits/sample: 5
Area: EUROPE
Site: ROTTUM

Data Take: 14.2
Not acceptable because: severe interference in spectrum, grating in image

GMT				MET				Rev	DW Center Geod Lat				DW Center Geod Lon			Geod Alt (km)	SNR
D	H	M	S	D	H	M	S										
280	7	4	0	0	20	1	0	14	47	59	59	-	4	57	2	361.7	
280	7	4	10	0	20	1	10	14	48	25	15	-	4	14	32	361.9	
280	7	4	20	0	20	1	20	14	48	50	10	-	3	31	15	362.0	
280	7	4	30	0	20	1	30	14	49	14	45	-	2	47	11	362.1	
280	7	4	40	0	20	1	40	14	49	39	0	-	2	2	21	362.3	
280	7	4	50	0	20	1	50	14	50	2	55	-	1	16	43	362.4	
280	7	5	0	0	20	2	0	14	50	26	29	-	0	30	19	362.6	0
280	7	5	10	0	20	2	10	14	50	49	44		0	16	51	362.7	2
280	7	5	20	0	20	2	20	14	51	12	39		1	4	50	362.8	
280	7	5	30	0	20	2	30	14	51	35	13		1	53	35	363.0	
280	7	5	40	0	20	2	40	14	51	57	27		2	43	6	363.1	
280	7	5	50	0	20	2	50	14	52	19	22		3	33	25	363.2	
280	7	6	0	0	20	3	0	14	52	40	56		4	24	31	363.4	
280	7	6	10	0	20	3	10	14	53	2	7		5	16	32	363.5	1
280	7	6	20	0	20	3	20	14	53	22	51		6	9	25	363.6	
280	7	6	30	0	20	3	30	14	53	43	6		7	3	11	363.7	
280	7	6	40	0	20	3	40	14	54	2	53		7	57	49	363.9	0
280	7	6	50	0	20	3	50	14	54	22	11		8	53	20	364.0	
280	7	7	0	0	20	4	0	14	54	41	1		9	49	43	364.1	
280	7	7	10	0	20	4	10	14	54	59	23		10	46	59	364.2	1
280	7	7	20	0	20	4	20	14	55	17	17		11	45	7	364.3	1
280	7	7	30	0	20	4	30	14	55	34	43		12	44	8	364.4	
280	7	7	40	0	20	4	40	14	55	51	40		13	44	1	364.5	2
280	7	7	50	0	20	4	50	14	56	8	9		14	44	47	364.6	
280	7	8	0	0	20	5	0	14	56	24	10		15	46	25	364.7	5
280	7	8	10	0	20	5	10	14	56	39	39		16	49	4	364.8	
280	7	8	20	0	20	5	20	14	56	54	31		17	52	28	364.9	
280	7	8	30	0	20	5	30	14	57	8	46		18	56	37	365.0	
280	7	8	40	0	20	5	40	14	57	22	25		20	1	31	365.1	
280	7	8	50	0	20	5	50	14	57	35	26		21	7	10	365.2	
280	7	9	0	0	20	6	0	14	57	47	51		22	13	34	365.3	
280	7	9	10	0	20	6	10	14	57	59	39		23	20	43	365.3	
280	7	9	20	0	20	6	20	14	58	10	50		24	28	37	365.4	0
280	7	9	30	0	20	6	30	14	58	21	24		25	37	16	365.5	
280	7	9	40	0	20	6	40	14	58	31	22		26	46	40	365.6	4
280	7	9	50	0	20	6	50	14	58	40	42		27	56	49	365.6	
280	7	10	0	0	20	7	0	14	58	49	26		29	7	43	365.7	
280	7	10	10	0	20	7	10	14	58	57	20		30	18	43	365.7	
280	7	10	20	0	20	7	20	14	59	4	34		31	30	18	365.8	
280	7	10	30	0	20	7	30	14	59	11	7		32	42	26	365.9	
280	7	10	40	0	20	7	40	14	59	17	0		33	55	9	365.9	
280	7	10	50	0	20	7	50	14	59	22	12		35	8	26	365.9	
280	7	11	0	0	20	8	0	14	59	26	43		36	22	17	366.0	
280	7	11	10	0	20	8	10	14	59	30	26		37	35	47	366.0	
280	7	11	20	0	20	8	20	14	59	33	25		38	49	35	366.1	
280	7	11	30	0	20	8	30	14	59	35	41		40	3	42	366.1	

GMT				MET					---- DW Center ----						Geod Alt	
D	H	M	S	D	H	M	S	Rev	Geod Lat			Lon			(km)	SNR
280	7	11	40	0	20	8	40	14	59	37	14	41	18	7	366.1	
280	7	11	50	0	20	8	50	14	59	38	4	42	32	50	366.2	
280	7	12	0	0	20	9	0	14	59	38	11	43	47	52	366.2	

Data[illegible]: 14.8
Orbit[illegible] 14
Ascending/Descending: A
Look Angle: 46.0
Incidence Angle: 49.3
Bits/sample: 4
Area: SOUTH AMERICA
Site: PERU

GMT				MET				Rev	---- DW Center ---- Geod Lat	Lon	Geod Alt (km)	SNR
D	H	M	S	D	H	M	S					
280	8	14	0	0	21	11	0	14	-19 44 44	- 80 19 7	354.4	
280	8	14	10	0	21	11	10	14	-19 13 6	- 79 56 47	354.3	
280	8	14	20	0	21	11	20	14	-18 41 25	- 79 34 36	354.1	
280	8	14	30	0	21	11	30	14	-18 9 40	- 79 12 33	354.0	0
280	8	14	40	0	21	11	40	14	-17 37 51	- 78 50 40	353.9	
280	8	14	50	0	21	11	50	14	-17 5 58	- 78 28 56	353.8	
280	8	15	0	0	21	12	0	14	-16 34 1	- 78 7 21	353.7	
280	8	15	10	0	21	12	10	14	-16 2 1	- 77 45 56	353.5	
280	8	15	20	0	21	12	20	14	-15 29 56	- 77 24 39	353.4	
280	8	15	30	0	21	12	30	14	-14 57 48	- 77 3 32	353.3	
280	8	15	40	0	21	12	40	14	-14 25 35	- 76 42 33	353.2	
280	8	15	50	0	21	12	50	14	-13 53 19	- 76 21 44	353.1	
280	8	16	0	0	21	13	0	14	-13 20 59	- 76 1 4	353.0	0
280	8	16	10	0	21	13	10	14	-12 48 36	- 75 40 31	352.9	
280	8	16	20	0	21	13	20	14	-12 16 10	- 75 20 4	352.8	
280	8	16	30	0	21	13	30	14	-11 43 42	- 74 59 42	352.7	3
280	8	16	40	0	21	13	40	14	-11 11 11	- 74 39 27	352.6	
280	8	16	50	0	21	13	50	14	-10 38 37	- 74 19 17	352.6	
280	8	17	0	0	21	14	0	14	-10 6 1	- 73 59 13	352.5	
280	8	17	10	0	21	14	10	14	- 9 33 23	- 73 39 14	352.4	3
280	8	17	20	0	21	14	20	14	- 9 0 41	- 73 19 21	352.3	
280	8	17	30	0	21	14	30	14	- 8 27 57	- 72 59 34	352.3	
280	8	17	40	0	21	14	40	14	- 7 55 11	- 72 39 53	352.2	
280	8	17	50	0	21	14	50	14	- 7 22 22	- 72 20 18	352.1	2
280	8	18	0	0	21	15	0	14	- 6 49 30	- 72 0 48	352.1	
280	8	18	10	0	21	15	10	14	- 6 16 38	- 71 41 19	352.0	3
280	8	18	20	0	21	15	20	14	- 5 43 44	- 71 21 54	351.9	
280	8	18	30	0	21	15	30	14	- 5 10 48	- 71 2 33	351.9	3
280	8	18	40	0	21	15	40	14	- 4 37 50	- 70 43 16	351.8	
280	8	18	50	0	21	15	50	14	- 4 4 50	- 70 24 4	351.8	
280	8	19	0	0	21	16	0	14	- 3 31 47	- 70 4 55	351.8	

Data Take: 17.4
Orbit: 17
Ascending/Descending: D
Look Angle: 21.0
Incidence Angle: 22.3
Bits/sample: 6
Area: N EUROPE
Site: ROTTUM

