Bergvesenet

Postboks 3021, N-7441 Trondheim

Rapportarkivet

Bergvesenet rapport nr	Intern Journal nr	Internt arkiv nr	Rapport lokalisering	Gradering
BV 4635		Rapportarkivet		
Kommer fra ..arkiv	**Ekstern rapport nr**	**Oversendt fra**	**Fortrolig pga**	**Fortrolig fra dato:**
		Løkken Verk		

Tittel

Dighem II Survey of Løkken area for Orkla Industrier as by Dighem Limited
Helicopter survey, Archive Data Tapes - list of content., Dighem fligth log

Forfatter	Dato År	Bedrift (Oppdragsgiver og/eller oppdragstaker)
Dvorrak. Z	16.04 1982	Orkla Industrier Løkken verk Dighem Limited

Kommune	Fylke	Bergdistrikt	1: 50 000 kartblad	1: 250 000 kartblad
Meldal	Sør-Trøndelag		15213 15212 14212	

Fagområde	Dokument type	Forekomster (forekomst, gruvefelt, undersøkelsesfelt)
Geofysikk		Løkken

Råstoffgruppe	Rastofftype
Malm/metall	Cu Zn

Sammendrag, innholdsfortegnelse eller innholdsbeskrivelse

Enclosure letter to a packkage of a tube containeing 23 transparent maps and fligth path mosaics, a box containing 35 rolls of 35 mm film and 13 digital magnetic tapes.

Se rapport med kart BV ~~4607~~ 4637

Notat BjL 01.02.2000:
Vi kan sette inn en CD plate med dataene her når NGU har convertert magnetrullene til annet tilgjengelig format og lagt de inn på CD.

Dighem Limited

P.O. BOX 178, SUITE 7010, 1 FIRST CANADIAN PLACE
TORONTO, ONTARIO, CANADA M5X 1C7
TEL.: (416) 862-7568 TELEX: GEOPHYSICS TOR 06-219566

AUSTRALIA
110 PACIFIC HIGHWAY
4TH FLOOR
NORTH SYDNEY, N.S.W. 2060
TEL.: (02) 922-5133
TELEX: SECCO AA25468

July 14, 1982

Mr. G. Grammelvedt
Orkla Industrier A/S
N-7332 Lokken Verk
Norway

Dear Mr. Grammelvedt:

Enclosed please find our acknowledgement form for your signature and the rest of the material relating to the survey in the Lokken area, Norway.

The items listed in the acknowledgement form have been packaged in one tube containing 36 transparent maps and flight path mosaics, and a box containing 35 rolls of 35 mm film and 13 digital magnetic tapes.

Yours very truly,
DIGHEM LIMITED

Z. Dvorak
Vice-President

encl.
Job No. 702
A SK-5(let6)

Dighem Limited

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ACKNOWLEDGEMENT OF

RECEIPT OF DATA

The undersigned hereby acknowledges receipt of the following information from Dighem Limited, which constitutes part of the information which is to be supplied under the survey agreement dated July 17, 1982.

Transparent EM maps	9
Transparent resistivity maps	9
Transparent magnetic maps	9
Transparent enhanced magnetic maps	9
Flight path mosaic with recovered points	all lines
Flight logs	all lines
35 mm flight path film	35 rolls
Digital magnetic tape	13 reels

_____
ORKLA INDUSTRIER A/S

Date: _____

Job No. 702
A SK-5(let7)

Dighem Limited

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Transparent resistivity maps	9
Transparent magnetic maps	9
Transparent enhanced magnetic maps	9
Flight path mosaic with recovered points	all lines
Flight logs	all lines
35 mm flight path film	35 rolls
Digital magnetic tape	13 reels

_____
ORKLA INDUSTRIER A/S

Date: _____

Job No. 702
A SK-5(let7)

DIGHEM LIMITED

ARCHIVE DATA TAPE - TYPE 1

I. MAGNETIC TAPE STRUCTURE Job No. 702

Tape Name (external) DIG177

Files	Description (area, block, lines)	Number of Tape Blocks
1	SH9	13970
2	SH1 (partial)	9167
3		
4		
5		
6		

Data Control Parameters

Recording - 9-track
Density - 1600 bpi (phase encoded)
Label - no label (NL) or unlabelled processing
Character Code - ASCII
Block Size - 800 characters

The logical record length cannot be defined because, as described in the Geophysical Data Format following, a record is all the data for 1 parameter for 1 line.

Sample IBM Job Control

```
//GO.FTO2F001  DD DSN = INPUT, UNIT = 9TR1600,

VOL = SER = DIGH99, DISP = OLD, LABEL = (03,NL,IN),

DCB = (RECFM = FB, BLKSIZE = 800, DEN = 3)
```

DIGHEM LIMITED

ARCHIVE DATA TAPE - TYPE 1

I. MAGNETIC TAPE STRUCTURE Job No. 702

Tape Name (external) DIG179

Files	Description (area, block, lines)	Number of Tape Blocks
1	SH1 (remainder)	2339
2	SH2	14982
3		
4		
5		
6		

Data Control Parameters

Recording - 9-track
Density - 1600 bpi (phase encoded)
Label - no label (NL) or unlabelled processing
Character Code - ASCII
Block Size - 800 characters

The logical record length cannot be defined because, as described in the Geophysical Data Format following, a record is all the data for 1 parameter for 1 line.

Sample IBM Job Control

```
//GO.FTO2F001  DD DSN = INPUT, UNIT = 9TR1600,

VOL = SER = DIGH99, DISP = OLD, LABEL = (03,NL,IN),

DCB = (RECFM = FB, BLKSIZE = 800, DEN = 3)
```

DIGHEM LIMITED

ARCHIVE DATA TAPE - TYPE 1

I. MAGNETIC TAPE STRUCTURE Job No. 702

Tape Name (external) DIG139

Files	Description (area, block, lines)	Number of Tape Blocks
1	SH3 (partial)	23198
2		
3		
4		
5		
6		

Data Control Parameters

Recording - 9-track
Density - 1600 bpi (phase encoded)
Label - no label (NL) or unlabelled processing
Character Code - ASCII
Block Size - 800 characters

The logical record length cannot be defined because, as described in the Geophysical Data Format following, a record is all the data for 1 parameter for 1 line.

Sample IBM Job Control

```
//GO.FTO2F001  DD DSN = INPUT, UNIT = 9TR1600,

VOL = SER = DIGH99, DISP = OLD, LABEL = (03,NL,IN),

DCB = (RECFM = FB, BLKSIZE = 800, DEN = 3)
```

DIGHEM LIMITED

ARCHIVE DATA TAPE - TYPE 1

I. MAGNETIC TAPE STRUCTURE Job No. 702

Tape Name (external) DIGH35

Files	Description (area, block, lines)	Number of Tape Blocks
1	SH3 (remainder)	6414
2	SH4 (partial)	16764
3		
4		
5		
6		

Data Control Parameters

Recording - 9-track
Density - 1600 bpi (phase encoded)
Label - no label (NL) or unlabelled processing
Character Code - ASCII
Block Size - 800 characters

The logical record length cannot be defined because, as described in the Geophysical Data Format following, a record is all the data for 1 parameter for 1 line.

Sample IBM Job Control

```
//GO.FTO2F001  DD DSN = INPUT, UNIT = 9TR1600,

VOL = SER = DIGH99, DISP = OLD, LABEL = (03,NL,IN),

DCB = (RECFM = FB, BLKSIZE = 800, DEN = 3)
```

DIGHEM LIMITED

ARCHIVE DATA TAPE - TYPE 1

I. MAGNETIC TAPE STRUCTURE Job No. 702

Tape Name (external) DIG710

Files	Description (area, block, lines)	Number of Tape Blocks
1	SH4 (remainder)	12848
2		
3		
4		
5		
6		

Data Control Parameters

Recording - 9-track
Density - 1600 bpi (phase encoded)
Label - no label (NL) or unlabelled processing
Character Code - ASCII
Block Size - 800 characters

The logical record length cannot be defined because, as described in the Geophysical Data Format following, a record is all the data for 1 parameter for 1 line.

Sample IBM Job Control

```
//GO.FTO2F001  DD DSN = INPUT, UNIT = 9TR1600,

VOL = SER = DIGH99, DISP = OLD, LABEL = (03,NL,IN),

DCB = (RECFM = FB, BLKSIZE = 800, DEN = 3)
```

DIGHEM LIMITED

ARCHIVE DATA TAPE - TYPE 1

I. MAGNETIC TAPE STRUCTURE Job No. 702

Tape Name (external) DIG178

Files	Description (area, block, lines)	Number of Tape Blocks
1	230	484
2	SH5 (partial)	22437
3		
4		
5		
6		

Data Control Parameters

Recording - 9-track
Density - 1600 bpi (phase encoded)
Label - no label (NL) or unlabelled processing
Character Code - ASCII
Block Size - 800 characters

The logical record length cannot be defined because, as described in the Geophysical Data Format following, a record is all the data for 1 parameter for 1 line.

Sample IBM Job Control

```
//GO.FTO2F001  DD DSN = INPUT, UNIT = 9TR1600,

VOL = SER = DIGH99, DISP = OLD, LABEL = (03,NL,IN),

DCB = (RECFM = FB, BLKSIZE = 800, DEN = 3)
```

DIGHEM LIMITED

ARCHIVE DATA TAPE - TYPE 1

I. MAGNETIC TAPE STRUCTURE Job No. 702

Tape Name (external) DIG162

Files	Description (area, block, lines)	Number of Tape Blocks
1	SH5 (partial)	23113
2		
3		
4		
5		
6		

Data Control Parameters

Recording - 9-track
Density - 1600 bpi (phase encoded)
Label - no label (NL) or unlabelled processing
Character Code - ASCII
Block Size - 800 characters

The logical record length cannot be defined because, as described in the Geophysical Data Format following, a record is all the data for 1 parameter for 1 line.

