

OUTGOING  
NRL SPECIAL PROJECTS CONTROL NUMBER

BYE-61783-92

DATE

~~SEC~~

ORIGINATOR 8000 SERIAL NO. BYE-61783-92 ENCLOSURES 00

RECEIVED! COPY NUMBERS 1 RECEIPT NO. H/C

SUBJECT SEJ W/P 7103A/B/C BACKGROUND DISTRIBUTION INFO

ROUTE TO	COPY NO.	W/ ENCL	SIGNATURE	DATE OUT	DATE RET'D	TRANSFER
1298	1	00		920409		DESTROY

*Rdn 9/22/98.*

*dt*

ENT NRL OUTGOING DOCUMENT



BYE-61783-92



1

DES/SHEET NO. \_\_\_\_\_

COPY NO. \_\_\_\_\_

DESTROYED BY: \_\_\_\_\_

WITNESSED BY: \_\_\_\_\_

LE

*disc + duplicate  
different notes  
on B-2  
Jodpa like disc to  
Lunch of 03 [unclear]*

*May - 1998*

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~~SECRET~~

COMMAND FUNCTIONS

"Add" 1

"Add" 2

"Add" 3

"Add" 4

D. L. 1

D. L. 2

D. L. 3

D. L. 4

TM. ON

TM. OFF

EXECUTE

*PL off =* RESET

R & D ON

ROCKETS

CONAX

BOOM OUT

MOTOR STOP

PA ON

FW ON

PL

NL

NK

NJ

NI

ML

MK

MJ

MI

JI

JK

KI

MN

LJ

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PL

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135

137

136

~~SECRET~~

*Handle via  
Salvo - Keyhole  
Control System Only*

BACKGROUND:::::

1. 7101 A and B

2. 7102A B & C

3. 7103A-B C. size weight #bands other experiments and other general info.

A. 7103A (#135)

HUT RECEIVER/PW

- 1 ---170 to 205 with associated R & D experiment. B wide
- 2 ---575 to 720 Note\* C narrow
- 3 ---820 to 1080 \*All bands use 6 antennas, B narrow
- 4 ---3800 to 4800 Bands 2 and 3 use same 6. C wide.

B. 7103B (#124)

- 1 ---158 to 180 No. & So monopoles B narrow
- 2 ---482 to 610 4 equatorial " B wide
- 3 ---660 to 865 6 symmetrical antennas common with band 3. C wide
- 4 ---2500 to 3120 C narrow.

C. 7103 C-(134)

- 1 ---105 to 125 South pole antenna (roll-up type) B narrow
- 2 ---1080 to 1350 4 on equator (opposite monopoles) and spiral & (FIX R & D) are connected in parallel) . . . . . B wide.
- 3 ---1580 to 2000 6 symmetrical monopoles C wide.
- 4 --- 4700 to 5100 6 symmetrical monopoles C narrow.

Any single band may be turned on in any payload without influencing any other band.

Any combination of bands in any payload may be used without " 2 " "

The only Command Restraint is as Follows:

During the use of the Two R & D experiments it will be necessary to eliminate the use of one of the bands and it will be highly desirable to eliminate ~~the~~ or at least curtail the use of any except the particular bands with which the R & D experiments are associated!

Specifically, when the [ ] experiment is used on the 7103A-1 band the normal data will be available on the B wide channel, simultaneously the notched R & D data which indicates the four increments of [ ] will be present on the Channel C receiver as ~~not~~

These increments of [ ] If Band 7103A-2 is activated during the use of the [ ] R & D Experiment then the narrow pulses associated with the data in this band will be superimposed upon the notched pulses data making it difficult to interpret. the R & D data, (depending upon the relative densities in Band 2 and Band 1).