Data Take: 17.4

Not acceptable because: severe interference in spectrum, grating on the image

GMT				MET				Rev	DW Center Geod Lat				DW Center Geod Lon			Geod Alt (km)	SNR
D	H	M	S	D	H	M	S										
280	11	49	0	1	0	46	0	17	57	8	48	-	9	24	0	366.3	
280	11	49	10	1	0	46	10	17	56	58	27	-	8	16	47	366.3	
280	11	49	20	1	0	46	20	17	56	47	33	-	7	10	18	366.3	
280	11	49	30	1	0	46	30	17	56	36	4	-	6	4	34	366.2	
280	11	49	40	1	0	46	40	17	56	24	0	-	4	59	35	366.2	
280	11	49	50	1	0	46	50	17	56	11	23	-	3	55	20	366.2	
280	11	50	0	1	0	47	0	17	55	58	11	-	2	51	51	366.1	
280	11	50	10	1	0	47	10	17	55	44	24	-	1	49	5	366.1	
280	11	50	20	1	0	47	20	17	55	30	4	-	0	47	5	366.0	
280	11	50	30	1	0	47	30	17	55	15	9		0	14	10	366.0	
280	11	50	40	1	0	47	40	17	54	59	40		1	14	41	365.9	
280	11	50	50	1	0	47	50	17	54	43	36		2	14	27	365.9	
280	11	51	0	1	0	48	0	17	54	26	58		3	13	28	365.8	
280	11	51	10	1	0	48	10	17	54	10	1		4	11	31	365.8	
280	11	51	20	1	0	48	20	17	53	52	33		5	8	45	365.7	
280	11	51	30	1	0	48	30	17	53	34	36		6	5	10	365.6	
280	11	51	40	1	0	48	40	17	53	16	8		7	0	46	365.6	
280	11	51	50	1	0	48	50	17	52	57	10		7	55	34	365.5	
280	11	52	0	1	0	49	0	17	52	37	42		8	49	33	365.4	
280	11	52	10	1	0	49	10	17	52	17	59		9	42	42	365.4	
280	11	52	20	1	0	49	20	17	51	57	49		10	35	2	365.3	
280	11	52	30	1	0	49	30	17	51	37	14		11	26	33	365.2	
280	11	52	40	1	0	49	40	17	51	16	13		12	17	14	365.1	
280	11	52	50	1	0	49	50	17	50	54	46		13	7	7	365.0	
280	11	53	0	1	0	50	0	17	50	32	53		13	56	11	364.9	

Data Take: 17.5
Orbit: 17
Ascending/Descending: D
Look Angle: 34.0
Incidence Angle: 36.2
Bits/sample: 4
Area: ASIA MINOR
Site: AL JAWF

Data Take: 17.5

Not acceptable because: severe interference grating on image.

GMT				MET					---- DW Center ----						Geod Alt	
									Geod							
D	H	M	S	D	H	M	S	Rev	Lat			Lon			(km)	SNR
280	11	59	0	1	0	56	0	17	35	1	19	37	1	12	360.8	
280	11	59	10	1	0	56	10	17	34	30	54	37	29	9	360.7	
280	11	59	20	1	0	56	20	17	34	0	22	37	56	46	360.6	
280	11	59	30	1	0	56	30	17	33	29	45	38	24	6	360.5	
280	11	59	40	1	0	56	40	17	32	59	2	38	51	6	360.3	
280	11	59	50	1	0	56	50	17	32	28	13	39	17	49	360.2	
280	12	0	0	1	0	57	0	17	31	57	18	39	44	13	360.1	
280	12	0	10	1	0	57	10	17	31	26	17	40	10	19	360.0	
280	12	0	20	1	0	57	20	17	30	55	9	40	36	6	359.8	
280	12	0	30	1	0	57	30	17	30	23	56	41	1	35	359.7	
280	12	0	40	1	0	57	40	17	29	52	37	41	26	46	359.6	
280	12	0	50	1	0	57	50	17	29	21	12	41	51	38	359.5	
280	12	1	0	1	0	58	0	17	28	49	41	42	16	11	359.4	
280	12	1	10	1	0	58	10	17	28	18	5	42	40	30	359.2	
280	12	1	20	1	0	58	20	17	27	46	25	43	4	37	359.1	
280	12	1	30	1	0	58	30	17	27	14	42	43	28	30	359.0	
280	12	1	40	1	0	58	40	17	26	42	54	43	52	11	358.9	
280	12	1	50	1	0	58	50	17	26	11	2	44	15	39	358.8	
280	12	2	0	1	0	59	0	17	25	39	6	44	38	54	358.7	
280	12	2	10	1	0	59	10	17	25	7	6	45	1	56	358.6	
280	12	2	20	1	0	59	20	17	24	35	2	45	24	46	358.5	
280	12	2	30	1	0	59	30	17	24	2	54	45	47	22	358.4	
280	12	2	40	1	0	59	40	17	23	30	42	46	9	46	358.2	
280	12	2	50	1	0	59	50	17	22	58	26	46	31	57	358.1	
280	12	3	0	1	1	0	0	17	22	26	6	46	53	55	358.0	
280	12	3	10	1	1	0	10	17	21	53	45	47	15	49	357.9	
280	12	3	20	1	1	0	20	17	21	21	20	47	37	32	357.8	
280	12	3	30	1	1	0	30	17	20	48	53	47	59	5	357.8	
280	12	3	40	1	1	0	40	17	20	16	22	48	20	27	357.7	
280	12	3	50	1	1	0	50	17	19	43	48	48	41	39	357.6	
280	12	4	0	1	1	1	0	17	19	11	11	49	2	41	357.5	

Datat[illegible]: 18.6
Orbit: 18
Ascending/Descending: A
Look Angle: 20.0
Incidence Angle: 21.2
Bits/sample: 3
Area: NEW ZEALAND
Site: N ALPINE FLT

Data Take : 18.6
Not acceptable because: cannot transfer data
frequent dropouts

GMT				MET				Rev	---- DW Center ---- Geod Lat			Lon			Geod Alt (km)	SNR
D	H	M	S	D	H	M	S									
280	14	11	0	1	3	8	0	18	-49	1	5	162	3	10	362.9	
280	14	11	10	1	3	8	10	18	-48	37	37	162	48	31	362.8	
280	14	11	20	1	3	8	20	18	-48	13	54	163	33	11	362.7	3
280	14	11	30	1	3	8	30	18	-47	49	53	164	17	12	362.5	
280	14	11	40	1	3	8	40	18	-47	25	35	165	0	32	362.3	
280	14	11	50	1	3	8	50	18	-47	1	1	165	43	12	362.2	
280	14	12	0	1	3	9	0	18	-46	36	10	166	25	12	362.0	
280	14	12	10	1	3	9	10	18	-46	11	3	167	6	32	361.9	
280	14	12	20	1	3	9	20	18	-45	45	38	167	47	12	361.7	
280	14	12	30	1	3	9	30	18	-45	19	57	168	27	12	361.6	
280	14	12	40	1	3	9	40	18	-44	53	59	169	6	32	361.4	
280	14	12	50	1	3	9	50	18	-44	27	44	169	45	12	361.3	
280	14	13	0	1	3	10	0	18	-44	1	13	170	23	11	361.1	
280	14	13	10	1	3	10	10	18	-43	34	34	171	0	47	360.9	
280	14	13	20	1	3	10	20	18	-43	7	42	171	37	48	360.8	
280	14	13	30	1	3	10	30	18	-42	40	36	172	14	13	360.6	
280	14	13	40	1	3	10	40	18	-42	13	16	172	50	3	360.4	
280	14	13	50	1	3	10	50	18	-41	45	41	173	25	18	360.3	
280	14	14	0	1	3	11	0	18	-41	17	53	173	59	57	360.1	
280	14	14	10	1	3	11	10	18	-40	49	59	174	34	16	359.9	
280	14	14	20	1	3	11	20	18	-40	21	54	175	8	5	359.8	
280	14	14	30	1	3	11	30	18	-39	53	37	175	41	22	359.6	
280	14	14	40	1	3	11	40	18	-39	25	8	176	14	9	359.4	
280	14	14	50	1	3	11	50	18	-38	56	27	176	46	25	359.3	2
280	14	15	0	1	3	12	0	18	-38	27	35	177	18	10	359.1	

Datat[illegible] 35.2
Orbit: [illegible]35
Ascending/Descending: A
Look Angle: 58.0
Incidence Angle: 61.2
Bits/sample: 6
Area: HAWAII
Site: HAWAII

Data Take: 35.2

Not acceptable because: no signal, sine modulation on histogram

GMT				MET					DW Center Geod						Geod Alt	
D	H	M	S	D	H	M	S	Rev	Lat			Lon			(km)	SNR
281	14	30	0	2	3	27	0	35	14	18	4	-158	19	5	228.5	
281	14	30	10	2	3	27	10	35	14	52	6	-157	58	44	228.6	
281	14	30	20	2	3	27	20	35	15	26	6	-157	38	15	228.6	
281	14	30	30	2	3	27	30	35	16	0	4	-157	17	39	228.7	
281	14	30	40	2	3	27	40	35	16	34	0	-156	56	55	228.8	
281	14	30	50	2	3	27	50	35	17	7	54	-156	36	4	228.8	
281	14	31	0	2	3	28	0	35	17	41	46	-156	15	6	228.9	
281	14	31	10	2	3	28	10	35	18	15	36	-155	54	0	229.0	
281	14	31	20	2	3	28	20	35	18	49	24	-155	32	46	229.1	
281	14	31	30	2	3	28	30	35	19	23	10	-155	11	25	229.2	
281	14	31	40	2	3	28	40	35	19	56	54	-154	49	57	229.3	
281	14	31	50	2	3	28	50	35	20	30	36	-154	28	21	229.4	
281	14	32	0	2	3	29	0	35	21	4	16	-154	6	38	229.4	
281	14	32	10	2	3	29	10	35	21	37	52	-153	44	40	229.5	
281	14	32	20	2	3	29	20	35	22	11	25	-153	22	33	229.6	
281	14	32	30	2	3	29	30	35	22	44	56	-153	0	17	229.7	
281	14	32	40	2	3	29	40	35	23	18	24	-152	37	51	229.8	
281	14	32	50	2	3	29	50	35	23	51	50	-152	15	16	229.9	
281	14	33	0	2	3	30	0	35	24	25	13	-151	52	31	230.0	
281	14	33	10	2	3	30	10	35	24	58	31	-151	29	29	230.1	
281	14	33	20	2	3	30	20	35	25	31	45	-151	6	14	230.2	
281	14	33	30	2	3	30	30	35	26	4	55	-150	42	48	230.4	
281	14	33	40	2	3	30	40	35	26	38	3	-150	19	10	230.5	
281	14	33	50	2	3	30	50	35	27	11	6	-149	55	20	230.6	
281	14	34	0	2	3	31	0	35	27	44	7	-149	31	18	230.7	

