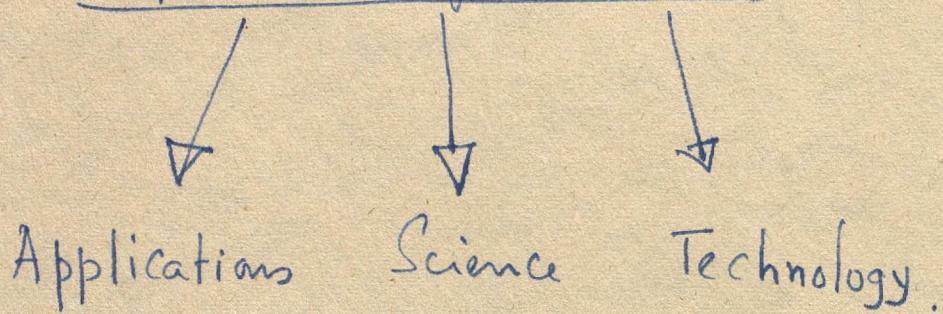
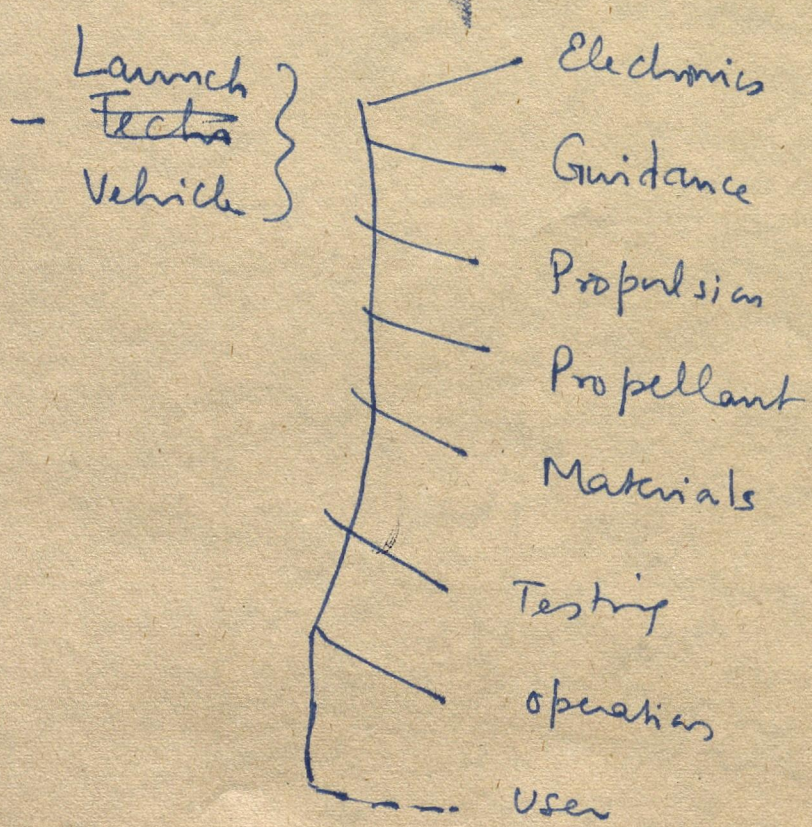
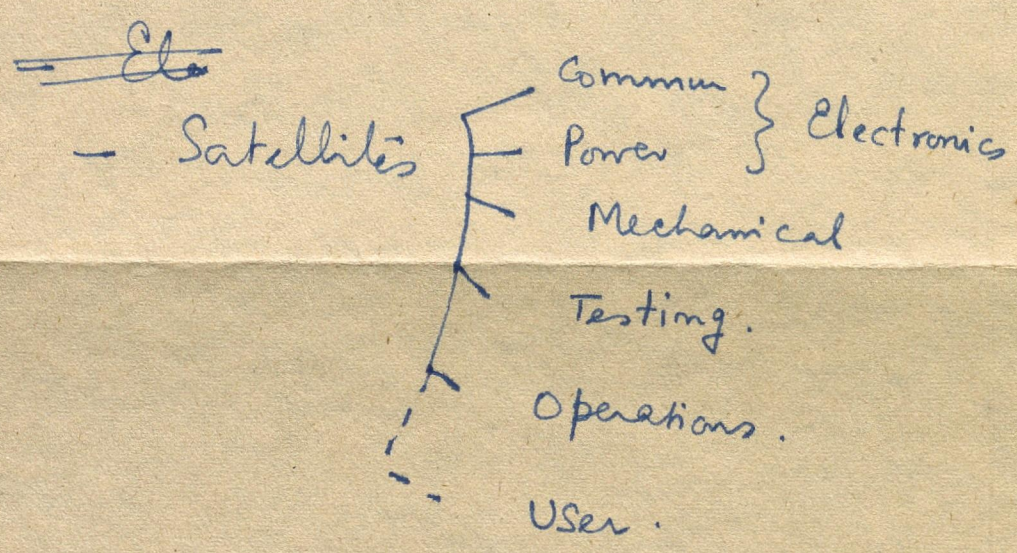


