

Chairman's Use only

Remote Sensing at HQ
& Ravi

ISRO HEADQUARTERS

TO :

Rajan

FOR

- ADVICE/COMMENT
- DISCUSSION
- PLEASE DRAFT REPLY
- FILES RETENTION
- INFORMATION
- PERUSAL AND RETURN
- APPROPRIATE ACTION
-

NOTE (BELOW AND REVERSE)

My note
18/1/77

FROM

S. Kumar

DATE

2/4. 177

①

CHAIRMAN'S USE ONLY

18.1.77

To: Prof. S. Dhawan

From: Y. S. Rajan

Sub: An Order (draft) on Dr. Ravi Sharma's tasks

1.0 Of the four tasks (drafts) given to me by Chairman, this one is very complicated. I believe, that an Office order should not be too restrictive. At the same time, if Chairman declares Ravi as overall-in-charge of Remote Sensing & Meteorology in HQ, his interpretation seems to be to cut the coordination with others in HQ; this per se would not pose a problem, if his interfaces with some key persons at SAC were good. This unfortunately is not the case. Hence I present the elements of Remote Sensing Activity at HQ and the persons concerned.

2.0 The Elements of HQ role are:-

① Governmental interface such as
YSR Secretaries Committee's etc.

② - NRSA interface mainly as a
YSR Staff support to Chairman who is a member of NRSA Governing Council.

(2)

(3) Certain correspondence relating to User interface when Chairman initiates a program (e.g. with ONGC / Mr. Prasad) or some stray enquiries come ^{addressed} to ISRO or Chairman, ISRO or Scientific Secretary.

YSR

(4) Monitoring of aerial campaigns conducted by SAC (by themselves or with others)

(Chandra) SCS

RDS?

(5) Visual interpretation aspects which includes photographic facilities.

(Chandra) SCS

RDS?

(6) Computer processing aspects including the data products.

KSP

(7) Meteorology which involves Rocket meteorology, Satellite Receiving Station and data processing aspect.

MSN, RDS

PNJ, YSR

(8) Operational User Coordination from SAC — a general overseeing of it from HQ

(Chandra) SCS

RDS?

(9) Oceanography — a new element.

VS

(10) SEO Utilisation.

SCS, YSR

RDS?

(11) Inputs for future planning such as Microwave Sensors, ERS (satellite) study etc

SCS, YSR

RDS

(12) Remote Sensing Hardware & Earth Stations

YSR, PNJ, JPS

(3)

I have shown in red ink persons who do some ~~at~~ activity at HQ relating to various elements. ~~at ISRO HQ~~.

The problems in assigning a defined responsibility to Ravi are related to the coordination aspects of these elements within HQ.

My analysis is as under:-

- (1) KSP's knowledge of data processing should be drawn more and more with Remote Sensing; he is already doing it by various discussions with Mr. Kamat. ~~at~~ If & when Ravi takes charge of Remote Sensing, it should be clear to Ravi that he should utilise KSP to the full extent. Whether he will do, is doubtful to me.
- (2) In cost analysis & user interface Chandrasekhar at HQ is developing very well. Ravi should learn to interface with him, effectively.
- (3) In oceanography as I spoke with you earlier, Siddhartha is developing a keen interest and in fact soon be bringing out a document, about the utilisation of ISRO

(4)

technologies for oceanography research. This aspect may be kept in view also.

(4) As regards hardware for Remote Sensing, for Satellite Earth Stations Jai & myself have the necessary expertise.

For microwave remote sensing hardware, multispectral sensor hardware etc, the knowledge available is better with me and PN Jayaraman.

(5) On photography & visual interpretation Ravi is the best amongst HQ.

In view of the above, I feel Chairman may discuss with Ravi, myself, VS and KSP separately and then decide about the future ^{course} of action. ~~Probably~~ It will be better if Chairman discusses with Chandrasekhar also to have his broadly. Also importantly, the interface with SAC esp., Kamat, George Joseph & Baldev Sahai is to be considered. Ravi should learn to respect them as contributors to the ISRO programmes.

With the above, I end this note. May be Chairman, need not issue anything now.

(5)

When Chairman perhaps can wait till
the HQ is organised. But again in the
organisation of HQ also, how to place Ravi
will be a basic problem. I have raised
it ~~in~~ in my draft to you, given separately
(regarding HQ organisation).
More when we discuss.

Rajan
18/1/77.