Data [illegible]: 35.4
Orbit [illegible] 35
Ascending/Descending: A
Look Angle: 49.0
Incidence Angle: 51.4
Bits/sample: 3
Area: CANADA (26)
Site: -65 SQUINT

GMT				MET				Rev	---- DW Center ---- Geod Lat			Lon			Geod Alt (km)	SNR
D	H	M	S	D	H	M	S									
281	14	44	0	2	3	41	0	35	50	38	30	-106	33	37	237.0	
281	14	44	10	2	3	41	10	35	50	55	5	-105	37	52	237.0	-10
281	14	44	20	2	3	41	20	35	51	11	6	-104	41	30	237.1	
281	14	44	30	2	3	41	30	35	51	26	34	-103	44	30	237.1	
281	14	44	40	2	3	41	40	35	51	41	28	-102	46	53	237.2	- 1
281	14	44	50	2	3	41	50	35	51	55	48	-101	48	39	237.2	
281	14	45	0	2	3	42	0	35	52	9	35	-100	49	47	237.3	
281	14	45	10	2	3	42	10	35	52	22	47	- 99	50	19	237.3	
281	14	45	20	2	3	42	20	35	52	35	27	- 98	50	13	237.3	
281	14	45	30	2	3	42	30	35	52	47	32	- 97	49	29	237.3	
281	14	45	40	2	3	42	40	35	52	59	4	- 96	48	9	237.4	
281	14	45	50	2	3	42	50	35	53	10	2	- 95	46	11	237.4	
281	14	46	0	2	3	43	0	35	53	20	27	- 94	43	35	237.4	0
281	14	46	10	2	3	43	10	35	53	30	12	- 93	40	22	237.4	
281	14	46	20	2	3	43	20	35	53	39	18	- 92	36	50	237.4	
281	14	46	30	2	3	43	30	35	53	47	45	- 91	32	58	237.4	
281	14	46	40	2	3	43	40	35	53	55	32	- 90	28	48	237.4	
281	14	46	50	2	3	43	50	35	54	2	40	- 89	24	19	237.4	
281	14	47	0	2	3	44	0	35	54	9	8	- 88	19	31	237.4	
281	14	47	10	2	3	44	10	35	54	14	56	- 87	14	23	237.4	0
281	14	47	20	2	3	44	20	35	54	20	6	- 86	8	57	237.4	
281	14	47	30	2	3	44	30	35	54	24	35	- 85	3	12	237.4	
281	14	47	40	2	3	44	40	35	54	28	26	- 83	57	8	237.4	
281	14	47	50	2	3	44	50	35	54	31	37	- 82	50	45	237.4	
281	14	48	0	2	3	45	0	35	54	34	8	- 81	44	3	237.3	
281	14	48	10	2	3	45	10	35	54	35	56	- 80	37	48	237.3	
281	14	48	20	2	3	45	20	35	54	37	3	- 79	31	27	237.3	
281	14	48	30	2	3	45	30	35	54	37	29	- 78	25	0	237.2	
281	14	48	40	2	3	45	40	35	54	37	14	- 77	18	27	237.2	
281	14	48	50	2	3	45	50	35	54	36	19	- 76	11	48	237.2	
281	14	49	0	2	3	46	0	35	54	34	43	- 75	5	4	237.1	

Datatake: 108.8
Orbit: 108
Ascending/Descending: A
Look Angle: 19.1
Incidence Angle: 19.8
Bits/sample: 5
Area: SOUTH AMERICA
Site: RIO PICO

GMT				MET				Rev	DW Center Geod Lat	DW Center Geod Lon	Geod Alt (km)	SNR
D	H	M	S	D	H	M	S					
286	3	51	0	6	16	48	0	108	-47 58 31	- 77 28 28	233.3	
286	3	51	10	6	16	48	10	108	-47 34 17	- 76 43 54	233.1	
286	3	51	20	6	16	48	20	108	-47 10 4	- 75 59 20	233.0	
286	3	51	30	6	16	48	30	108	-46 45 50	- 75 14 46	232.8	
286	3	51	40	6	16	48	40	108	-46 21 37	- 74 30 13	232.7	
286	3	51	50	6	16	48	50	108	-45 57 23	- 73 45 39	232.5	
286	3	52	0	6	16	49	0	108	-45 33 9	- 73 1 5	232.4	

Dat[illegible]ke: 110.2
Ort[illegible] 110
Ascending/Descending: A
Look Angle: 21.1
Incidence Angle: 21.9
Bits/sample: 5
Area: N EUROPE
Site: ALT CROSS

GMT				MET					---- DW Center ----							Geod Alt	
D	H	M	S	D	H	M	S	Rev	Geod Lat				Lon			(km)	SNR
286	5	51	0	6	18	48	0	110	49	15	5	-	14	9	27	229.8	12
286	5	51	10	6	18	48	10	110	49	38	15	-	13	21	0	229.9	
286	5	51	20	6	18	48	20	110	50	0	57	-	12	31	44	230.0	
286	5	51	30	6	18	48	30	110	50	23	14	-	11	41	37	230.1	12
286	5	51	40	6	18	48	40	110	50	45	5	-	10	50	41	230.3	
286	5	51	50	6	18	48	50	110	51	6	29	-	9	58	55	230.4	
286	5	52	0	6	18	49	0	110	51	27	28	-	9	6	19	230.5	
286	5	52	10	6	18	49	10	110	51	48	0	-	8	12	53	230.6	12
286	5	52	20	6	18	49	20	110	52	8	6	-	7	18	37	230.7	
286	5	52	30	6	18	49	30	110	52	27	46	-	6	23	32	230.8	10
286	5	52	40	6	18	49	40	110	52	47	0	-	5	27	36	230.9	
286	5	52	50	6	18	49	50	110	53	5	48	-	4	30	51	231.0	
286	5	53	0	6	18	50	0	110	53	24	9	-	3	33	16	231.1	10

Dat[illegible]ke: 110.4
Orb[illegible] 110
Ascending/Descending: D
Look Angle: 50.1
Incidence Angle: 52.5
Bits/sample: 3
Area: INDONESIA
Site: KALIMANTAN

GMT				MET				Rev	DW Center Geod Lat			DW Center Geod Lon			Geod Alt (km)	SNR
D	H	M	S	D	H	M	S									
286	6	18	0	6	19	15	0	110	7	27	52	110	33	34	222.9	
286	6	18	10	6	19	15	10	110	6	53	39	110	53	14	222.9	
286	6	18	20	6	19	15	20	110	6	19	26	111	12	52	222.9	
286	6	18	30	6	19	15	30	110	5	45	12	111	32	30	222.9	
286	6	18	40	6	19	15	40	110	5	10	59	111	52	7	222.9	
286	6	18	50	6	19	15	50	110	4	36	46	112	11	43	222.9	
286	6	19	0	6	19	16	0	110	4	2	33	112	31	18	222.9	
286	6	19	10	6	19	16	10	110	3	28	20	112	50	52	222.9	
286	6	19	20	6	19	16	20	110	2	54	7	113	10	25	222.9	
286	6	19	30	6	19	16	30	110	2	19	54	113	29	57	223.0	
286	6	19	40	6	19	16	40	110	1	45	42	113	49	28	223.0	
286	6	19	50	6	19	16	50	110	1	11	29	114	8	59	223.0	
286	6	20	0	6	19	17	0	110	0	37	16	114	28	28	223.0	
286	6	20	10	6	19	17	10	110	0	3	6	114	48	2	223.1	
286	6	20	20	6	19	17	20	110	-0	31	4	115	7	37	223.1	
286	6	20	30	6	19	17	30	110	-1	5	13	115	27	12	223.1	
286	6	20	40	6	19	17	40	110	-1	39	22	115	46	48	223.2	
286	6	20	50	6	19	17	50	110	-2	13	30	116	6	25	223.2	
286	6	21	0	6	19	18	0	110	-2	47	38	116	26	2	223.2	

Datatake: 112.4
Orbit: 112
Ascending/Descending: D
Look Angle: 50.0
Incidence Angle: 52.4
Bits/sample: 3
Area: SAUDI ARABIA
Site: UBAR