Sample IBM Job Control

```
//GO.FTO2F001  DD DSN = INPUT, UNIT = 9TR1600,

VOL = SER = DIGH99, DISP = OLD, LABEL = (03,NL,IN),

DCB = (RECFM = FB, BLKSIZE = 800, DEN = 3)
```

DIGHEM LIMITED

ARCHIVE DATA TAPE - TYPE 1

I. MAGNETIC TAPE STRUCTURE Job No. 702

Tape Name (external) DIGH23

Files	Description (area, block, lines)	Number of Tape Blocks
1	SH5 (remainder)	6502
2	SH6 (partial)	16708
3		
4		
5		
6		

Data Control Parameters

Recording - 9-track
Density - 1600 bpi (phase encoded)
Label - no label (NL) or unlabelled processing
Character Code - ASCII
Block Size - 800 characters

The logical record length cannot be defined because, as described in the Geophysical Data Format following, a record is all the data for 1 parameter for 1 line.

Sample IBM Job Control

```
//GO.FTO2F001  DD DSN = INPUT, UNIT = 9TR1600,

VOL = SER = DIGH99, DISP = OLD, LABEL = (03,NL,IN),

DCB = (RECFM = FB, BLKSIZE = 800, DEN = 3)
```

DIGHEM LIMITED

ARCHIVE DATA TAPE - TYPE 1

I. MAGNETIC TAPE STRUCTURE Job No. 702

Tape Name (external) DIG165

Files	Description (area, block, lines)	Number of Tape Blocks
1	SH6 (partial)	23106
2		
3		
4		
5		
6		

Data Control Parameters

Recording - 9-track
Density - 1600 bpi (phase encoded)
Label - no label (NL) or unlabelled processing
Character Code - ASCII
Block Size - 800 characters

The logical record length cannot be defined because, as described in the Geophysical Data Format following, a record is all the data for 1 parameter for 1 line.

Sample IBM Job Control

```
//GO.FTO2F001  DD DSN = INPUT, UNIT = 9TR1600,

VOL = SER = DIGH99, DISP = OLD, LABEL = (03,NL,IN),

DCB = (RECFM = FB, BLKSIZE = 800, DEN = 3)
```

DIGHEM LIMITED

ARCHIVE DATA TAPE - TYPE 1

I. MAGNETIC TAPE STRUCTURE Job No. 702

Tape Name (external) DIG166

Files	Description (area, block, lines)	Number of Tape Blocks
1	SH6 (remainder)	12238
2		
3		
4		
5		
6		

Data Control Parameters

Recording - 9-track
Density - 1600 bpi (phase encoded)
Label - no label (NL) or unlabelled processing
Character Code - ASCII
Block Size - 800 characters

The logical record length cannot be defined because, as described in the Geophysical Data Format following, a record is all the data for 1 parameter for 1 line.

Sample IBM Job Control

```
//GO.FTO2F001  DD DSN = INPUT, UNIT = 9TR1600,

VOL = SER = DIGH99, DISP = OLD, LABEL = (03,NL,IN),

DCB = (RECFM = FB, BLKSIZE = 800, DEN = 3)
```

DIGHEM LIMITED

ARCHIVE DATA TAPE - TYPE 1

I. MAGNETIC TAPE STRUCTURE Job No. 702

Tape Name (external) DIG180

Files	Description (area, block, lines)	Number of Tape Blocks
1	SH7 (partial)	22883
2		
3		
4		
5		
6		

Data Control Parameters

Recording - 9-track
Density - 1600 bpi (phase encoded)
Label - no label (NL) or unlabelled processing
Character Code - ASCII
Block Size - 800 characters

The logical record length cannot be defined because, as described in the Geophysical Data Format following, a record is all the data for 1 parameter for 1 line.

Sample IBM Job Control

```
//GO.FTO2F001  DD DSN = INPUT, UNIT = 9TR1600,

VOL = SER = DIGH99, DISP = OLD, LABEL = (03,NL,IN),

DCB = (RECFM = FB, BLKSIZE = 800, DEN = 3)
```

DIGHEM LIMITED

ARCHIVE DATA TAPE - TYPE 1

I. MAGNETIC TAPE STRUCTURE Job No. 702

Tape Name (external) DIG174

Files	Description (area, block, lines)	Number of Tape Blocks
1	SH7 (remainder)	4353
2	SH8 (partial)	18727
3		
4		
5		
6		

Data Control Parameters

Recording - 9-track
Density - 1600 bpi (phase encoded)
Label - no label (NL) or unlabelled processing
Character Code - ASCII
Block Size - 800 characters

The logical record length cannot be defined because, as described in the Geophysical Data Format following, a record is all the data for 1 parameter for 1 line.

Sample IBM Job Control

```
//GO.FTO2F001  DD DSN = INPUT, UNIT = 9TR1600,

VOL = SER = DIGH99, DISP = OLD, LABEL = (03,NL,IN),

DCB = (RECFM = FB, BLKSIZE = 800, DEN = 3)
```

DIGHEM LIMITED

ARCHIVE DATA TAPE - TYPE 1

I. MAGNETIC TAPE STRUCTURE Job No. 702

Tape Name (external) DL0103

Files	Description (area, block, lines)	Number of Tape Blocks
1	SH8 (remainder)	8509
2		
3		
4		
5		
6		

Data Control Parameters

Recording - 9-track
Density - 1600 bpi (phase encoded)
Label - no label (NL) or unlabelled processing
Character Code - ASCII
Block Size - 800 characters

The logical record length cannot be defined because, as described in the Geophysical Data Format following, a record is all the data for 1 parameter for 1 line.

Sample IBM Job Control

```
//GO.FTO2F001  DD DSN = INPUT, UNIT = 9TR1600,

VOL = SER = DIGH99, DISP = OLD, LABEL = (03,NL,IN),

DCB = (RECFM = FB, BLKSIZE = 800, DEN = 3)
```

II. GEOPHYSICAL DATA FORMAT

Magnetic tape file logical data organization is as follows:

1. PARAMETER DATA

Physical Block 1 - Parameter header and data values

Characters	Format		Description
1 - 8	I8	header	Flight number , NFLT.
9 - 16	I8		Number of lines, NLINES.
17 - 24	I8		Line number, NLINE, flagged negative if line flown right to left across map.
25 - 32	I8		Number of data points, N.
33 - 40	I8		Parameter number, NFILE in order as per Appendix A.
41 - 800	95I8		Data values, 1-95 for above parameter.

Number of parameter data blocks for a line, (NBLKS) following the above block, calculated as: NBLKS = (N+4)/100

Physical Block 2 - Parameter data values

Characters	Format	Description
1 - 800	100I8	Data values 96-195 for above parameter.

Physical Block 3, etc. - Data values 196-295, etc.

Repeat block 3 until parameter data value N has been reached. (Depending on the number of data points, N, for a line, the last data values for a block may be dummied).

Repeat blocks 1, 2, 3, etc., until data for all parameters has been found for the line, NLINE. Only the parameter number and data values will change for each parameter.

Repeat blocks 1, 2, 3, etc., until data for all parameters and all lines have been found.

2. PARAMETER CONTROL (located at end of data)

Physical Block END* minus NPARS** plus 1 - Parameter number 2 (x-coordinate) control

Characters	Format		Description
1 - 8	I8	header	Not used
9 - 16	I8		Not used
17 - 24	I8		Flag, -9999
25 - 32	I8		Number of control values, 4
33 - 40	I8		Parameter number, NFILE = 2
41 - 48	I8		Lower right mosaic x-coordinate (inches *100)
49 - 56	I8		Minimum x-coordinate (inches *100)
57 - 64	I8		Maximum x-coordinate (inches *100)
65 - 72	I8		Profile x-scale (i.e., 15840 is 1 inch to 1/4 mile)
73 - 80	I8		Upper left mosaic x-coordinate (inches *100)
81 - 800	90I8		Not used

*END is total number of blocks on tape file.
**NPARS is number of parameters as per Appendix A.

Physical Block END minus NPARS plus 2 - Parameter number 3 (y-coordinate) control

As per x-coordinate control above except parameter number is 3 and y-coordinate controls are given.

Physical Block END minus NPARS plus 3 - Parameter number, NFILE control

Characters	Format		Description
1- 8	I8	header	Not used
9- 16	I8		Not used
17- 24	I8		Flag, -9999
25- 32	I8		Number of control values, normally 28
33- 40	I8		Parameter number, NFILE
41- 48	I8	contour control	0.1* base level
49- 56	I8		Contour level 1
57- 64	I8		Contour level 2
65- 72	I8		Contour level 3
73- 80	I8		Contour level 4
81- 88	I8		Contour label divisor
89- 96	I8		Lowest permissible contour
97-104	I8		Highest permissible contour
105-112	I8		Teeth (Yes or No, 1 or 0)
113-120	I8		Data multiplier (for contouring or profiling)
121-192	9I8		Dummy
193-200	I8	profile control for axis	Y-reference (in mm)
201-208	I8		Y-reference (digital units)
209-216	I8		Sensitivity (in units/mm)
217-224	I8		Minimum plotting value (in mm)
225-232	I8		Maximum plotting value (in mm)
233-240	I8		Plot to saturation (flag = 0 as for EM) or recycle (flag = 1 as for MAG)
241-800	70I8		Dummy

Repeat above block for all remaining parameters.
(Tape end-of-file will be reached after the controlling data for last parameter is found.)

