

## 「銀河」運用記録 "GINGA" Daily Report

Ver. 1.7

1989 9 MONTH : 1 DAY : 12 Y+ 707

Written by : K. Hayashida

OPERATION: A401 (OFFSET)

M. Tashiro

|            | [PASS 1]                                                                                                                                                                                                                                 | [PASS 2]                                                                                            | [PASS 3]                                                                                                                                            | [PASS 4]                                                                                                                                                                                                                     | [PASS 5]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NO.        | 890111-1443                                                                                                                                                                                                                              | 890111-1546                                                                                         | 890112-0101                                                                                                                                         | 890112-0205                                                                                                                                                                                                                  | 890112-0308                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| AOS<br>LOS | 21:05:18<br>22:18:00                                                                                                                                                                                                                     | 22:47:36<br>22:59:48                                                                                | 0:29:10<br>0:41:39                                                                                                                                  | 2:11:35<br>2:23:19                                                                                                                                                                                                           | 3:54:17<br>4:04:00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| ELMX       | 27.48 11:38                                                                                                                                                                                                                              | 70.13 53:17                                                                                         | 87.86 35:09                                                                                                                                         | 46.81 16:53                                                                                                                                                                                                                  | 14.05 58:25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| COMMANDS   |                                                                                                                                                                                                                                          | ST MAP                                                                                              | ST MAP<br>SLEW 11°57'7"<br>(2.86°)<br>(φ5-φφφφ7Fφφ66)<br>SLEW(+)<br>SLEW 11°57'7"<br>(2.86°)<br>(φ5-φφφφ7Fφφ66)                                     | Trim MNV<br>φ5-F17F29φφ3A<br>ST MAP                                                                                                                                                                                          | ST MAP<br>SLEW 11°57'7"<br>(1.46°)<br>(φ5-φφφφ7Fφφ34)<br>PL フォトリ<br>BC(B) : φφ32<br>STT-Y THRESHOLD<br>BC(4) φ2-φφφ2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| TLMS       | Rep.                                                                                                                                                                                                                                     | Rep.                                                                                                | Rep.                                                                                                                                                | Rep.                                                                                                                                                                                                                         | Rep.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| ACS        |                                                                                                                                                                                                                                          |                                                                                                     | SL(+)                                                                                                                                               | SL(-)(+)                                                                                                                                                                                                                     | MNV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| EVENT      | 22:48<br>(132.92<br>95.10<br>162.52<br>*IRVの値より推定)                                                                                                                                                                                       |                                                                                                     |                                                                                                                                                     |                                                                                                                                                                                                                              | 4:02<br>(133.35<br>93.75<br>165.63<br>*IRVの値より推定)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| ST         | 21:13:59                                                                                                                                                                                                                                 | 22:56:01                                                                                            | 0:37:59                                                                                                                                             | 2:20:01                                                                                                                                                                                                                      | 4:00:00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| PC PLAN    | OG-5 21:16<br>BIT MED 21:18<br>TMS ON 21:20<br>OG-4 21:52<br>OG-5 22:26<br>OG-2 22:44<br>OG-3 22:46                                                                                                                                      | OG-5 22:58<br>BIT MED 23:00<br>TMS ON 23:02<br>OG-4 23:32<br>OG-5 00:04<br>OG-2 00:26<br>OG-3 00:28 | OG-5 00:40<br>BIT MED 00:42<br>TMS ON 00:44<br>SLEW(-) 01:19<br>OG-4 01:16<br>OG-5 01:44<br>SLEW(+) 01:46<br>OG-4 01:48<br>OG-2 02:08<br>OG-3 02:10 | OG-5 EXE 02:22:00<br>BIT MED 02:24:00<br>TMS ON 02:26:00<br>OG-4 EXE 02:58:00<br>OG-5 EXE 03:22:00<br>OG-3 EXE 03:52:00<br>OG-5 EXE 04:02:00<br>BIT LOW 04:04:00<br>TMS ON 04:06:00<br>OG-4 EXE 04:40:00<br>BIT LOW 04:58:00 | OG-3 EXE 05:00:00<br>SLEW (+) 06:40:00<br>SLEW (-) 08:20:00<br>OG-4 EXE 09:46:00<br>OG-5 EXE 09:56:00<br>BIT LOW 09:58:00<br>SLEW (+) 10:00:00<br>SLEW (-) 11:40:00<br>OG-4 EXE 13:02:00<br>OG-5 EXE 13:12:00<br>BIT LOW 13:14:00<br>SLEW (+) 13:20:00<br>SLEW (-) 15:00:00<br>LHV RED 15:24:00<br>ASM MODE 15:26:00<br>OG-5 EXE 15:48:00<br>LHV RED 16:56:00<br>ASM MODE 16:58:00<br>OG-4 EXE 17:22:00<br>OG-7 EXE 17:38:00<br>SLEW 360 17:40:00<br>BIT LOW 18:02:00<br>OG-5 EXE 18:04:00<br>LHV RED 18:34:00<br>ASM MODE 18:36:00<br>OG-4 EXE 18:58:00<br>BIT LOW 19:00:00<br>OG-5 EXE 19:16:00<br>OG-2 EXE 19:24:00<br>OG-3 EXE 19:26:00 |
| COMMENT    | 1 pass めは Rapro したデータの STT-Y の MAP が全てオーバーフローしていたため、2 pass めの Ranging を Rep. に切り変えた。<br>しかし、4 pass までのデータは全てオーバーフロー。調査の結果、STT-Y の CCD の温度が異常に高い (19~20℃) ことがわかり、オーバーフローの原因は熱雑音のレベルの上昇ではないかということ。<br>そこで、5 pass めに THRESHOLD レベルを 1 段上げた。 |                                                                                                     |                                                                                                                                                     |                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| SANGLE     | 146.1 → 147.8                                                                                                                                                                                                                            | MIN. -BAT-V(EOO) 18.6(19.0) V 18.8(19.0)                                                            |                                                                                                                                                     |                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

5 pass め Real の時点で も オーバーフローは解消しなかった。  
STT-Y 温度熱 !?