GMT				MET				Rev	DW Center Geod Lat			DW Center Geod Lon			Geod Alt (km)	SNR
D	H	M	S	D	H	M	S									
286	9	9	0	6	22	6	0	112	27	19	1	45	56	56	225.9	0
286	9	9	10	6	22	6	10	112	26	47	35	46	23	2	225.7	
286	9	9	20	6	22	6	20	112	26	16	3	46	48	53	225.6	
286	9	9	30	6	22	6	30	112	25	44	24	47	14	30	225.5	0
286	9	9	40	6	22	6	40	112	25	12	40	47	39	53	225.4	
286	9	9	50	6	22	6	50	112	24	40	51	48	5	1	225.3	
286	9	10	0	6	22	7	0	112	24	8	55	48	29	54	225.2	0
286	9	10	10	6	22	7	10	112	23	36	54	48	54	34	225.0	
286	9	10	20	6	22	7	20	112	23	4	47	49	18	59	224.9	
286	9	10	30	6	22	7	30	112	22	32	34	49	43	9	224.8	
286	9	10	40	6	22	7	40	112	22	0	15	50	7	5	224.7	
286	9	10	50	6	22	7	50	112	21	27	51	50	30	47	224.6	
286	9	11	0	6	22	8	0	112	20	55	21	50	54	14	224.5	
286	9	11	10	6	22	8	10	112	20	22	48	51	17	35	224.4	0
286	9	11	20	6	22	8	20	112	19	50	10	51	40	43	224.3	
286	9	11	30	6	22	8	30	112	19	17	27	52	3	39	224.2	
286	9	11	40	6	22	8	40	112	18	44	39	52	26	22	224.1	0
286	9	11	50	6	22	8	50	112	18	11	46	52	48	54	224.0	
286	9	12	0	6	22	9	0	112	17	38	48	53	11	13	223.9	

Datat[illegible]e: 113.3
Orbi[illegible] 13
Ascending/Descending:
Look Angle: 41.0
Incidence Angle: 42.7
Bits/sample: 5
Area: AFRICA
Site: EGYPT-CART.

GMT				MET				Rev	----- DW Center ----- Geod Lat			Lon			Geod Alt (km)	SNR
D	H	M	S	D	H	M	S									
286	10	36	0	6	23	33	0	113	33	31	56	18	46	32	227.2	0
286	10	36	10	6	23	33	10	113	33	1	47	19	16	15	227.1	
286	10	36	20	6	23	33	20	113	32	31	31	19	45	37	227.0	0
286	10	36	30	6	23	33	30	113	32	1	6	20	14	40	226.8	2
286	10	36	40	6	23	33	40	113	31	30	34	20	43	23	226.7	1
286	10	36	50	6	23	33	50	113	30	59	54	21	11	46	226.6	1
286	10	37	0	6	23	34	0	113	30	29	6	21	39	49	226.5	
286	10	37	10	6	23	34	10	113	29	58	7	22	7	25	226.3	
286	10	37	20	6	23	34	20	113	29	27	1	22	34	44	226.2	0
286	10	37	30	6	23	34	30	113	28	55	49	23	1	46	226.1	
286	10	37	40	6	23	34	40	113	28	24	30	23	28	32	226.0	
286	10	37	50	6	23	34	50	113	27	53	5	23	55	0	225.8	
286	10	38	0	6	23	35	0	113	27	21	33	24	21	12	225.7	
286	10	38	10	6	23	35	10	113	26	49	54	24	47	8	225.6	
286	10	38	20	6	23	35	20	113	26	18	9	25	12	46	225.5	
286	10	38	30	6	23	35	30	113	25	46	18	25	38	8	225.4	
286	10	38	40	6	23	35	40	113	25	14	20	26	3	13	225.2	
286	10	38	50	6	23	35	50	113	24	42	15	26	28	1	225.1	
286	10	39	0	6	23	36	0	113	24	10	4	26	52	33	225.0	
286	10	39	10	6	23	36	10	113	23	37	48	27	16	51	224.9	1
286	10	39	20	6	23	36	20	113	23	5	27	27	40	56	224.8	0
286	10	39	30	6	23	36	30	113	22	33	1	28	4	51	224.7	
286	10	39	40	6	23	36	40	113	22	0	31	28	28	33	224.6	0
286	10	39	50	6	23	36	50	113	21	27	56	28	52	4	224.5	
286	10	40	0	6	23	37	0	113	20	55	17	29	15	23	224.4	
286	10	40	10	6	23	37	10	113	20	22	33	29	38	30	224.3	0
286	10	40	20	6	23	37	20	113	19	49	45	30	1	25	224.2	
286	10	40	30	6	23	37	30	113	19	16	52	30	24	8	224.1	0
286	10	40	40	6	23	37	40	113	18	43	54	30	46	40	224.0	
286	10	40	50	6	23	37	50	113	18	10	52	31	9	0	223.9	
286	10	41	0	6	23	38	0	113	17	37	46	31	31	8	223.8	
286	10	41	10	6	23	38	10	113	17	4	37	31	53	12	223.7	
286	10	41	20	6	23	38	20	113	16	31	25	32	15	6	223.7	
286	10	41	30	6	23	38	30	113	15	58	10	32	36	51	223.6	
286	10	41	40	6	23	38	40	113	15	24	50	32	58	26	223.5	
286	10	41	50	6	23	38	50	113	14	51	27	33	19	51	223.4	1
286	10	42	0	6	23	39	0	113	14	18	0	33	41	7	223.4	
286	10	42	10	6	23	39	10	113	13	44	32	34	2	20	223.3	
286	10	42	20	6	23	39	20	113	13	11	1	34	23	25	223.2	1
286	10	42	30	6	23	39	30	113	12	37	27	34	44	23	223.2	
286	10	42	40	6	23	39	40	113	12	3	49	35	5	13	223.1	3
286	10	42	50	6	23	39	50	113	11	30	9	35	25	55	223.1	
286	10	43	0	6	23	40	0	113	10	56	26	35	46	30	223.0	3

Datatake: 115.2
Orbit: 115
Ascending/Descending: A
Look Angle: 46.0
Incidence Angle: 48.1
Bits/sample: 5
Area: HAWAII
Site: HAWAII

GMT				MET					---- DW Center ----						Geod Alt	
									Geod							
D	H	M	S	D	H	M	S	Rev	Lat			Lon			(km)	SNR
286	13	5	0	7	2	2	0	115	16	29	45	-157	10	10	222.2	
286	13	5	10	7	2	2	10	115	17	2	58	-156	48	16	222.3	
286	13	5	20	7	2	2	20	115	17	36	7	-156	26	10	222.4	
286	13	5	30	7	2	2	30	115	18	9	11	-156	3	53	222.4	
286	13	5	40	7	2	2	40	115	18	42	11	-155	41	25	222.5	
286	13	5	50	7	2	2	50	115	19	15	6	-155	18	45	222.6	
286	13	6	0	7	2	3	0	115	19	47	57	-154	55	54	222.7	5
286	13	6	10	7	2	3	10	115	20	20	44	-154	32	52	222.8	
286	13	6	20	7	2	3	20	115	20	53	26	-154	9	38	222.9	
286	13	6	30	7	2	3	30	115	21	26	4	-153	46	13	223.1	
286	13	6	40	7	2	3	40	115	21	58	37	-153	22	37	223.2	0
286	13	6	50	7	2	3	50	115	22	31	6	-152	58	49	223.3	
286	13	7	0	7	2	4	0	115	23	3	30	-152	34	50	223.4	0
286	13	7	10	7	2	4	10	115	23	35	47	-152	10	32	223.5	
286	13	7	20	7	2	4	20	115	24	7	59	-151	46	1	223.6	
286	13	7	30	7	2	4	30	115	24	40	6	-151	21	17	223.7	
286	13	7	40	7	2	4	40	115	25	12	7	-150	56	19	223.9	
286	13	7	50	7	2	4	50	115	25	44	4	-150	31	7	224.0	0
286	13	8	0	7	2	5	0	115	26	15	55	-150	5	42	224.1	

Datatake: 115.4
Orbit: 115
Ascending/Descending: N
Look Angle: 48.0
Incidence Angle: 50.3
Bits/sample: 3
Area: SEATTLE
Site: STARE

GMT				MET					---- DW Center ----						Geod Alt	
									Geod							
D	H	M	S	D	H	M	S	Rev	Lat			Lon			(km)	SNR
286	13	15	0	7	2	12	0	115	45	50	40	-126	3	47	229.8	0
286	13	15	10	7	2	12	10	115	46	13	39	-125	18	22	229.9	
286	13	15	20	7	2	12	20	115	46	36	14	-124	32	15	230.1	
286	13	15	30	7	2	12	30	115	46	58	24	-123	45	26	230.2	
286	13	15	40	7	2	12	40	115	47	20	10	-122	57	54	230.3	
286	13	15	50	7	2	12	50	115	47	41	32	-122	9	40	230.4	
286	13	16	0	7	2	13	0	115	48	2	29	-121	20	44	230.5	
286	13	16	10	7	2	13	10	115	48	23	2	-120	31	6	230.6	0
286	13	16	20	7	2	13	20	115	48	43	11	-119	40	45	230.7	
286	13	16	30	7	2	13	30	115	49	2	56	-118	49	43	230.8	2
286	13	16	40	7	2	13	40	115	49	22	16	-117	57	58	230.9	
286	13	16	50	7	2	13	50	115	49	41	12	-117	5	31	231.0	
286	13	17	0	7	2	14	0	115	49	59	43	-116	12	21	231.1	
286	13	17	10	7	2	14	10	115	50	17	37	-115	18	28	231.2	0
286	13	17	20	7	2	14	20	115	50	35	2	-114	23	52	231.3	
286	13	17	30	7	2	14	30	115	50	51	58	-113	28	33	231.4	
286	13	17	40	7	2	14	40	115	51	8	26	-112	32	32	231.5	
286	13	17	50	7	2	14	50	115	51	24	26	-111	35	47	231.6	
286	13	18	0	7	2	15	0	115	51	39	58	-110	38	20	231.7	