Note: Contour label divisor for NFILE = 40 is set at 8888. This requests contour label recomputing as follows:

$$\text{Label (new)} = \exp^{(\text{label}/3474)}$$

APPENDIX A

GEOPHYSICAL PARAMETER DESCRIPTION — NPARS = 22

PARAMETER	Description	Name	Storage Units
2	x-coordinate of map	X	(inches *100)
3	y-coordinate of map	Y	(inches *100)
20	Magnetics (levelled)	MAG	(gammas-base)
21	Bird height	ALT	(feet*10)
22	Coaxial inphase	CXI	(ppm*10)
23	Coaxial quadrature	CXQ	(ppm*10)
24	Coplanar (horizontal) inphase	CPI	(ppm*10)
25	Coplanar (horizontal) quadrature	CPQ	(ppm*10)
28	Coaxial sferics	CXS	(ppm*10)
29	Coplanar (horizontal) sferics	CPS	(ppm*10)
30	Magnetics (enhanced)	MAGE	(gammas-base)*0.1
33	Difference inphase	DIFI	(ppm*10)
34	Difference quadrature	DIFQ	(ppm*10)
35	Anomaly recognition function 1	REC1	(ppm*10)
36	Anomaly recognition function 2	REC2	(ppm*10)
37	Conductance	SIGT	(mhos)
40	Resistivity (primary frequency)	RES	(ohm-m)
41	Apparent depth (primary frequency)	DP	(m*10-10000)
42	Conductivity contrast	CC	(mho/m^2)
43	Depth contrast	DC	
44	Multiplication 42*43	CCDC	
50	Magnetite weight %	FEO%	(%*100)

Notes:

1. The value -15500 flags invalid data at a point. If either parameter number 2 (x-coordinate) or the given parameter is -15500, the data point for the parameter is to be ignored. An exception to this occurs in the conductance parameter 37. A value of -15500 embedded in an array of zeros identifies an 'x-type' response.
2. Fiducial locations have been identified by adding 20,000 to parameter number 2 (x-coordinate).
3. Parameter number 20 (MAG) and 30 (MAGE) have been offset by subtracting a base value of 55,000 gammas.
4. The resistivity, RES values are given in logarithmic form. For a given stored value V, the resistivity is:

$$\text{ohm-m} = \exp^{(V/3474)}$$

5. The conductivity contrast, CC are also given in logarithmic form. For a given value V, the conductivity contrast is:

$$\text{mho/m}_2 = \exp^{(V/347.4)}$$

APPENDIX B

SAMPLE FORTRAN PROGRAM TO READ ARCHIVE DATA TAPE

```
C
C...  USER DEFINES :  IUNIT - INPUT TAPE UNIT NUMBER
C...                  NPARS - NUMBER OF PARAMETERS (see Appendix A NPARS=?)
C
C
      INTEGER*4 IBUFF(100), CHART(3000)
      DATA INCRE/0/
C
C...  READ PHYSICAL BLOCK 1 - PARAMETER HEADER AND DATA VALUES
100   READ (IUNIT, 110) (IBUFF(I),I=1,100)
110   FORMAT (100I8)
      NFLT   = IBUFF(1)
      NLINES = IBUFF(2)
      NLINE  = IBUFF(3)
      N      = IBUFF(4)
      NFILES = IBUFF(5)
      NBLKS  = (N+4)/100
C
C...  CALCULATE 'INO' - TOTAL LINE PARAMETERS
      INO = NPARS*NLINES
C
      DO 200 I = 1,95
200   CHART(I) = IBUFF(I+5)
C
C...  READ PHYSICAL BLOCKS 2,3,ETC. - PARAMETER DATA VALUES
      IF (NBLKS.EQ.0) GO TO 500
      DO 400 J = 1,NRECS
      READ (IUNIT, 110) (IBUFF(I),I=1,100)
      DO 300 I = 1,100
300   CHART((J-1*100+95+I) = IBUFF(I)
400   CONTINUE
C
C...  PROCESS PARAMETER 'NFILES' FOR LINE 'NLINE'
500   ETC.
      .
C
C...  CHECK IF ALL PARAMETER DATA READ FOR ALL LINES
      INCRE = INCRE + 1
      IF (INCRE.LT.INO) GO TO 100
C
C...  READ PARAMETER CONTROL BLOCKS
      DO 800 I = 1,NPARS
      READ (IUNIT, 110) (IBUFF(I),I=1,100)
      ETC.
      .
800   CONTINUE
      END
```

DIGHEM LOG

BASE 720

Line No.	Direction Flown	Fidutial Counter Start	Fidutial Counter Finish	Camera Counter Start	Camera Counter Finish	End of Line Time	REMARKS
	* LOW FREQ BIRD *						Sheet No. / Flight No. / Date: Aug. 18/81 / Camera F Stop: F-8 / Cam. Mode:
	JOB # D-702 A						Tx. Freqs: 945 cx 907 cp
	Lokken Norway				START	9:20	COIL / GAIN / ΦFE / ΦSKY / RES.
	Flt. 1				END	10:44	$T_1 R_1$ 8.59 6.04 — 140
							$T_2 R_2$ 6.45 5.48 — 250
	ALTIMETER TAPE CAL. & IND.						
	150' —	153 mv	— 155'	IND			Ferrite Grd. Check after Flt.
	300' —	301 mv	— 300'	IND.			$T_1 R_1$ Quad Off – 1½ mm
	450' —	449 mv	— 450'	IND			$T_2 R_2$ Quad Off – 3½ mm
				ADD CALLS			
297	S	38	71	0		9:28	
296	N	78	104	+3		9:40	
295	S	110	139	+7		9:51	~~LAST FID ...~~
2950 part	S	149	156	+10		9:58	partial refly
294	N	161	187	+13		10:08	
293	S	191	216	+16		10:18	LAST FID = 211 ...
930 part	S	227	232	+16		10:23	partial refly
292	N	237	261	+18		10:33	
291	S	266	291	+19		10:44	

DIGHEM LOG

BASE 5070

Line No.	Direction Flown	Fidutial Start	Fidutial Finish	Camera Counter Start	Camera Counter Finish	End of Line Time
	JOB # D 702-A					
	Lokken Norway				START	12:15
	Flt. 2				END	14:10
	ALTIMETER TAPE CAL. & IND					
	150' - 159 mv - 155' IND					
	300' - 306 mv - 300' IND.					
	450' - 450 mv - 450 IND					
				ADD VALUE		
290	S	313	340	-10		12:24
289	N	346	374	-14		12:36
288	S	378	398	-18		12:45
2880	S	408	423	-22		12:53
287	N	426	451	-25		13:03
286	S	454	478	-24		13:14
285	N	482	508	-24		13:24
284	S	512	531*	-24		13:32
2840	S	538	550	-24		13:39
283	N	553	579	-27		13:48
282	S	583	609	-30		14:00
281	N	612	637	-40		14:10

REMARKS

Sheet No. 6

Date: Aug. 18/81

Flight No. 2

Camera F Stop: 5.2 Cam. Mode: Frame

Tx Freqs: 945 cx 907 cp

COIL	GAIN	ΦFE	ΦSKY	RES
T1 R1	8.59	6.17	—	140
T2 R2	6.45	5.59	—	25

Ferrite Grd. Check after Flt.

T1 R1 Quad Off - ½ mm

T2 R2 Quad Off - 1 mm

partial ~~line~~ refly

partial ~~line~~ refly

* END ON PID 527 partial ~~line~~ refly

DIGHEM LOG

BASE

Line No.	Direction Flown	Fidutial Start	Fidutial Finish	Camera Counter Start	Camera Counter Finish	End of Line Time
	* LOW FREQ BIRD *					
	JOB # 702					
					START	13:35
					END	15:22
	ALTIMETER TAPE CAL. & IND					
	150' - 153 mv - 150'			IND		
	300' - 309 mv - 300'			IND.		
	450' - 451 mv - 450'			IND		
				ADD VARIAN		
280	S	660	682	-22		13:52
2800	N	699	710*	-23 34		13:56
279	S	725	756	-35		14:14
278	N	760	789	-39		14:27
277	S	793	825	-43		14:40
1770	N	830	838	-46		14:45
276	N	848	882	-50		15:01
275	S	887	897	-54		15:06
175	S	907	936	-61		15:22

REMARKS

Date: AUG 21 /81

Sheet No. 10

Flight No. 5

Camera F Stop: F8 Cam. Mode: FRAME

Tx Freqs: Cx 947Hz, Cp 908 Hz

COIL	GAIN	ϕFE	ϕSKY	RES
T1 R1	8.59	6.18	—	140
T2 R2	6.45	5.64	—	250

Ferrite Grd. Check after Flt.

T1 R1 Quad Off - 0 mm

T2 R2 Quad Off - 0 mm

PARTIAL - REFLY

PARTIAL - REFLY

SCRAPPED - NAVIGATION 2 Fid on

DIGHEM LOG

CASE 702

Line No.	Direction Flown	Fidutial Start	Fidutial Finish	Camera Counter Start	Camera Counter Finish	End of Line Time
* LOW FREQ BIRD *						
	JOB # 702					
					START	17:46
					END	18:46
	ALTIMETER	TAPE CAL. & IND				
	150' -	150 mv	- 150'	IND		
	300' -	298 mv	- 300'	IND.		
	450' -	451 mv	- 450'	IND		
				ADD VALUE		
274	S	949	978	—	-28	17:57
273	N	981	1010	+1	-5	18:08
272	S	1014	1042	+2	-102	18:19
271	N	1047	1075	+2	-102	18:32
270	S	1079	1110	+3	-75	18:46

REMARKS
Date: AUG 21/81

Sheet No. 11
Flight No. 7

Camera F Stop: F-8 Cam. Mode: FRAME

Tx Freqs: Cx 947 Hz, Cp 908 Hz

COIL	GAIN	ϕFE	ϕSKY	RES
T1 R1	8.59	6.10	—	140
T2 R2	6.45	5.55	—	250

Ferrite Grd. Check after Flt.

