

~~TOP SECRET~~



MINUTES

MEETING NUMBER 11

SPACE TECHNOLOGY ADVISORY GROUP

SUBJECT

REVIEW OF NRO ANNEX TO STG REPORT

17 June 1969

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Meeting #11 - 17 June 1969

PARTICIPANTS

[redacted]	SAFRD
Gen Stewart	SAFSL
Gen Berg	SAFSS
Gen Hedrick	AFRDS
Capt Geiger	SAFSS
Maj Geer	SAFSS
[redacted]	SAFSS

DISCUSSION

General Berg opened the meeting by reiterating that Dr. McLucas had asked for the comments of [redacted] and his group on the draft NRO Annex to the STG Report.

General Hedrick indicated that he felt a review of recent developments concerning the Space Transportation System (STS) would be appropriate. The group agreed and General Hedrick provided a short briefing (copy attached).

General Berg introduced Maj Geer who discussed an Aerospace Corp. paper which dealt with the interrelationship of the NRP with a STS.

[redacted] suggested that we should proceed with the business at hand and provided the following specific comments on the NRO draft.

Specific Comment on Page 10:

I feel that this paragraph is a bit too lukewarm for what you might get out of an STS System. This document has been forwarded already but I personally would at least have written here a statement of uncertainty saying that there are some interesting positions which require deep thought and analysis to see how a large up and down shuttle can be exploited to reduce costs in the satellite area. The paragraph is a little too negative, but I do not really expect the NRO to stand up and be counted as a full supporter and carry a large portion of the burden of the justification of the STS but, on the other

*NO - we should  
not start on this  
reduce cost of STS  
possible to  
the other*

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hand, you don't want to shoot it down: You want to join the crowd. The NRP is just one of the customers. In that sense, a positive attitude is something quite in order.



*Don't understand  
- not part of NRP  
www*

Editorial Comment Concerning Page 26:

Systems Chart. It would be helpful if the table contained not only the weight of the payload but also the launched dimensions thereof and the orbit requirements. I am sure this is available in other places.

*OK but  
4/3*

General Hedrick provided the following comments.

Editorial Comment:

I thought the history of the NRO might be better put into an annex.

*2/16/60*

Comment Concerning Page 10:

I agree with  that Page 10 is a pretty weak statement.

*No*

Comment on Orientation of Paper:

I found the paper oriented toward the relationship of the NRO with NASA. I feel that this is not correct and that the NRO's relationship with the total space program should have received more emphasis. I think some much stronger recommendations could be made by the NRP. I think that DOD recommendations as strong as the NASA ones could have been made.

*?*

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Comment on Summary:

The summary deals only with the NASA and ACDA relationships. This is misleading and the summary should be broadened so as to summarize the entire paper.

General Comment:

With the exception of the summary, I think it is extremely well written considering the audiences for which I understand it is intended.

General Berg agreed that the discrepancy concerning the summary is the major flaw in the paper and should be corrected.

General Stewart was called to Dr. McLucas's office during the meeting and provided the following comments to the secretary after the meeting.

General Comment:

This is a very good paper and should do the job very well.

Comment Concerning Page 9:

*Yes*  
The brief paragraph on MOL needs to be revised or deleted to take into account the cancellation. It should be called to Dr. McLucas's attention that a decision is required here -- whether or not to put in something about a part of MOL being kept alive.

ACTION ITEMS:

None.

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DEPARTMENT OF THE AIR FORCE  
WASHINGTON

OFFICE OF THE UNDER SECRETARY

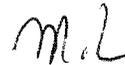
June 21, 1969

MEMORANDUM TO COLONEL LEW ALLEN

SUBJECT: Space Task Group

Today I met with Russ Hedrick and Nevin Palley and we agreed that there were certain recommendations for changes in the format of our annex to the Space Task Group report which deserves serious consideration. I would like to review this with you as soon as possible to see to what extent we can incorporate their recommendations in our annex. They said that the new draft of our report should be ready by July 7th, this does not give us too much time.

I understand our report is out to the various members of ExCom. We should check to see that any recommendations they have are back in our hands as soon as possible.



John L. McLucas

GOOD START

RECOMMENDATIONS

1. USE STG TS DOCUMENT FORMAT

REFERENCE SUPPORT ACTIVITY THERE-IN

" OBJECTIVE I

" INTERACTION TO DOD OFF/DEFENSE

2. ADD GEDDES, MAPPING, CHARTING

in D&D

← 3. ADD 417

4. ADD TECHNOLOGY - REFERENCE EDTS, ETC

5. ADD "SECONDARIES"

6. ADD PAYLOAD DIMENSIONS

7. PROJECT ACTIVITIES THRU '85

8. INTRODUCE OPTIONS FOR PROGRAMS

SIMILAR TO DOD PLAN - "CORE PLUS DELTAS"

No!

{ 9.

mic



Mtg w/ Pally & Hedrick (21 June 69)

N-ANNEX

Pally:

Excellent start.

Easier to use if format is same as basic.  
Show reference back to basic (on details).  
Show relation to objectives in basic.  
Show relation to

Add: Total opodesy/mapping that's black.  
Total net that's black.  
Strengthen section on technology:  
Forecast tech.  
Start part clear!

Suspense:

7 July - last draft

{ Transfer of black tech to white.  
(It goes well - should show way).  
✓ Secondaries (pqqy back etc) not shown.  
✓ Payback dimensions missing.  
Project thru 85 vice 80.

Re. McInnes to see  
how Allen on  
Monday on this.  
(w/Pally notes).

No! Show options at 3 levels like basic.  
(P-roy beef-up possibilities in (st 2)?  
No! Future requirements (advanced) not in.  
MOL portion be reviewed (VHR obj?)  
SIGWT requirements.

(Use of Spectra System (possible) shown.  
(50,000# to low orbit). (4.6b Start up)  
(Relates to 10000 to 30000).  
Ought to highlight things you feel strongly on.

P