Datat[illegible]: 115.8
Orbit[illegible]15
Ascending/Descending:
Look Angle: 35.0
Incidence Angle: 35.0
Bits/sample: 3
Area: AUSTRALIA
Site: WHEAT FIELDS

GMT				MET					---- DW Center ----						Geod Alt	
									Geod							
D	H	M	S	D	H	M	S	Rev	Lat			Lon			(km)	SNR
286	14	18	0	7	3	15	0	115	-36	12	19	144	45	26	228.3	
286	14	18	10	7	3	15	10	115	-35	41	34	145	15	34	228.1	
286	14	18	20	7	3	15	20	115	-35	10	43	145	45	22	227.9	1
286	14	18	30	7	3	15	30	115	-34	39	45	146	14	48	227.8	
286	14	18	40	7	3	15	40	115	-34	8	39	146	43	54	227.6	1
286	14	18	50	7	3	15	50	115	-33	37	26	147	12	38	227.4	
286	14	19	0	7	3	16	0	115	-33	6	6	147	41	2	227.3	1
286	14	19	10	7	3	16	10	115	-32	34	39	148	9	4	227.1	
286	14	19	20	7	3	16	20	115	-32	3	5	148	36	45	226.9	1
286	14	19	30	7	3	16	30	115	-31	31	23	149	4	6	226.8	2
286	14	19	40	7	3	16	40	115	-30	59	34	149	31	5	226.6	
286	14	19	50	7	3	16	50	115	-30	27	38	149	57	43	226.4	
286	14	20	0	7	3	17	0	115	-29	55	35	150	24	0	226.3	
286	14	20	10	7	3	17	10	115	-29	23	29	150	50	7	226.1	
286	14	20	20	7	3	17	20	115	-28	51	16	151	15	57	226.0	
286	14	20	30	7	3	17	30	115	-28	18	57	151	41	28	225.8	
286	14	20	40	7	3	17	40	115	-27	46	32	152	6	41	225.7	
286	14	20	50	7	3	17	50	115	-27	14	2	152	31	36	225.5	
286	14	21	0	7	3	18	0	115	-26	41	25	152	56	14	225.3	

Datatake: 116.2
Orbit: 116
Ascending/Descending:
Look Angle: 48.0
Incidence Angle: 48.0
Bits/sample: 3
Area: CHARLEVOIX
Site: CHARLEVOIX

GMT				MET				Rev	DW Center Geod Lat			DW Center Geod Lon			Geod Alt (km)	SNR
D	H	M	S	D	H	M	S									
286	14	56	0	7	3	53	0	116	49	47	28	- 76	6	4	231.4	2
286	14	56	10	7	3	53	10	116	49	28	45	- 75	13	50	231.3	
286	14	56	20	7	3	53	20	116	49	9	37	- 74	22	16	231.2	
286	14	56	30	7	3	53	30	116	48	50	5	- 73	31	24	231.1	
286	14	56	40	7	3	53	40	116	48	30	9	- 72	41	14	231.0	4
286	14	56	50	7	3	53	50	116	48	9	50	- 71	51	44	230.9	
286	14	57	0	7	3	54	0	116	47	49	6	- 71	2	56	230.8	
286	14	57	10	7	3	54	10	116	47	27	59	- 70	14	49	230.7	3
286	14	57	20	7	3	54	20	116	47	6	27	- 69	27	23	230.6	3
286	14	57	30	7	3	54	30	116	46	44	32	- 68	40	38	230.5	4
286	14	57	40	7	3	54	40	116	46	22	12	- 67	54	35	230.4	
286	14	57	50	7	3	54	50	116	45	59	29	- 67	9	13	230.3	4
286	14	58	0	7	3	55	0	116	45	36	22	- 66	24	32	230.2	
286	14	58	10	7	3	55	10	116	45	13	3	- 65	40	24	230.1	
286	14	58	20	7	3	55	20	116	44	49	24	- 64	56	55	230.0	0
286	14	58	30	7	3	55	30	116	44	25	24	- 64	14	5	229.9	
286	14	58	40	7	3	55	40	116	44	1	4	- 63	31	53	229.7	0
286	14	58	50	7	3	55	50	116	43	36	23	- 62	50	21	229.6	0
286	14	59	0	7	3	56	0	116	43	11	22	- 62	9	27	229.5	

Datat[illegible]: 116.4
Orbit[illegible]16
Ascending/Descending: S
Look Angle: 25.7
Incidence Angle: 26.7
Bits/sample: 5
Area: S OCEAN
Site: AGULHAS 360

GMT				MET				Rev	---- DW Center ---- Geod Lat	Lon	Geod Alt (km)	SNR
D	H	M	S	D	H	M	S					
286	15	23	0	7	4	20	0	116	-33 26 52	- 2 15 2	228.3	3
286	15	23	10	7	4	20	10	116	-33 57 54	- 1 46 16	228.5	
286	15	23	20	7	4	20	20	116	-34 28 47	- 1 17 4	228.6	
286	15	23	30	7	4	20	30	116	-34 59 30	- 0 47 27	228.8	
286	15	23	40	7	4	20	40	116	-35 30 5	- 0 17 25	229.0	3
286	15	23	50	7	4	20	50	116	-36 0 30	0 13 2	229.1	
286	15	24	0	7	4	21	0	116	-36 30 46	0 43 55	229.3	
286	15	24	10	7	4	21	10	116	-37 0 52	1 15 14	229.4	5
286	15	24	20	7	4	21	20	116	-37 30 50	1 46 57	229.6	
286	15	24	30	7	4	21	30	116	-38 0 38	2 19 7	229.8	
286	15	24	40	7	4	21	40	116	-38 30 17	2 51 41	229.9	6
286	15	24	50	7	4	21	50	116	-38 59 47	3 24 41	230.1	
286	15	25	0	7	4	22	0	116	-39 29 8	3 58 6	230.2	
286	15	25	10	7	4	22	10	116	-39 58 18	4 32 1	230.4	
286	15	25	20	7	4	22	20	116	-40 27 14	5 6 30	230.5	
286	15	25	30	7	4	22	30	116	-40 55 57	5 41 34	230.7	8
286	15	25	40	7	4	22	40	116	-41 24 27	6 17 11	230.8	
286	15	25	50	7	4	22	50	116	-41 52 43	6 53 24	231.0	
286	15	26	0	7	4	23	0	116	-42 20 46	7 30 11	231.2	
286	15	26	10	7	4	23	10	116	-42 48 35	8 7 32	231.3	
286	15	26	20	7	4	23	20	116	-43 16 10	8 45 27	231.5	8
286	15	26	30	7	4	23	30	116	-43 43 33	9 23 57	231.6	
286	15	26	40	7	4	23	40	116	-44 10 41	10 3 2	231.7	
286	15	26	50	7	4	23	50	116	-44 37 37	10 42 41	231.9	
286	15	27	0	7	4	24	0	116	-45 4 18	11 22 54	232.0	
286	15	27	10	7	4	24	10	116	-45 30 37	12 3 58	232.2	8
286	15	27	20	7	4	24	20	116	-45 56 40	12 45 42	232.3	
286	15	27	30	7	4	24	30	116	-46 22 27	13 28 5	232.5	
286	15	27	40	7	4	24	40	116	-46 47 57	14 11 7	232.6	
286	15	27	50	7	4	24	50	116	-47 13 12	14 54 48	232.7	
286	15	28	0	7	4	25	0	116	-47 38 10	15 39 9	232.9	0
286	15	28	10	7	4	25	10	116	-48 2 48	16 24 17	233.0	
286	15	28	20	7	4	25	20	116	-48 27 4	17 10 13	233.1	
286	15	28	30	7	4	25	30	116	-48 50 57	17 56 57	233.3	
286	15	28	40	7	4	25	40	116	-49 14 27	18 44 28	233.4	
286	15	28	50	7	4	25	50	116	-49 37 35	19 32 47	233.5	
286	15	29	0	7	4	26	0	116	-50 0 19	20 21 54	233.6	
286	15	29	10	7	4	26	10	116	-50 22 41	21 11 49	233.7	
286	15	29	20	7	4	26	20	116	-50 44 41	22 2 31	233.9	
286	15	29	30	7	4	26	30	116	-51 6 17	22 54 0	234.0	
286	15	29	40	7	4	26	40	116	-51 27 31	23 46 18	234.1	
286	15	29	50	7	4	26	50	116	-51 48 22	24 39 23	234.2	
286	15	30	0	7	4	27	0	116	-52 8 50	25 33 15	234.3	
286	15	30	10	7	4	27	10	116	-52 28 40	26 28 5	234.4	
286	15	30	20	7	4	27	20	116	-52 48 4	27 23 45	234.5	
286	15	30	30	7	4	27	30	116	-53 7 0	28 20 16	234.6	