T1 R1 Quad Off - NO mm.

T2 R2 Quad Off - CHECK mm

DIGHEM LOG

BASE 5C720

Line No.	Direction Flown	Fidutial Counter Start	Fidutial Counter Finish	Camera Counter Start	Camera Counter Finish	End of Line Time	REMARKS
	Low Frq. Bird						Sheet No. 13 · Date: Aug. 22/81 · Flight No. 8
	JOB # D-702						Camera F Stop: F.8 Cam. Mode: Frame
	Lokken	Norway					Tx Freqs: 947 cx 907 cp
					START	14:58	
					END	16:27	
	ALTIMETER	TAPE CAL. & IND					
	150' -	149 mv	- 150'	IND			Ferrite Grd. Check after Flt.
	300' -	301 mv	- 300'	IND.			$T_1 R_1$ Quad Off - ½ mm
	450' -	449 mv	- 450'	IND			$T_2 R_2$ Quad Off - 2½ mm
				ADD VALUE			
269	S	1129	1135	-5		15:01	Scrapped navigation
269	S	1144	1171	-7		15:15	
268	N	1176	1189	-10		15:30	Scrapped navigation
268	N	1208	1244	-13		15:43	
267	S	1248	1278	-15		15:57	
266	N	1285	1321	-18		16:13	
264	S	1328	1356	-20		16:27	

COIL	GAIN	ΦFE	ΦSKY	RES
$T_1 R_1$	8.59	6.14	—	25
$T_2 R_2$	6.45	5.56	—	25

14:46 16:40

DIGHEM LOG

BASE SC720

Line No.	Direction Flown	Fidutial Start	Fidutial Finish	Camera Counter Start	Camera Counter Finish	End of Line Time	REMARKS
	Low Frq. Bird						Date: Aug 29 81
	JOB # D-702						Camera F Stop: F 8 Cam. Mode: Frame
	Flt: 11				START	11:16	Tx Freqs: 947 cx 907 cp
	Lokken Norway				END	12:36	

COIL	GAIN	ϕFE	ϕSKY	RES
T1 R1	8.59	6.14	—	25
T2 R2	6.45	5.56	—	25

ALTIMETER	TAPE CAL. & IND	
150' -	149 mv	- 150 ' IND
300' -	301 mv	- 300 ' IND.
450' -	447 mv	- 450 ' IND

Ferrite Grd. Check after Flt.

T1 R1 Quad Off - 1/4 mm

T2 R2 Quad Off - 0 mm

				ADD CALLE			
~~265~~	S	1376	1385				~~Scrapped navigation~~
265	S	1394	1424	-23		11:33	
263	N	1429	1464	-20		11:47	
262	S	1467	1495	-19		11:58	
261	N	1499	1533	-16		12:13	
260	S	1542	1572	-15		12:30	
~~259~~	N	1576	1593			12:36	~~Scrapped low cloud~~

11:01 12:46

DIGHEM LOG

Line No.	Direction Flown	Fidutial Start	Fidutial Finish	Camera Counter Start	Camera Counter Finish	End of Line Time
	LOW FREQ BIRD					
	JOB # D- 702					
	Lokken	Norway			START	9:52
	Flt 12				END	10:41
	ALTIMETER TAPE CAL. & IND					
	150' -	152 mv	- 150'	IND		
	300' -	294 mv	- 300'	IND.		
	450' -	446 mv	- 450'	IND		
				ADD VALUE		
259	N	1638	1670	-24		10:04
258	S	1676	1706	-23		10:18
2580	S	1714	1721	-22		10:24
257	N	1726	1757	-20		10:37
~~256~~	~~S~~	~~1762~~	~~1769~~	~~-21~~		~~10:41~~

REMARKS

Date: Aug. 28/81

Sheet No. 17

Flight No. 12

Camera F Stop: F-8 Cam. Mode: Frame

Tx Freqs: 945 cx 907 cp

COIL	GAIN	ϕFE	ϕSKY	RES.
T1 R1	8.59	6.04	—	250
T2 R2	6.45	5.43	—	250

Ferrite Grd. Check after Flt.

T1 R1 Quad Off - 2 mm

T2 R2 Quad Off - 2½ mm

partial refly

~~scrapped~~

DIGHEM LOG

BASE [illegible]

Line No.	Direction Flown	Fidutial Start	Fidutial Finish	Camera Counter Start	Camera Counter Finish	End of Line Time
	LOW FREQ BIRD					
	JOB # D- 702					
	Lokken Norway				START	11:37
	Flt. 13				END	13:46
	ALTIMETER TAPE CAL. & IND					
	150' - 143 mv - 150'			IND		
	300' - 298 mv - 300'			IND.		
	450' - 442 mv - 450'			IND		
				HDD NADIR		
256	S	1790	1822	-28		11:48
255	N	1826	1857	-29		12:01
254	S	1861	1889	-28		12:14
253	N	1893	1927	-26		12:28
252	S	1931	1964	-30		12:41
251	N	1968	1999	-34		12:53
250	S	2002	2037	-37		13:06
249	N	2042	2072	-37		13:20
248	S	2075	2106	-36		13:32
247	N	2110	2143	-32		13:46

REMARKS

Sheet No. 18

Date: Aug. 28/81

Flight No. 13

Camera F Stop: F-8 Cam. Mode: Frame

Tx Freqs:

COIL	GAIN	ϕFE	ϕSKY	RES
T1 R1	8.59	6.1	—	25
T2 R2	6.45	5.5	—	25

Ferrite Grd. Check after Flt.

T1 R1 Quad Off - 1 mm

T2 R2 Quad Off - 2 1/4 mm

DIGHEM LOG

BASE 5920

Line No.	Direction Flown	Fidutial Start	Fidutial Finish	Camera Counter Start	Camera Counter Finish	End of Line Time
	Low Frq. Bird					
	JOB # D-702					
	Lokken	Norway			START	15:01
	Flt	14			END	16:46
	ALTIMETER TAPE CAL. & IND.					
	150' -	149 mv	- 150'	IND		
	300' -	301 mv	- 300'	IND.		
	450' -	451 mv	- 450'	IND		
~~232~~	S	~~2167~~	~~2183~~			15:07
~~231~~	N					
~~231~~	N	~~2196~~	~~2209~~			~~15:16~~
~~231~~	S	~~2216~~	~~2232~~			~~15:25~~
230	N	2256	2273	-43		15:39
229	S	2278	2292	-45		
2290	N	2296	2304	-47-51		15:51
228	N	2312	2328	-51-57		16:00
227	S	2333	2347	-59-65		16:07
226	N	2350	2365	-65-73		16:14
225	S	2370	2385	-73-79		16:21
~~224~~	N	~~2389~~	~~2396~~			~~16:25~~
224	N	2402	2419	-83-93		16:32
223	S	2424	2439	-93-104		16:39
222	N	2442	2460	-104-113		16:46

REMARKS — Sheet No. 19

Date: Aug. 28 81 — Flight No. 14

Camera F Stop: F-8 Cam. Mode: Frame

Tx Freqs: 996 cx 907 cp

COIL	GAIN	ϕFE	ϕSKY	RES.
T1 R1	8.59	6.18	—	250
T2 R2	6.45	5.60	—	25

Ferrite Grd. Check after Flt.

T1 R1 Quad Off - 0 mm

T2 R2 Quad Off - 0 mm

~~scrapped~~ - NOT ON TAPE!

~~scrapped~~ navigation

~~scrapped~~ navigation

partial

partial

~~scrapped~~ navigation

NOTE: THIS FLT. ALL PARTIAL LINES!

DIGHEM LOG

BASE [illegible]720

Line No.	Direction Flown	Fidutial Start	Fidutial Finish	Camera Counter Start	Camera Counter Finish	End of Line Time
Low Frq. Bird						
	JOB # D-	702				
	Lokken	Norway			START	11:59
	Flt.	15			END	14:06
	ALTIMETER	TAPE CAL. & IND.				
	150' -	153 mv	- 150 '	IND		
	300' -	303 mv	- 300 '	IND.		
	450' -	449 mv	- 450 '	IND		
				actual		
221	S	2488	2507	[illegible]		12:05
220	N	2510	2529	-33		12:12
219	S	2533	2551	-32		12:20
218	N	2554	2572	-36		12:27
217	S	2577	2594	-35		12:34
216	N	2598	2621	-35-36		12:43
215	S	2625	2645	-31		12:51
214	N	2656	2678	-33		13:04
213	S	2682	~~2695~~	2700		13:13
212	N	2705	2725	-32		13:24
211	S	2729	2747	-30		13:32
210	N	2753	2773	-32		13:43
209	S	2778	2798	-5 -32		13:51
2090	S	2806	2815	-3 -43		13:58
208	N	2818	2840	-43-40		14:06

REMARKS

Sheet No. 21

Date: Aug. 29/81

Flight No. 15

Camera F Stop: F. 8 Cam. Mode: Frame

Tx Freqs: 996 cx 907 cp

COIL	GAIN	ΦFE	ΦSKY	RES
T1 R1	8.59	6.0	—	25
T2 R2	6.45	5.48	—	25

Ferrite Grd. Check after Flt.