Space Programmes



Engineering Elements are :-



Remote Sensing & Meteorology

ON & OFF.

o Ravi's period - Heat Capacity
Mission etc. Down The drain

o Dixit.

o Back again:

Major contributions:

- ARISE sharpening (Chandra)
- Campaigns listing
- Reports on MSS etc
- NRSA reports
- Microwave Sensors (CNES)
- Monex
- M-100 (1 year)
starts
Human in Surface.
CA ready.

Communications

- SITE
 - SITE Continuity.
 - INSAT.
 - Apple.
 - Sec - Study.
What is my role?
-

Space
Science
Comprehensive
paper on policy.

Key word routing

- in Communication

- VSSC . . . & so on.

What is Ch's idea of my future
technically?

1964-66 Satellites

- S EO Conception (George + myself. Nov 1973)

Definition of an RS indigenous satellite

HCMH.

Follow-up in HQ.

- Problems during formulation of S EO

- Human interface

- Light weight Satellite
 - My notes to Ch.
 - Apple.

How to handle Sat. Technology

• Mission definition.

11/2/74

Printed Circuits H δ Book

- Clyde F. Coombs Jr.

(1967) McGraw-Hill

p. 5-31 Gold plating

MIL-G-45204 Type II is 23 + Cassat (Hard) holes
If the plates are to be

exposed to Hi temp should be preceded with
Ni or Palladium coat.

Evaluation of P-C board

p. 5-46, 5-47.

5-48

As per MIL-STD-202

& MIL-P-55110.

Discussions:

16/2/74

- ① Portotype → use H & G eraser.
- ② ~~was~~ We ask H & G. Give Cu Plate for portotype
- ③ They should solve p -

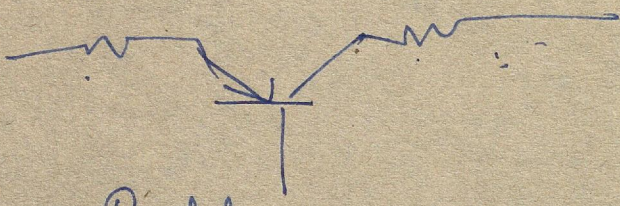
Dinner i. 2:30 PM
16/2/74.

URR
Rajopal
SP Kota
Choke
Parohit
Dhruva
Raja
KT
Rajan

31/12/24
14/2/24 Screening of components upto 500V

① Power Supplies 30V, 10A - Qty - 5

② 7 days
1 day 1 month

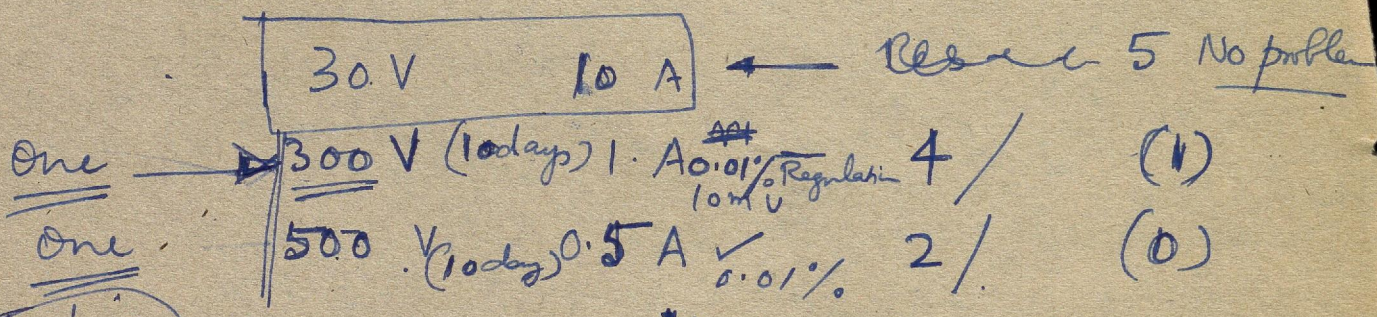


Problems

✓ ① Power Supplies → not available.