GMT				MET					---- DW Center ----						Geod Alt	
D	H	M	S	D	H	M	S	Rev	Geod Lat			Lon			(km)	SNR
286	15	30	40	7	4	27	40	116	-53	25	30	29	17	37	234.7	
286	15	30	50	7	4	27	50	116	-53	43	32	30	15	48	234.8	
286	15	31	0	7	4	28	0	116	-54	1	7	31	14	50	234.9	
286	15	31	10	7	4	28	10	116	-54	18	0	32	14	42	234.9	
286	15	31	20	7	4	28	20	116	-54	34	22	33	15	23	235.0	
286	15	31	30	7	4	28	30	116	-54	50	12	34	16	55	235.1	
286	15	31	40	7	4	28	40	116	-55	5	30	35	19	17	235.2	
286	15	31	50	7	4	28	50	116	-55	20	17	36	22	29	235.2	
286	15	32	0	7	4	29	0	116	-55	34	33	37	26	32	235.3	

Data Tape: 116.6
Orbit: 116
Ascending/Descending: A
Look Angle: 57.0
Incidence Angle: 60.0
Bits/sample: 5
Area: AUSTRALIA
Site: WEIPA

GMT				MET				Rev	---- DW Center ---- Geod Lat			Lon			Geod Alt (km)	SNR
D	H	M	S	D	H	M	S									
286	15	53	0	7	4	50	0	116	-17	9	41	138	55	54	222.8	
286	15	53	10	7	4	50	10	116	-16	35	43	139	16	48	222.6	0
286	15	53	20	7	4	50	20	116	-16	1	43	139	37	36	222.5	0
286	15	53	30	7	4	50	30	116	-15	27	41	139	58	20	222.4	
286	15	53	40	7	4	50	40	116	-14	53	39	140	18	58	222.3	
286	15	53	50	7	4	50	50	116	-14	19	35	140	39	31	222.2	0
286	15	54	0	7	4	51	0	116	-13	45	30	140	59	58	222.1	
286	15	54	10	7	4	51	10	116	-13	11	24	141	20	20	222.0	
286	15	54	20	7	4	51	20	116	-12	37	16	141	40	37	222.0	0
286	15	54	30	7	4	51	30	116	-12	3	7	142	0	49	221.9	2
286	15	54	40	7	4	51	40	116	-11	28	57	142	20	56	221.8	1
286	15	54	50	7	4	51	50	116	-10	54	46	142	40	57	221.7	
286	15	55	0	7	4	52	0	116	-10	20	33	143	0	53	221.6	0
286	15	55	10	7	4	52	10	116	- 9	46	21	143	20	49	221.6	
286	15	55	20	7	4	52	20	116	- 9	12	8	143	40	42	221.5	
286	15	55	30	7	4	52	30	116	- 8	37	54	144	0	31	221.4	
286	15	55	40	7	4	52	40	116	- 8	3	40	144	20	16	221.4	0
286	15	55	50	7	4	52	50	116	- 7	29	24	144	39	58	221.3	
286	15	56	0	7	4	53	0	116	- 6	55	8	144	59	36	221.3	0

Datatape: 117.4
Orbit: 17
Ascending/Descending: S
Look Angle: 25.0
Incidence Angle: 26.0
Bits/sample: 4
Area: N ATLANTIC
Site: HURRICANE

GMT				MET					---- DW Center ----						Geod Alt	
									Geod							
D	H	M	S	D	H	M	S	Rev	Lat			Lon			(km)	SNR
286	16	31	0	7	5	28	0	117	35	33	14	- 72	13	25	227.0	8
286	16	31	10	7	5	28	10	117	35	3	16	- 71	42	39	226.9	10
286	16	31	20	7	5	28	20	117	34	33	9	- 71	12	15	226.8	
286	16	31	30	7	5	28	30	117	34	2	54	- 70	42	12	226.6	
286	16	31	40	7	5	28	40	117	33	32	31	- 70	12	31	226.5	8
286	16	31	50	7	5	28	50	117	33	2	0	- 69	43	12	226.4	
286	16	32	0	7	5	29	0	117	32	31	20	- 69	14	14	226.2	8
286	16	32	10	7	5	29	10	117	32	0	32	- 68	45	38	226.1	
286	16	32	20	7	5	29	20	117	31	29	36	- 68	17	23	226.0	0
286	16	32	30	7	5	29	30	117	30	58	32	- 67	49	30	225.8	
286	16	32	40	7	5	29	40	117	30	27	19	- 67	21	58	225.7	
286	16	32	50	7	5	29	50	117	29	55	58	- 66	54	48	225.6	
286	16	33	0	7	5	30	0	117	29	24	29	- 66	27	59	225.5	

Datatake: 118.2
Orbit: 118
Ascending/Descending: D
Look Angle: 53.0
Incidence Angle: 55.7
Bits/sample: 4
Area: US,CANADA
Site: SWIFT CURREN

GMT				MET					---- DW Center ----						Geod	
									Geod						Alt	
D	H	M	S	D	H	M	S	Rev	Lat			Lon			(km)	SNR
286	17	54	0	7	6	51	0	118	53	46	39	-115	55	52	231.1	3
286	17	54	10	7	6	51	10	118	53	25	8	-115	0	27	231.1	
286	17	54	20	7	6	51	20	118	53	3	14	-114	5	55	231.0	1
286	17	54	30	7	6	51	30	118	52	40	57	-113	12	17	230.9	
286	17	54	40	7	6	51	40	118	52	18	18	-112	19	31	230.8	0
286	17	54	50	7	6	51	50	118	51	55	15	-111	27	40	230.7	
286	17	55	0	7	6	52	0	118	51	31	50	-110	36	41	230.6	
286	17	55	10	7	6	52	10	118	51	8	1	-109	46	36	230.5	
286	17	55	20	7	6	52	20	118	50	43	50	-108	57	24	230.4	
286	17	55	30	7	6	52	30	118	50	19	16	-108	9	5	230.2	0
286	17	55	40	7	6	52	40	118	49	54	19	-107	21	40	230.1	
286	17	55	50	7	6	52	50	118	49	29	0	-106	35	8	230.0	
286	17	56	0	7	6	53	0	118	49	3	17	-105	49	29	229.9	
286	17	56	10	7	6	53	10	118	48	37	26	-105	4	25	229.8	
286	17	56	20	7	6	53	20	118	48	11	16	-104	20	9	229.7	
286	17	56	30	7	6	53	30	118	47	44	47	-103	36	41	229.6	
286	17	56	40	7	6	53	40	118	47	17	59	-102	54	1	229.4	
286	17	56	50	7	6	53	50	118	46	50	53	-102	12	8	229.3	
286	17	57	0	7	6	54	0	118	46	23	28	-101	31	4	229.2	

Date: 118.3
Orbit: 118
Ascending/Descending: D
Look Angle: 35.0
Incidence Angle: 36.4
Bits/sample: 5
Area: CARIBBEAN
Site: JAMAICA