T1 R1 Quad Off - 2 ½ mm

T2 R2 Quad Off - 2 ½ mm

*

partial

partial

DIGHEM LOG

BASE STATION

Line No.	Direction Flown	Fidutial Start	Fidutial Finish	Camera Counter Start	Camera Counter Finish	End of Line Time	REMARKS
	Low Frq. Bird						Date: Aug. 29/81
	Job # D- 702						Camera F Stop: F-8 Cam. Mode: Frame
	Lokken Norway				START	14:12	Tx Freqs: 947 cx 908 cp
	Flt. 16				END	18:09	

COIL	GAIN	ϕFE	ϕSKY	RES
T1 R1	8.59	6.04	—	25
T2 R2	6.45	5.58	—	25

ALTIMETER TAPE CAL. & IND.			
150' -	150 mv	- 150'	IND
300' -	302 mv	- 300'	IND.
450' -	454 mv	- 450'	IND

Ferrite Grd. Check after Flt.

T1 R1 Quad Off - 3 mm

T2 R2 Quad Off - 1½ mm

Sheet No. 22

Flight No. 16

Line No.	Direction Flown	Fidutial Start	Fidutial Finish	Camera Counter Start	Camera Counter Finish	End of Line Time	REMARKS
207	S	2860	2881			16:20	partial
2070	S	2888	2896			16:25	partial
206	N	2900	2922			14:35	
205	S	2927	2949			16:45	
204	N	2952	2973			16:53	
203	S	2977	2997			17:02	
202	N	3001	3023			17:11	
201	S	3030	3050			17:23	
200	N	3054	3077			17:33	
199	S	3080	3099			17:41	
198	N	3104	3127			17:50	
~~197~~	S	~~3132~~	~~3150~~			~~17:59~~	~~SCRAPPED OFF SET ON CX~~
~~196~~	N	~~3156~~	~~3178~~			~~18:09~~	~~SCRAPPED~~

DIGHEM LOG

BASE STATION

Line No.	Direction Flown	Fidutial Start	Fidutial Finish	Camera Counter Start	Camera Counter Finish	End of Line Time
Low Frq. Bird						
	JOB # D-702					
	Lakken Norway				START	9:30
	Flt. 17				END	11:32
	ALTIMETER TAPE CAL. & IND.					
	150' - 153 mv - 150'			IND		
	300' - 301 mv - 300'			IND.		
	450' - 443 mv - 450'			IND		
				PEBBLE		
246	S	3202	3234	[illegible]	+3	9:41
245	N	3240	3272	[illegible]		9:54
244	S	3277	3309	-5		10:07
243	N	3313	3343	"		10:19
242	S	3347	3379	"		10:33
241	N	3384	3415	-3		10:45
240	S	3418	3450	-7		10:58
239	N	3456	3485	-9		11:10
238	S	3489	3517	-11		11:22
237	N	3520	3551	-12		11:32

REMARKS

Date: Sept 2/81

Sheet No. 24

Flight No. 17

Camera F Stop: F-8 Cam. Mode: Frame

Tx Freqs: Cx 947 Hz Cp 908 Hz

COIL	GAIN	ϕFE	ϕSKY	RES
T1 R1	8.59	6.12	—	250
T2 R2	6.45	5.51	—	250

Ferrite Grd. Check after Flt.

T1 R1 Quad Off - 1 mm

T2 R2 Quad Off - 2 mm

DIGHEM LOG

BASE [illegible]

Line No.	Direction Flown	Fidutial Start	Fidutial Finish	Camera Counter Start	Camera Counter Finish	End of Line Time
	* LOW FREQ BIRD *					
	Tx # 702					
					START	12:55
					END	14:38
	ALTIMETER	TAPE CAL. & IND.				
	150' -	153 mv	- 150'	IND		
	300' -	304 mv	- 300'	IND.		
	450' -	449 mv	- 450'	IND		
				ADD VALUE		
236	S	3576	3607	-44		13:05
235	N	3612	3647	-44		13:19
234	S	3651	3683	-44		13:33
233	N	3687	3719	-44		13:47
232	S	3724	3757	-49		14:00
231	N	3767	3800	-57		14:17
230	N	3817	3830	-61		14:30
2300	N	3837	3854	-66		14:38

REMARKS

Sheet No. 25

Date: SEPT. 2/81

Flight No. 18

Camera F Stop: F8 Cam. Mode: FRAME

Tx Freqs: Cx 947 Hz, Cp 908 Hz

COIL	GAIN	ϕFE	ϕSKY	RE
$T_1 R_1$	8.59	6.04	—	250
$T_2 R_2$	6.45	5.56	—	250

Ferrite Grd. Check after Flt.

$T_1 R_1$ Quad Off - mm

$T_2 R_2$ Quad Off - mm

PARTIAL

PARTIAL

DIGHEM LOG

Line No.	Direction Flown	Fidutial Start	Fidutial Finish	Camera Counter Start	Camera Counter Finish	End of Line Time
Low Frq. Bird						
	JOB # D- 702					
	Lokken Norway				START	15:45
	Flt. 19				END	17:14
	ALTIMETER	TAPE CAL.	IND			
	150' -	149 mv	- 150' IND			
	300' -	301 mv	- 300' IND.			
	450' -	449 mv	- 450' IND			
				ADD VALUE		
~~229~~	S	3869	3882			
229	S	3891	3912	-47		15:59
228	N	3915	3938	-45		16:08
227	S	3942	3962	-43		16:16
226	N	3966	3985	-43		16:24
225	S	3990	4010	-42		16:32
224	N	4013	4032	-42		16:40
223	S	4044	4062	-43		16:52
222	N	4065	4082	-52		16:59
221	S	4086	4101	-55		17:07
220	N	4104	4123	-56		17:19

REMARKS

Sheet No. 26

Date: Sept. 21 81

Flight No. 19

Camera F Stop: F 8 Cam. Mode: Frame

Tx Freqs: 947 cx 908 cp

COIL	GAIN	ϕFE	ϕSKY	RES
T1 R1	8.59	—	6.04	25
T2 R2	6.45	—	5.56	25

Ferrite Grd. Check after Flt.

T1 R1 Quad Off - — mm

T2 R2 Quad Off - 2½ mm

scrapped Navigation

DIGHEM LOG

BASE [illegible]

Line No.	Direction Flown	Fidutial Start	Fidutial Finish	Camera Counter Start	Camera Counter Finish	End of Line Time
Low Frq. Bird						
	Job # D-702					
	Lokken Norway				START	14:49
	Flt. 21				END	16:19
	ALTIMETER TAPE CAL. & IND.					
	150' - 153 mv - 150' IND					
	300' - 309 mv - 300' IND.					
	450' - 449 mv - 450' IND					
219	S	4148	4166	-22		14:56
218	N	4170	4185	-23		15:02
217	S	4189	4204	-24		15:09
216	N	4207	4221	-25		15:15
215	S	4224	4237	-26		15:20
214	N	4246	4260	-26		15:28
213	S	4264	4278	-26		15:35
212	N	4281	4296	-27		15:40
211	S	4306	4322	-28		15:50
210	N	4328	4340	-29		15:59
209	S	4344	~~4356~~	4360	30	16:03
208	N	4363	4377	-31		16:09
~~207~~	S	~~4381~~	~~4386~~			~~16:12~~
207	S	4393	4405	-32		16:19

REMARKS

Date: Sept. 3/81

Sheet No. 28

Flight No. 21

Camera F Stop: Frame Cam. Mode: F-8

Tx Freqs: 947 cx 908 cp.

COIL	GAIN	ΦFE	ΦSKY	RES
T1 R1	8.59	6.16	—	25
T2 R2	6.45	5.60	—	25

Ferrite Grd. Check after Flt.

T1 R1 Quad Off - 0 mm

T2 R2 Quad Off - 0 mm

ends with two fids

~~scrapped navigation~~

DIGHEM LOG

BASE

Line No.	Direction Flown	Fidutial Start	Fidutial Finish	Camera Counter Start	Camera Counter Finish	End of Line Time	REMARKS / Sheet / Flight
	Low Frq. Bird						Date: Sept. 3/81 — Sheet No. 29 — Flight No. 22
	JOB # D- 702						Camera F Stop: F. 8 Cam. Mode: Frame
	Lokken	Norway			START	17:13	Tx Freqs: 947 cx 908 cp.
	Flt. 22	/			END	18:12	

COIL	GAIN	ΦFE	ΦSKY	RES
T1 R1	8.59	6.16	—	250
T2 R2	6.45	5.60	—	25

ALTIMETER TAPE CAL. & IND			
150' -	149 mv	- 150'	IND
300' -	301 mv	- 300'	IND.
450' -	447 mv	- 450'	IND

Ferrite Grd. Check after Flt.
T1 R1 Quad Off - 1 mm
T2 R2 Quad Off - ½ mm

Line No.	Direction Flown	Fidutial Start	Fidutial Finish	ADD VALUE	End of Line Time	
206	N	4433	4444	-43	17:17	
205	S	4447	4461	-45	17:22	
204	N	4463	4476	-47	17:27	
203	S	4479	4492	-50	17:32	
202	N	4495	4508	-52	17:76	
201	S	4512	4523	-52	17:91	
~~200~~	~~N~~	~~4526~~	~~4537~~		~~17:45~~	~~SCRAPPED - Noisy TAG.~~
199	S	4540	4552	-53	17:50	
~~198~~	~~N~~	~~4555~~	~~4566~~		~~17:54~~	~~SCRAPPED - Noisy TAG.~~
197	S	4569	4595	-50	18:04	partially a refly
196	N	4605	4617	-43	18:12	