Handle via  
Talent Keyhole  
Control System Only

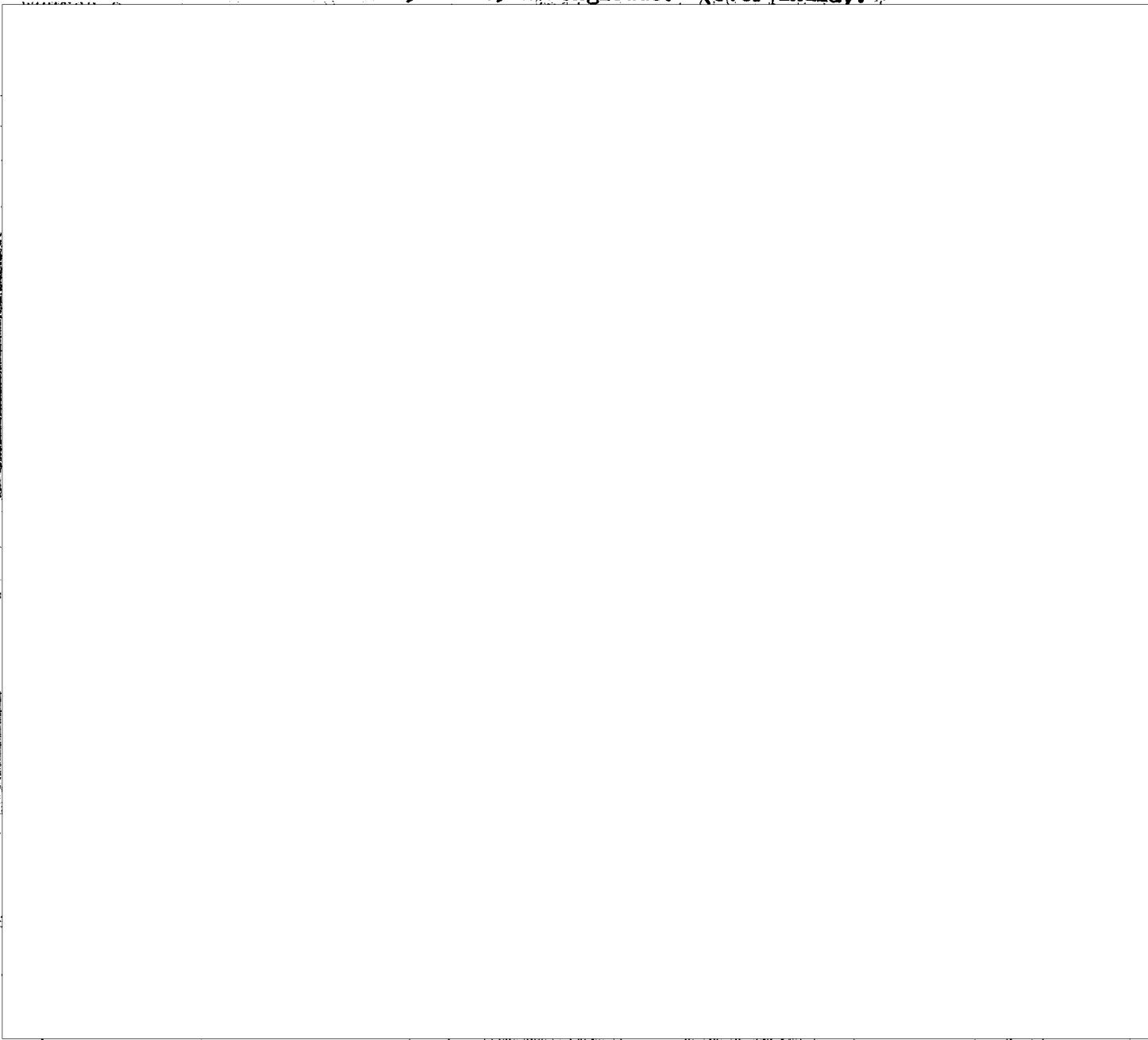
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89.1 lbs	24"	134
84.19 lbs	20"	135
65.37 lbs	20"	135

...:GQUOHCIOAB  
 B BNS A IOIV .I  
 S. AIOBA B & B  
 DIV .3

Series 2.2 for 32.11 Can shape none

Injection will be LiftOff plus 4165<sup>sec</sup> for A & B with C going into orbit 10 seconds later.  
 Latitude is estimated to be 25°N x 65°E Longitude. (Over India).<sup>4B</sup>



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Handle via  
~~Subst Key~~  
 Control System Only