GMT				MET				Rev	DW Center Geod Lat			DW Center Geod Lon			Geod Alt (km)	SNR
D	H	M	S	D	H	M	S									
286	18	4	0	7	7	1	0	118	23	50	37	- 81	37	40	223.9	1
286	18	4	10	7	7	1	10	118	23	17	34	- 81	14	24	223.8	
286	18	4	20	7	7	1	20	118	22	44	28	- 80	51	18	223.7	3
286	18	4	30	7	7	1	30	118	22	11	18	- 80	28	22	223.6	4
286	18	4	40	7	7	1	40	118	21	38	5	- 80	5	36	223.5	
286	18	4	50	7	7	1	50	118	21	4	48	- 79	43	1	223.4	0
286	18	5	0	7	7	2	0	118	20	31	28	- 79	20	36	223.4	
286	18	5	10	7	7	2	10	118	19	58	5	- 78	58	21	223.3	
286	18	5	20	7	7	2	20	118	19	24	39	- 78	36	16	223.2	1
286	18	5	30	7	7	2	30	118	18	51	9	- 78	14	22	223.1	
286	18	5	40	7	7	2	40	118	18	17	36	- 77	52	38	223.0	
286	18	5	50	7	7	2	50	118	17	43	59	- 77	31	4	222.9	5
286	18	6	0	7	7	3	0	118	17	10	19	- 77	9	41	222.9	1
286	18	6	10	7	7	3	10	118	16	36	37	- 76	48	25	222.8	
286	18	6	20	7	7	3	20	118	16	2	53	- 76	27	15	222.7	
286	18	6	30	7	7	3	30	118	15	29	7	- 76	6	12	222.6	
286	18	6	40	7	7	3	40	118	14	55	18	- 75	45	15	222.6	
286	18	6	50	7	7	3	50	118	14	21	28	- 75	24	24	222.5	
286	18	7	0	7	7	4	0	118	13	47	36	- 75	3	39	222.5	
286	18	7	10	7	7	4	10	118	13	13	42	- 74	43	1	222.4	
286	18	7	20	7	7	4	20	118	12	39	47	- 74	22	28	222.4	
286	18	7	30	7	7	4	30	118	12	5	49	- 74	2	2	222.3	
286	18	7	40	7	7	4	40	118	11	31	49	- 73	41	42	222.3	
286	18	7	50	7	7	4	50	118	10	57	47	- 73	21	29	222.2	
286	18	8	0	7	7	5	0	118	10	23	44	- 73	1	21	222.2	5
286	18	8	10	7	7	5	10	118	9	49	40	- 72	41	14	222.1	
286	18	8	20	7	7	5	20	118	9	15	35	- 72	21	11	222.1	
286	18	8	30	7	7	5	30	118	8	41	29	- 72	1	13	222.1	6
286	18	8	40	7	7	5	40	118	8	7	22	- 71	41	19	222.0	
286	18	8	50	7	7	5	50	118	7	33	13	- 71	21	29	222.0	4
286	18	9	0	7	7	6	0	118	6	59	3	- 71	1	44	222.0	
286	18	9	10	7	7	6	10	118	6	24	52	- 70	42	2	222.0	
286	18	9	20	7	7	6	20	118	5	50	41	- 70	22	20	222.0	3
286	18	9	30	7	7	6	30	118	5	16	29	- 70	2	40	222.0	
286	18	9	40	7	7	6	40	118	4	42	18	- 69	43	1	221.9	
286	18	9	50	7	7	6	50	118	4	8	6	- 69	23	24	221.9	5
286	18	10	0	7	7	7	0	118	3	33	54	- 69	3	47	221.9	
286	18	10	10	7	7	7	10	118	2	59	42	- 68	44	12	221.9	
286	18	10	20	7	7	7	20	118	2	25	30	- 68	24	38	222.0	
286	18	10	30	7	7	7	30	118	1	51	17	- 68	5	5	222.0	
286	18	10	40	7	7	7	40	118	1	17	4	- 67	45	34	222.0	6
286	18	10	50	7	7	7	50	118	0	42	51	- 67	26	3	222.0	
286	18	11	0	7	7	8	0	118	0	8	38	- 67	6	34	222.0	
286	18	11	10	7	7	8	10	118	- 0	25	32	- 66	47	0	222.0	
286	18	11	20	7	7	8	20	118	- 0	59	44	- 66	27	27	222.1	6
286	18	11	30	7	7	8	30	118	- 1	33	55	- 66	7	52	222.1	

GMT				MET				Rev	---- DW Center ---- Geod Lat	Lon	Geod Alt (km)	SNR
D	H	M	S	D	H	M	S					
286	18	11	40	7	7	8	40	118	- 2 8 5	- 65 48 18	222.1	
286	18	11	50	7	7	8	50	118	- 2 42 15	- 65 28 43	222.2	
286	18	12	0	7	7	9	0	118	- 3 16 25	- 65 9 8	222.2	
286	18	12	10	7	7	9	10	118	- 3 50 33	- 64 49 27	222.3	5
286	18	12	20	7	7	9	20	118	- 4 24 40	- 64 29 44	222.3	
286	18	12	30	7	7	9	30	118	- 4 58 46	- 64 9 59	222.4	
286	18	12	40	7	7	9	40	118	- 5 32 51	- 63 50 12	222.4	
286	18	12	50	7	7	9	50	118	- 6 6 55	- 63 30 23	222.5	
286	18	13	0	7	7	10	0	118	- 6 40 58	- 63 10 32	222.5	

Dat[illegible]ke: 118.5
Orb[illegible] 118
Ascending/Descending: S
Look Angle: 50.0
Incidence Angle: 52.5
Bits/sample: 4
Area: S OCEAN
Site: S OCEAN

GMT				MET					---- DW Center ----						Geod Alt	
									Geod Lat			Lon			(km)	SNR
D	H	M	S	D	H	M	S	Rev								
286	18	31	0	7	7	28	0	118	-58	44	27	0	7	18	235.6	
286	18	31	10	7	7	28	10	118	-58	53	41	1	5	55	235.6	
286	18	31	20	7	7	28	20	118	-59	2	9	2	19	33	235.7	
286	18	31	30	7	7	28	30	118	-59	9	53	3	33	34	235.7	
286	18	31	40	7	7	28	40	118	-59	16	50	4	47	58	235.7	
286	18	31	50	7	7	28	50	118	-59	23	3	6	2	46	235.7	
286	18	32	0	7	7	29	0	118	-59	28	30	7	17	57	235.8	
286	18	32	10	7	7	29	10	118	-59	33	12	8	33	32	235.8	
286	18	32	20	7	7	29	20	118	-59	37	8	9	49	30	235.8	0
286	18	32	30	7	7	29	30	118	-59	40	20	11	5	51	235.8	
286	18	32	40	7	7	29	40	118	-59	42	45	12	22	36	235.8	
286	18	32	50	7	7	29	50	118	-59	44	26	13	39	44	235.8	
286	18	33	0	7	7	30	0	118	-59	45	21	14	57	16	235.8	
286	18	33	10	7	7	30	10	118	-59	45	25	16	14	1	235.8	
286	18	33	20	7	7	30	20	118	-59	44	43	17	30	49	235.8	0
286	18	33	30	7	7	30	30	118	-59	43	14	18	47	40	235.7	
286	18	33	40	7	7	30	40	118	-59	40	59	20	4	35	235.7	
286	18	33	50	7	7	30	50	118	-59	37	56	21	21	33	235.7	
286	18	34	0	7	7	31	0	118	-59	34	7	22	38	35	235.7	0
286	18	34	10	7	7	31	10	118	-59	29	33	23	54	27	235.7	
286	18	34	20	7	7	31	20	118	-59	24	13	25	10	2	235.6	
286	18	34	30	7	7	31	30	118	-59	18	7	26	25	19	235.6	
286	18	34	40	7	7	31	40	118	-59	11	15	27	40	18	235.5	
286	18	34	50	7	7	31	50	118	-59	3	36	28	55	0	235.5	0
286	18	35	0	7	7	32	0	118	-58	55	12	30	9	25	235.4	

Data take: 118.6
Orbit: 118
Ascending/Descending: A
Look Angle: 50.0
Incidence Angle: 52.3
Bits/sample: 3
Area: INDONESIA
Site: SUMATERA

GMT				MET				Rev	DW Center Geod Lat			Lon			Geod Alt (km)	SNR
D	H	M	S	D	H	M	S									
286	18	54	0	7	7	51	0	118	- 5	37	16	99	40	7	221.0	
286	18	54	10	7	7	51	10	118	- 5	3	1	99	59	42	221.0	
286	18	54	20	7	7	51	20	118	- 4	28	46	100	19	17	221.0	
286	18	54	30	7	7	51	30	118	- 3	54	32	100	38	52	220.9	
286	18	54	40	7	7	51	40	118	- 3	20	18	100	58	27	220.9	
286	18	54	50	7	7	51	50	118	- 2	46	5	101	18	2	220.8	
286	18	55	0	7	7	52	0	118	- 2	11	51	101	37	36	220.8	
286	18	55	10	7	7	52	10	118	- 1	37	38	101	57	11	220.8	
286	18	55	20	7	7	52	20	118	- 1	3	26	102	16	45	220.8	
286	18	55	30	7	7	52	30	118	- 0	29	14	102	36	20	220.8	
286	18	55	40	7	7	52	40	119	0	4	57	102	55	54	220.7	
286	18	55	50	7	7	52	50	119	0	39	9	103	15	28	220.7	
286	18	56	0	7	7	53	0	119	1	13	20	103	35	2	220.7	

Datalake: 119.6
Orbit: 119
Ascending/Descending: D
Look Angle: 52.0
Incidence Angle: 54.6
Bits/sample: 3
Area: SOUTH AMERICA
Site: PIE de PALO

GMT				MET				Rev	---- DW Center ---- Geod Lat	Lon	Geod Alt (km)	SNR
D	H	M	S	D	H	M	S					
286	19	48	0	7	8	45	0	119	-26 15 53	- 70 51 55	226.9	0
286	19	48	10	7	8	45	10	119	-26 47 25	- 70 25 59	227.1	
286	19	48	20	7	8	45	20	119	-27 18 48	- 69 59 45	227.2	0
286	19	48	30	7	8	45	30	119	-27 50 4	- 69 33 12	227.4	0
286	19	48	40	7	8	45	40	119	-28 21 13	- 69 6 19	227.5	
286	19	48	50	7	8	45	50	119	-28 52 13	- 68 39 7	227.7	
286	19	49	0	7	8	46	0	119	-29 23 6	- 68 11 37	227.8	
286	19	49	10	7	8	46	10	119	-29 53 50	- 67 43 47	228.0	
286	19	49	20	7	8	46	20	119	-30 24 27	- 67 15 37	228.1	
286	19	49	30	7	8	46	30	119	-30 54 57	- 66 47 9	228.3	1
286	19	49	40	7	8	46	40	119	-31 25 18	- 66 18 22	228.5	
286	19	49	50	7	8	46	50	119	-31 55 32	- 65 49 15	228.6	1
286	19	50	0	7	8	47	0	119	-32 25 38	- 65 19 50	228.8	