DIGHEM LOG

BASE SC720

Line No.	Direction Flown	Fiducial Start	Fiducial Finish	Camera Counter Start	Camera Counter Finish	End of Line Time	REMARKS
	* LOW FREQ BIRD *						Date: SEPT 4/81 — Sheet No. 31 — Flight No. 23 — Camera F Stop: F-8 Cam. Mode: FRAME
	JOB # 702						Tx Freqs:
					START	11:59	COIL / GAIN / ϕFE / ϕSKY / RES
					END	14:07	T1 R1 / 8.59 / 6.2 / — / 250
							T2 R2 / 6.45 / 5.58 / — / 250
	ALTIMETER	TAPE CAL. FIND					
	150' -	147 mv	- 150'	IND			Ferrite Grd. Check after Flt.
	300' -	299 mv	- 300'	IND.			T1 R1 Quad Off - — mm
	450' -	445 mv	- 450'	IND			T2 R2 Quad Off - 1 mm
				ADD VALUE			
~~200~~	~~N~~	~~4635~~	~~4647~~			~~12:03~~	~~REFLY~~
~~195~~	~~S~~	~~4651~~	~~4682~~			~~12:15~~	
~~198~~	~~N~~	~~4697~~	~~4709~~			~~12:26~~	~~REFLY~~
~~194~~	~~S~~	~~4712~~	~~4742~~			~~12:38~~	
~~193~~	~~N~~	~~4746~~	~~4770~~			~~12:48~~	~~PARTIAL LINE~~
~~193~~	~~N~~	~~4775~~	~~4788~~				~~PARTIAL LINE~~
192	S	4807	4834	-12		13:13	
191	N	4838	4859	-11		13:23	PARTIAL LINE
1910	N	4865	4877	-10		13:29	PARTIAL LINE
190	S	4882	4912	-10		13:41	
189	N	4916	4947	-10		13:53	
188	S	4950	4956	-10		13:57	PARTIAL LINE START 905.
1880	S	4960	4982	-11		14:07	PARTIAL LINE
							11:50 - 14:20

SCRAPED. DATA SYSTEM

DIGHEM LOG

PAGE 727

Line No.	Direction Flown	Fidutial Start	Fidutial Finish	Camera Counter Start	Camera Counter Finish	End of Line Time
	* LOW FREQ BIRD *					
	JOB # 702					
					START	15:21
					END	17:21
	ALTIMETER	TAPE CAL.	IND.			
	150' -	143 mv	- 150 '	IND		
	300' -	304 mv	- 300 '	IND.		
	450' -	447 mv	- 450 '	IND		
				ADD VALUE		
~~187~~	N	~~5007~~	~~5016~~		49	15:25
187	N	5024	5053	-50		15:39
186	S	5057	5076	-51		15:47
1860	S	5081	5095	-52		15:54
185	N	5099	5130	-52		16:07
~~184~~	~~S~~	~~5135~~	~~5138~~			~~16:08~~
184	S	5145	5175	-54		16:22
183	N	5183	5214	-54		16:36
182	S	5220	5248	-52		16:48
181	N	5253	5282	-49		17:00
180	S	5285	5315	-44		17:10
179	N	5318	5347	-41		17:21

REMARKS
Date: SEPT. 4/81

Sheet No. 32
Flight No. 24

Camera F Stop: F-8 Cam. Mode: FRAME

Tx Freqs:

COIL	GAIN	ϕFE	ϕSKY	RES
T1 R1	8.59	6.20	—	250
T2 R2	6.45	5.58	—	250

Ferrite Grd. Check after Flt.

T1 R1 Quad Off - Ø mm

T2 R2 Quad Off - 1 mm

~~SCRAPPED - NAVIGATION~~

PARTIAL LINE

PARTIAL LINE

~~SCRAPPED - NAVIGATION~~

15:05 17:30

DIGHEM LOG

BASE

Line No.	Direction Flown	Fidutial Counter Start	Fidutial Counter Finish	Camera Counter Start	Camera Counter Finish	End of Line Time	REMARKS
	* LOW FREQ BIRD *						Date: SEPT. 5/81
	JOB # 702						Camera F Stop: F-8 Cam. Mode: FRAME
					START	9:45	Tx Freqs:
					END	11:44	
	ALTIMETER TAPE CAL. & IND						
	150' -	146 mv	- 150'	IND			Ferrite Grd. Check after Flt.
	300' -	294 mv	- 300'	IND.			T1 R1 Quad Off - 1 mm
	450' -	446 mv	- 450'	IND			T2 R2 Quad Off - 1½ mm
				ADD VALUE			
200	N	5367	5376	-12		9:48	REFLY - PARTIAL LINE
197	S	5380	5409	-11		9:59	REFLY
196	N	5414	5441	-9		10:11	REFLY
195	S	5444	5479	-7		10:22	REFLY
194	N	5483	5514	-5		10:33	REFLY
193	S	5518	5550	-3		10:45	REFLY
198	N	5569	5581	-10		10:57	REFLY - PARTIAL LINE
178	S	5589	5618	-7		11:12	
177	N	5621	5648	-3		11:22	
176	S	5651	5685	-2		11:34	
175	N	5687	5716	-2		11:44	

Sheet No. 34
Flight No. 25

COIL	GAIN	ϕFE	ϕSKY	RES
T1 R1	8.59	6.13	—	250~
T2 R2	6.45	5.54	—	250~

DIGHEM LOG

BASE [illegible]

Line No.	Direction Flown	Fiducial Start	Fiducial Finish	Camera Counter Start	Camera Counter Finish	End of Line Time
Low Frq. Bird						
	Job # D-	702				
	Lokken	Norway			START	12:46
	Flt.	26			END	13:30
	ALTIMETER	TAPE CAL.	IND.			
	150' -	151 mv	- 150'	IND		
	300' -	297 mv	- 300'	IND.		
	450' -	449 mv	- 450'	IND		
				ADD CABLE		
174	S	~~5748~~ 5448	5763	-6		12:51
1740	S	~~5768~~ 5768	5788	-5		12:59
173	N	5792	5821	-4		13:10
172	S	5825	5854	-5		13:21
171	N	5857	5884	-10		13:30

REMARKS — Sheet No. 35

Date: Sept. 5/81 — Flight No. 26

Camera F Stop: F8 — Cam. Mode: Frame

Tx Freqs: 947 cx — 908 cp.

COIL	GAIN	ϕFE	ϕSKY	RES
T1 R1	8.59	6.17	—	25
T2 R2	6.45	5.60	—	25

Ferrite Grd. Check after Flt.

T1 R1 Quad Off - ½ mm

T2 R2 Quad Off - ½ mm

174 partial

1740 partial

DIGHEM LOG

BASE

Line No.	Direction Flown	Fidutial Start	Fidutial Finish	Camera Counter Start	Camera Counter Finish	End of Line Time
	JOB # D-702					
	Lokken	Norway			START	12:45
	Flt.	27			END	14:47
	ALTIMETER	TAPE CAL.	IND.			
	150' -	146 mv	- 150'	IND		
	300' -	298 mv	- 300'	IND.		
	450' -	447 mv	- 450'	IND		
				ADD		
170	S	5911	5938	+13	+3	12:55
169	N	5946	5969	+11	+1	13:05
168	S	5972	5999	+18	0	13:14
167	N	6002	6034	+30	0	13:24
166	S	6037	6063	+31	+1	13:34
165	N	6066	6094	+23	+3	13:44
164	S	6097	6123	+24	+4	13:54
163	N	6126	6156	+21	+4	14:04
162	S	6159	6188	+27	+0	14:14
161	N	6201	6231	+37	-3	14:27
160	S	6234	6262	+29	-1	14:37
159	N	6265	6293	+28	-2	14:47

REMARKS

Sheet No. 37

Date: Sept. 7/81

Flight No. 27

Camera F Stop: F-8 Cam. Mode: Frame

Tx Freqs: 947 cx 908 cp

COIL	GAIN	ΦFE	ΦSKY	RS
T1 R1	8.59	6.17	—	25
T2 R2	6.45	5.60	—	25

Ferrite Grd. Check after Flt.

T1 R1 Quad Off - — mm

T2 R2 Quad Off - — mm

6195 14:16 ends with two fids

Line 161 N was attempte and scrapped ending at fid 6195 at 14:16

DIGHEM LOG

BASE

Line No.	Direction Flown	Fidutial Start	Fidutial Finish	Camera Counter Start	Camera Counter Finish	End of Line Time
	Low Frq. Bird					
	JOB # D-702					
	Lokken Norway				START	16:26
	Flt. 28				END	17:44
	ALTIMETER TAPE CAL. & IND					
	150' -	151 mv	- 150'	IND		
	300' -	297 mv	- 300'	IND.		
	450' -	495 mv	- 450'	IND		
				ADD VALUE		
158	S	6333	6361	~~+27~~	~~-23~~	16:35
157	N	6364	6395	~~+25~~	-25	16:46
156	S	6398	6427	~~+23~~	-27	16:55
155	N	6430	6459	~~+30~~	-30	17:05
154	S	6462	6489	~~+30~~	-31	17:14
153	N	6492	6519	~~+31~~	-33	17:24
152	S	6522	~~6558~~ 6548		-34	17:34
151	N	~~6565~~	6579	~~+34~~	-36	17:44
		6551				

REMARKS

Date: Sept. 7/81

Sheet No. 33

Flight No. 28

Camera F Stop: F-8 Cam. Mode: Frame

Tx Freqs: 947 cx 908 cp

COIL	GAIN	ΦFE	ΦSKY	RES
T1 R1	8.59	—	6.18	25
T2 R2	6.45	—	5.54	25

Ferrite Grd. Check after Flt.