~~BDS~~ BDS Bangalore

APLAB



Testig

1 month is lead time.

② Seal leak K_A Tests. BEL or LRDE.
1200/hr.
10 days. 8 hrs day.

③ Active devices :- CIL
BEL
BARC

(2)

II handling → poor

(Present ^{14/2} let us see this)

✓	Metal film Carbon comp Coils. Silver mica Capacit	} - 8 days back 5m - end of Feb delivery
---	--	---

Active device :-

IC's ←

Transistors ✓

Coils

wires

Connector

~~etc~~ Diodes +

14/2/74



✓ Specs Ready. + Configurations.

→ Test jig -

15 day - \$25 = 375.00
 15 days - \$12.5 = 187.50
 10% typ 37.50
 materials @ \$20/20 week = 40.00
 Internal Travel ~~40.00~~
690.00

\$690/-

Dep. B'bay 2nd March Morning 2:00 AM
 Wash Arrival 3rd March Evening

Monday 4th March to 5th March } → I TLU Washin.
 wed 6th March }
 ↓
 Friday 7th, 8th } ~~GSE~~ N.Y.
 (one day RCA?)
 N.J.
 Sat/Sunday ~~8th, 9th~~ 9, 10 Washington

~~Monday 10th Morning~~
 Monday 11th Morning - ~~N.Y. → N.J. RCA~~
 Tuesday ~~11th~~ 12th GSFC
 Wednesday 13th Chicago → Amphenol
 N.Y. → N.J. RCA
 Thursday 14th Chicago - Amphenol
 Amphenol Travel to Phoenix Arizona
 Friday 15th Motorola

16th }
17th } Weekend → || L.A. /
San Francisco.

Monday 18th

{ copy ^{concepts} ~~manuscript~~ } || ~~Salt Lake~~
Vancouver Take night flight.

Tuesday ~~18th~~ 19th

ITT San Ana
Calif.

Washington
ITLU.

Wed. 20th

GSFC / FI.

Thursday 21st }
Friday 22nd }

~~Wash~~ ?
N.Y. - Boston.

|| Sat 23rd } ~~ITLU~~
Sun 24 }

Washington
ITLU.

|| 25th

Wash

26th

→ Start for India

10/2/74

Kirpekar → ~~...~~

General - no special
Planning & Finance
Capital Budgeting
~~400 + 250~~ Total
Rs. 1200

Freddo in org
OR

①

Systems Analyst

② Iyer :
• Dev. of space tech.
• Use of computer prog for dev.
Pupa Bangalore

Salary acceptable
NO. in
(SNP)

③ Debiya, Telliya IAS. cost control Salary NO (SNP)

④ REDDY : OR, Logistics Plan Society. (OK)
Defer, RU, Spen No great here Salary NO (SNP)

⑤ R.B. Dilip : metallurgy, product OR subject
At work. Salary NO (SNP)

⑥ Prasanna : SDZ / 21000 basic.
From ~~...~~ Managerial ideas to be
promoted in Public sector. Optimal
subject

⑦ Hameed Sultan STE X

⑧ Dalal V.N. family pla

⑨ Nazareth JJ 10 curre // 40 curre //

⑩ SUBBARAMU Rs. 1400/-
(700 - 1250) slow X

⑪ G.R. SRINIVASAN OR. Fortran X

⑫ Thangaraj

⑬ Prem Nath 700 → 1250
850

Prem Nath
Basanna →
Kirpekar
Thangaraj

① John Kinsey
Resident Engineer
at Space Application & Center
Ah'd.

for the SITE for

from British Aircraft Corp

Bristol, Low

Brig. Bhasin
10.30 - 11.30
8:30 -

9-10

② Accompanied by

KULDEEP SHODHAN
Engineer, SAE

Narasimhan

Enir - for SITE

CIL

74163 x21

Ext- 55

Kunal
Krishnan