Satellite: [illegible] 2
Series: LD
Rev: 120
Asc/Dsc: A
Attitude: [illegible]
AC Mode: [illegible]
Look: 26.0
Inc: 27.6
Curve: 51
Bits/sample: 4
Mode: MULTIPLE ANGLE
Area: ASIA
Calibrator: OFF

Ht Alt: 229.1 km
Alt: 221.8 km
Lo Alt: 219.1 km
D Alt: 10.0 km
Swath (UdB): 45 km
Swath (LdB): 50 km
Swath (DRL): 24 km
SNR (DRL,center): 18
SNR (DRL,edge): 16
Gain: 69
PRF: 1560
DUP: 36
STC: OFF

Quality: 0
Roll: 180.0
Pitch: 0.0
Yaw: 0.0
An (Antenna angle): 26
CA (Commanded Angle): 26
Hot Change: 0
BB: 0.0
Cal Level: 3

(Actual)

GMT D	GMT H	GMT M	GMT S	MET D	MET H	MET M	MET S	Rev	Beam Center Geod Lat	Beam Center Lon	DW Center Geod Lat	DW Center Lon	Delta * Center (km)	Geod Alt (km)	SNR
286	20	29	0	7	9	26	0	120	17 0 24	86 26 16	17 0 31	86 28 3	0.4	221.3	3
286	20	29	10	7	9	26	10	120	17 34 3	86 49 38	17 34 7	86 49 31	0.2	221.4	3
286	20	29	20	7	9	26	20	120	18 7 39	87 11 10	18 7 40	87 11 9	0.0	221.5	4
286	20	29	30	7	9	26	30	120	18 41 12	87 32 53	18 41 9	87 32 58	-0.2	221.5	6
286	20	29	40	7	9	26	40	120	19 14 42	87 54 46	19 14 35	87 54 57	-0.4	221.6	
286	20	29	50	7	9	26	50	120	19 48 8	88 16 49	19 47 57	88 17 6	-0.6	221.7	
286	20	30	0	7	9	27	0	120	20 21 30	88 39 2	20 21 16	88 39 26	-0.9	221.8	5
286	20	30	10	7	9	27	10	120	20 54 50	89 1 25	20 54 31	89 1 56	-1.1	221.9	
286	20	30	20	7	9	27	20	120	21 28 6	89 23 59	21 27 43	89 24 37	-1.4	222.0	4
286	20	30	30	7	9	27	30	120	22 1 18	89 46 42	22 0 51	89 47 28	-1.6	222.1	
286	20	30	40	7	9	27	40	120	22 34 28	90 9 36	22 33 56	90 10 29	-1.9	222.2	7
286	20	30	50	7	9	27	50	120	23 7 34	90 32 40	23 6 57	90 33 41	-2.2	222.3	5
286	20	31	0	7	9	28	0	120	23 40 36	90 55 54	23 39 55	90 57 3	-2.5	222.4	
286	20	31	10	7	9	28	10	120	24 13 35	91 19 20	24 12 49	91 20 36	-2.8	222.5	3
286	20	31	20	7	9	28	20	120	24 46 28	91 43 1	24 45 37	91 44 25	-3.1	222.7	
286	20	31	30	7	9	28	30	120	25 19 17	92 6 57	25 18 20	92 8 30	-3.4	222.8	3
286	20	31	40	7	9	28	40	120	25 52 0	92 31 9	25 50 58	92 32 50	-3.7	222.9	8
286	20	31	50	7	9	28	50	120	26 24 38	92 55 35	26 23 30	92 57 26	-4.0	223.0	
286	20	32	0	7	9	29	0	120	26 57 11	93 20 17	26 55 57	93 22 18	-4.4	223.1	6
286	20	32	10	7	9	29	10	120	27 29 39	93 45 14	27 28 18	93 47 24	-4.7	223.3	
286	20	32	20	7	9	29	20	120	28 2 1	94 10 26	28 0 34	94 12 47	-5.1	223.4	7
286	20	32	30	7	9	29	30	120	28 34 19	94 35 53	28 32 44	94 38 25	-5.5	223.5	
286	20	32	40	7	9	29	40	120	29 6 31	95 1 36	29 4 49	95 4 19	-5.9	223.6	6
286	20	32	50	7	9	29	50	120	29 38 38	95 27 33	29 36 49	95 30 28	-6.4	223.8	
286	20	33	0	7	9	30	0	120	30 10 40	95 53 46	30 8 43	95 56 53	-6.8	223.9	
286	20	33	10	7	9	30	10	120	30 42 33	96 20 25	30 40 28	96 23 42	-7.2	224.0	
286	20	33	20	7	9	30	20	120	31 14 20	96 47 21	31 12 7	96 50 50	-7.6	224.2	5
286	20	33	30	7	9	30	30	120	31 46 0	97 14 36	31 43 40	97 18 19	-8.0	224.3	
286	20	33	40	7	9	30	40	120	32 17 34	97 42 9	32 15 7	97 45 59	-8.4	224.4	6
286	20	33	50	7	9	30	50	120	32 49 2	98 10 1	32 46 27	98 14 1	-8.8	224.6	
286	20	34	0	7	9	31	0	120	33 20 24	98 38 10	33 17 41	98 42 21	-9.3	224.7	4
286	20	34	10	7	9	31	10	120	33 51 39	99 6 40	33 48 48	99 11 2	-9.7	224.9	
286	20	34	20	7	9	31	20	120	34 22 44	99 35 35	34 19 45	99 40 9	-10.1	225.0	5
286	20	34	30	7	9	31	30	120	34 53 48	100 4 56	34 50 33	100 9 41	-10.6	225.1	9
286	20	34	40	7	9	31	40	120	35 24 27	100 34 42	35 21 11	100 39 39	-11.0	225.3	
286	20	34	50	7	9	31	50	120	35 55 5	101 4 54	35 51 41	101 10 2	-11.5	225.4	2
286	20	35	0	7	9	32	0	120	36 25 34	101 35 31	36 22 1	101 40 51	-11.9	225.6	5
286	20	35	10	7	9	32	10	120	36 55 54	102 6 33	36 52 11	102 12 5	-12.4	225.7	

GMT				MET					---- Beam Center ----			---- DW Center ----			Delta *	Geod	
									Geod			Geod			Center	Alt	
D	H	M	S	D	H	M	S	Rev	Lat	Lon		Lat	Lon		(km)	(km)	SNR
285	20	35	20	7	9	32	20	120	37 26 4	102 38 1		37 22 12	102 43 45		-12.8	225.8	
285	20	35	30	7	9	32	30	120	37 56 6	103 9 54		37 52 4	103 15 50		-13.3	226.0	4
285	20	35	40	7	9	32	40	120	38 25 58	103 42 13		38 21 47	103 48 21		-13.8	226.1	4
285	20	35	50	7	9	32	50	120	38 55 41	104 14 58		38 51 20	104 21 18		-14.3	226.3	
285	20	36	0	7	9	33	0	120	39 25 15	104 48 7		39 20 44	104 54 39		-14.7	226.4	
285	20	36	10	7	9	33	10	120	39 54 33	105 21 57		39 49 51	105 28 42		-15.3	226.6	1
285	20	36	20	7	9	33	20	120	40 23 40	105 56 17		40 18 47	106 3 15		-15.8	226.7	2
285	20	36	30	7	9	33	30	120	40 52 36	106 31 7		40 47 32	106 38 18		-16.3	226.8	
285	20	36	40	7	9	33	40	120	41 21 21	107 6 27		41 16 5	107 13 51		-16.9	227.0	1
285	20	36	50	7	9	33	50	120	41 49 55	107 42 16		41 44 27	107 49 54		-17.4	227.1	
285	20	37	0	7	9	34	0	120	42 18 18	108 18 35		42 12 37	108 26 27		-18.0	227.3	1
285	20	37	10	7	9	34	10	120	42 46 22	108 55 40		42 40 29	109 3 44		-18.5	227.4	
285	20	37	20	7	9	34	20	120	43 14 13	109 33 19		43 8 9	109 41 35		-19.0	227.6	0
285	20	37	30	7	9	34	30	120	43 41 50	110 11 33		43 35 34	110 20 0		-19.5	227.7	0
285	20	37	40	7	9	34	40	120	44 9 15	110 50 22		44 2 47	110 59 0		-20.0	227.8	0
285	20	37	50	7	9	34	50	120	44 36 25	111 29 45		44 29 46	111 38 33		-20.5	228.0	0
285	20	38	0	7	9	35	0	120	45 3 23	112 9 42		44 56 32	112 18 41		-21.0	228.1	0

Investigator	Site
INHOFF	BANGLADESH
SZUSZCZEWI	INDIA
HEAD	GANGES

* Delta center > 0: DW center is north of beam center,
  Delta center < 0: DW center is south of beam center