T1 R1 Quad Off - 0 mm

T2 R2 Quad Off - 1 mm

DIGHEM LOG

BASE

Line No.	Direction Flown	Fidutial Start	Fidutial Finish	Camera Counter Start	Camera Counter Finish	End of Line Time
Low Frq Bird						
	JOB # D-702					
	Lokken Norway				START	9:33
	Flt. 29				END	11:20
	ALTIMETER TAPE CAL. FIND					
	150' - 148 mv	- 155'	IND			
	300' - 294 mv	- 300'	IND.			
	450' - 496 mv	- 450'	IND			
			ADD ONLY			
150	S	6615	6632	~~455~~	-15	9:38
1500	S	6638	6656	~~+556~~	-14	9:46
149	N	6659	6686	~~+555~~	-5	9:55
148	S	6689	6721	~~+554~~	-16	10:05
147	N	6724	6750	~~+554~~	-16	10:15
146	S	6755	6782	~~+554~~	-16	10:25
145	N	6786	6810	~~+558~~	-15	10:35
144	S	6814	6839	~~+551~~	-13	10:45
143	N	6842	6867	~~+559~~	-11	10:54
142	S	6872	6882	~~+559~~	-11	10:59
1420	S	6899	6916	~~+565~~	-10	11:10
141	N	6920	6946	~~+561~~	-9	11:20

REMARKS — Sheet No. 40

Date: Sept. 8/71 — Flight No. 29

Camera F Stop: F-8 Cam. Mode: Frame

Tx Freqs: 947 cx 908 cp.

COIL	GAIN	ϕFE	ϕSKY	RES
T1 R1	8.59	6.03	6.14	25
T2 R2	6.45	5.51	—	25

Ferrite Grd. Check after Flt.

T1 R1 Quad Off - ½ mm

T2 R2 Quad Off - 1½ mm

partial

partial

end: with two fids

partial

partial

Note

phase change in sky on T1 R1 after line 146

DIGHEM LOG

BASE

Sheet No. 41
Flight No. 30

REMARKS
Date: Sept. 8/81
Camera F Stop: F-8   Cam. Mode: Frame
Tx Freqs: 947 cx   908 cp

COIL	GAIN	ϕFE	ϕSKY	RES
T_1R_1	8.59	–	6.22	25[illegible]
T_2R_2	6.45	–	5.59	25[illegible]

Ferrite Grd. Check after Flt.
T_1R_1 Quad Off – ½ mm
T_2R_2 Quad Off – 0 mm

Low Frq. Bird
JOB # D-702
Lokken Norway
Flt. 30
START 12:25
END 14:09

ALTIMETER	TAPE CAL. & IND.		
150' –	145 mv	– 155'	IND
300' –	297 mv	– 300'	IND.
450' –	451 mv	– 450'	IND

Line No.	Direction Flown	Fiducial Counter Start	Fiducial Counter Finish	Camera Counter Start (ADD VALUE)	Camera Counter Finish	End of Line Time	Remarks
140	S	6972	6996	~~+75~~	+5	12:32	
139	N	6999	7024	+75	+5	12:41	
138	S	7028	7054	+75	+5	12:50	
137	N	7057	7082	+75	+4	12:59	x
136	S	7085	7109	+74	[illegible]	13:07	x
135	N	7111	7135	+73	[illegible]	13:16	ends with two fids
134	S	7138	7165	[illegible]	[illegible]	13:25	
133	N	7168	7193	[illegible]	[illegible]	13:34	
132	S	7196	7215	[illegible]	[illegible]	13:41	partial
1320	S	7223	7238	[illegible]	[illegible]	13:49	partial
131	N	7241	7266	[illegible]	13:57	~~13:49~~	
130	S	7270	7291	[illegible]	[illegible]	14:06	
129	N	~~7293~~ 7294	7317	[illegible]	[illegible]	14:09	

DIGHEM LOG

Line No.	Direction Flown	Fidutial Counter Start	Fidutial Counter Finish	Camera Counter Start	Camera Counter Finish	End of Line Time
Low Frq. Bird						
	JOB # D-	702				
	Lokken ·	Norway			START	16:07
	Flt.	31			END	17:12
	ALTIMETER	TAPE CAL. & IND				
	150' -	151 mv	- 155'	IND		
	300' -	304 mv	- 300'	IND.		
	450' -	446 mv	- 450'	IND		
				ADD VALUE		
118	S	7347	7367	[illegible]	-16	16:13
117	N	7371	7391	[illegible]	-16	16:21
116	S	7394	7412	[illegible]	-17	16:28
115	N	7415	7433	[illegible]	-18	16:34
114	S	7436	7450	[illegible]	-18	16:40
113	N	7453	7471	″	″	16:47
112	S	7473	7484	″	″	16:51
111	N	7487	7499	″	″	16:56
110	S	7502	7514	″	″	17:00
109	N	7517	7534	″	″	17:06
108	S	7537	7549	[illegible]	-18	17:12

REMARKS

Sheet No. 12
Date: Sept. 8/81
Flight No. 31

Camera F Stop: F-8 Cam. Mode: Frame

Tx Freqs: 947 cx 908 cp.

COIL	GAIN	ΦFE	ΦSKY	RES
$T_1 R_1$	8.59	—	6.22	25
$T_2 R_2$	6.45	—	5.59	25

Ferrite Grd. Check after Flt.

$T_1 R_1$ Quad Off - $\frac{1}{2}$ mm

$T_2 R_2$ Quad Off - $\frac{1}{2}$ mm

DIGHEM LOG

PAGE

Line No.	Direction Flown	Fidutial Start	Fidutial Finish	Camera Counter Start	Camera Counter Finish	End of Line Time
Low Frq Bird						
	JOB # D-702					
	Lokken	Norway			START	12:33
	Flt. 32				END	14:37
	ALTIMETER TAPE CAL. & IND.					
	150' -	152 mv	- 155'	IND		
	300' -	298 mv	- 300'	IND.		
	450' -	496 mv	- 450'	IND		
				ADD CALIB		
128	S	7581	7590	~~214~~	~~+10~~	12:38
128	S	7597	7617	~~+14~~	~~+1~~	12:47
127	N	7620	7644	~~+22~~	~~+2~~	12:55
126	S	7648	7667	~~+19~~	~~-1~~	13:03
125	N	7670	7692	~~+21~~	-3	13:11
124	S	7695	7717 (17)	~~+16~~	-4	13:19
124	S	7723	7728	~~+28~~	-3	13:23
123	N	7731	7754	~~+23~~	-2	13:31
122	S	7757	7778	~~+25~~	-2	13:39
121	N	7778 (83)	7802	~~+23~~	-7	13:47
120	S	7806	7828	~~+28~~	-2	13:55
119	N	7834	7853	~~+21~~	-3	14:04
107	S	7860	7871	~~+15~~	-5	14:10
106	N	7879	7887	~~+14~~	-6	14:15
105	S	7890	7900	~~+14~~	-6	14:19
104	N	7903	7916	~~+19~~	-6	14:24
103	S	7919	7930	~~+14~~	-6	14:28
102	N	7932	7949	~~+24~~	-6	14:32
101	S	7947	7958	~~+13~~	-7	14:37

REMARKS	Sheet No. 14
Date: SEPT. 9 /81	Flight No. 32
Camera F Stop: F-5.6 Cam. Mode: Frame	
Tx Freqs: 946 cx 908 cp.	

COIL	GAIN	ϕFE	ϕSKY	RES
T1 R1	8·59	—	6·22	25
T2 R2	6·45	—	5·59	25

Ferrite Grd. Check after Flt.

T1 R1 Quad Off - — mm

T2 R2 Quad Off - — mm

SCRAPPED -NAV.

partial replay.

186.3 KM

DIGHEM LOG

Line No.	Direction Flown	Fidutial Start	Fidutial Finish	Camera Counter Start	Camera Counter Finish	End of Line Time
Low Frq Bird						
	JOB # D-	702				
	Lokken	Norway			START	11:22
	Flt.	33			END	13:10
	ALTIMETER	TAPE CAL.	IND.			
	150' -	153 mv	- 155'	IND		
	300' -	301 mv	- 300'	IND.		
	450' -	445 mv	- 450'	IND		
				ALT CALIB		
100	N	8002	8018	-10		11:27
99	S	8022	8037	-9		11:34
98	N	8046	8061	-8		11:43
97	S	8066	8079	-6		11:50
96	N	8083	8098	-3		11:56
95	S	8102	8116	0		12:03
94	N	8120	8135	+2		12:09
93	S	8140	8155	-3		12:15
92	N	8160	8177	-7		12:22
91	S	8183	8197	-7		12:29
90	N	8201	8215	-7		12:34
89	S	8218	8231	-7		12:39
88	N	8235	8247	-5		12:45
87	S	8250	8263	-4		12:49
86	N	8266	8278	-2		12:54
85	S	8281	8293	-1		12:59
84	N	8295	8306	0		13:04
83	S	8310	8322	0		13:10

REMARKS

Date: SEPT. 10 /91

Sheet No. 44

Flight No. 33

Camera F Stop: F-8 Cam. Mode: Frame

Tx Freqs: 946 cx 908 cp

COIL	GAIN	ϕFE	ϕSKY	RES
T1 R1	8·59	6.98	6.18	25
T2 R2	6·95	5.38	5.57	25

Ferrite Grd. Check after Flt.

T1 R1 Quad Off - X mm

T2 R2 Quad Off - X mm

NOTE: ALTIMETER CALIBRA
DONE AFTER LINE 99-S

NOTE: POSSIBLY NO TAP
READ ERROR

DIGHEM LOG

BASE 50520

Line No.	Direction Flown	Fidutial Start	Fidutial Finish	Camera Counter Start	Camera Counter Finish	End of Line Time
Low Frq Bird						
	JOB # D-702					
	Lokken	Norway			START	14:20
	Flt.	34			END	16:25
	ALTIMETER TAPE CAL. & IND					
	150' -	142 mv	- 155'	IND		
	300' -	304 mv	- 300'	IND.		
	450' -	450 mv	- 450'	IND.		
~~84~~ 82	N	8346	8362	+14		14:25
81	S	8365	8381	+14		14:30
80	N	8384	8398	+13		14:36
79	S	8402	8416	+13		14:42
78	N	8420	8433	+14		14:47
77	S	8436	8450	+16		14:52
76	N	8453	8466	+16		14:57
75	S	8468	8482	+15		15:02
74	N	8485	8498	+14		15:07
73	S	8501	8515	+14		15:12
72	N	8518	8531	+13		15:18
71	S	8539	8553	+13		15:27
70	N	8556	8568	+14		15:33
69	S	8571	8584	+17		15:37
68	N	8587	8600	+19		15:42
67	S	8603	8616	+21		15:48
66	N	8619	8634	+22		15:54
65	S	8638	8650	+22		16:00
64	N	8653	8667	+20		16:05
~~63~~	~~S~~	~~8670~~	~~8683~~			~~16:10~~
~~62~~	~~N~~	~~8686~~	~~8697~~			~~16:15~~
~~62~~	~~N~~	~~8702~~	~~8709~~			~~16:19~~
~~61~~	~~S~~	~~8714~~	~~8727~~			~~16:25~~

REMARKS — Sheet No. 47

Date: Sept. 10/81 — Flight No. 34

Camera F Stop: F-8 Cam. Mode: Frame

Tx Freqs: 946 cx 908 cp.

COIL	GAIN	ΦFE	ΦSKY	RES
T1 R1	8.59	6.14	—	25
T2 R2	6.45	5.58	—	25

Ferrite Grd. Check after Flt.

T1 R1 Quad Off - — mm

T2 R2 Quad Off - — mm

~~SCRAPPED. - INSTRUMEN~~

~~partial? SCRAPPED~~ "

~~partial~~ ?

~~SCRAPPED~~ "

DIGHEM LOG

Line No.	Direction Flown	Fidutial Start	Fidutial Finish	Camera Counter Start	Camera Counter Finish	End of Line Time
	Low Frq. Dipd					
	JOB # D-702					
	Lokken	Norway			START	17:54
	Flt. 35				END	19:11
	ALTIMETER	TAPE CAL. & IND.				
	150' -	151 mv	- 150'	IND		
	300' -	304 mv	- 300'	IND.		
	450' -	446 mv	- 450'	IND		
401	E	8764	8855			18:29
400	E →	8895	8949			19:11
	St. 18:49					

REMARKS

Date: Sept. 10/81

Sheet No. 48

Flight No. 35

Camera F Stop: F-8 Cam. Mode: Frame

Tx Freqs: 946 cx 908 co.

COIL	GAIN	ϕFE	ϕSKY	RES
T1 R1	8.59	—	6.13	25
T2 R2	6.95	—	5.57	25

Ferrite Grd. Check after Flt.

T1 R1 Quad Off - — mm

T2 R2 Quad Off - — mm

DIGHEM LOG

BASE

Line No.	Direction Flown	Fidutial Counter Start	Fidutial Counter Finish	Camera Counter Start	Camera Counter Finish	End of Line Time	REMARKS Date: SEPT. 11/81	Sheet No. 50 Flight No. 36
	* LOW FREQ BIRD *						Camera F Stop: F8 Cam. Mode:	
	JOB # 702						Tx Freqs:	
					START	10:05	COIL / GAIN / ϕFE / ϕSKY / RES	
					END	11:56	$T_1 R_1$ / 8.59 / 6.96 / 6.16 / 250	
							$T_2 R_2$ / 6.45 / 5.46 / 5.56 / 250	
	ALTIMETER TAPE CAL. FIND							
	150' -	147 mv	- 150'	IND			Ferrite Grd. Check after Flt.	
	300' -	299 mv	- 300'	IND.			$T_1 R_1$ Quad Off - ___ mm	
	450' -	451 mv	- 456'	IND			$T_2 R_2$ Quad Off - ___ mm	
				ADD VALUE				
63	N	8752	8765	+25		10:10	REFLY	
62	S	8769	8782	+27		10:15	REFLY	
61	N	8786	8799	+27		10:21	REFLY	
60	S	8804	8818	+25		10:27		
59	N	8821	8833	+25		10:32		
58	S	8836	8849	+26		10:37		
57	N	8852	8863	+25		10:42		
56	S	8867	8878	+25		10:47		
55	N	8880	8893	+24		10:52		
~~54~~	S	~~8896~~	~~8909~~			~~10:57~~	~~SCRAPED - OFFSET~~	
53	N	8917	8929	+19		11:05		
52	S	8938	8951	+17		11:14		
51	N	8954	8965	+13		11:19		
50	S	8969	8983	+11		11:24		
49	N	8986	8998	+11		11:30		
~~48~~	S	9001	9016	+13		11:35		
47	N	9019	9033	+14		11:39		
~~46~~	~~S~~	~~9036~~	~~9048~~			~~11:44~~	~~SCRAPED. - AIRPLANE~~	
~~46~~	~~N~~	~~9057~~	~~9071~~			~~11:50~~	~~SCRAPED. - MODULE~~ PROBLEM.	
~~46~~	~~S~~	~~9077~~				~~11:56~~	~~SCRAPED~~ = " "	

DIGHEM LOG

Line No.	Direction Flown	Fidutial Start	Fidutial Finish	Camera Counter Start	Camera Counter Finish	End of Line Time
	* LOW FREQ BIRD					
	JOB # 702					
	Lokken	Norway			START	13:39
	Flt.	37			END	15:38
	ALTIMETER	TAPE CAL. & IND.				
	150' -	151 mv	- 155'	IND		
	300' -	309 mv	- 300'	IND.		
	450' -	447 mv	- 450'	IND		
				ADD VALUE		
54	N	10007	10,019	-40		13:43
~~46~~	S	~~10024~~	~~10035~~			~~13:47~~
45	N	10043	10056	~~-44~~ -55		13:57
44	S	10058	10071	-57		14:02
43	N	10073	10087	-60		14:07
42	S	10090	10104	-64		14:11
41	N	10106	10120	-68		14:18.
40	S	10123	10137	-71		14:23
39	N	10141	10154	-77		14:29
38	S	10157	10171	-85		14:34
37	N	10183	10197	-91		14:46
36	S	10201	10217	-97		14:52
35	N	10220	10234	-104		14:58
34	S	10238	10252	-113		15:04
33	N	10255	10271	-122		15:10
32	S	10274	10290	-130		15:15
31	N	10295	10309	-132		15:22
30	S	10313	10326	-135		15:27
29	N	10328	10342	-139		15:32
28	S	10345	10359	-144		15:38

REMARKS — Sheet No. 51

Date: SEPT. 11/81 — Flight No. 37

Camera F Stop: F-8 Cam. Mode: FRAME

Tx Freqs: 946 cx 905 cp.

COIL	GAIN	ϕFE	ϕSKY	RES.
T1 R1	8.59	—	6.12	250
T2 R2	6.95	—	5.42	250

Ferrite Grd. Check after Flt.

T1 R1 Quad Off - — mm

T2 R2 Quad Off - — mm

REFLY

~~SCRAPPED = INSTRUMENT PROBLEM.~~

starts with 30 sec. fid

* Note * T2 R2 re phased

during mid. flt. cal. to 5.50

starts with 30 sec. fid

DIGHEM LOG

BASE

Line No.	Direction Flown	Fidutial Start	Fidutial Finish	Camera Counter Start	Camera Counter Finish	End of Line Time
	* LOW FREQ BIRD *					
	JOB # D-702					
	Lokken	Norway			START	16:59
	F/L.	38			END	18:27
	ALTIMETER TAPE CAL. SIND					
	150' -	154 mv	- 155'	IND		
	300' -	302 mv	- 300'	IND.		
	450' -	496 mv	- 450'	IND		
				MOD VALUE		
27	S	10395	10409	-126		17:04
26	N	10412	10426	-123		17:09
25	S	10430	10444	-122		17:15
~~24~~	N	~~10446~~	~~10459~~			~~17:18~~
24	N	10459	10473	-120		17:25
23	S	10476	10491	-119		17:30
22	N	10493	10507	-115		17:36
21	S	10511	10525	-112		17:42
20	N	10527	10539	-107		17:47
19	S	10542	10556	-103		17:53
18	N	10559	10572	-102		17:58
17	S	10580	10594	-100		18:06
16	N	10597	10610	-99-98		18:12
15	S	10613	10625	-87		18:17
14	N	10627	10639	-84		18:22
13	S	10642 10642	10655	-85		18:27

REMARKS

Date: SEPT. 11/81

Sheet No. 52

Flight No. 38

Camera F Stop: F8 Cam. Mode: FRAME

Tx Freqs: 946 cx 908 cp

COIL	GAIN	ϕFE	ϕSKY	RES
T1 R1	8.59	6.18	6.06	25
T2 R2	6.45	5.62	5.44	25

Ferrite Grd. Check after Flt.

T1 R1 Quad Off - — mm

T2 R2 Quad Off - — mm

Note

Rephased after line 18 N

T1 R1 6.18

T2 R2 5.62