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COMOR MAPPING, CHARTING, AND GEODESY WORKING GROUP

Minutes of Meeting Held in Room 5B2830  
Central Intelligence Agency, Langley  
2 pm--3:30 pm, 26 April 1965

PRESIDING

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[Redacted]  
Chairman

MEMBERS PRESENT

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[Redacted]

Mr. G. W. Wolf, Navy  
Mr. A. M. Eldridge, Air Force

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Mr. M. W. Matthews, Army

CONSULTANTS PRESENT

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[Redacted]

Requirements for 1019-J and 1021-J

1. The Working Group reviewed the status of mapping and charting requirements for 1019-J and 1021-J, the latter being the special event mapping, charting, and geodesy mission. The requirements approved in COMOR-M-308, paragraph 6e, and published in COMOR-D-56/66-10 will apply to both missions. [Redacted] reported that there were some minor adjustments required in that statement of requirements. These adjustments will be provided to the Chairman who will issue an MCGWG document containing the approved requirements for future reference (see MCGWG-D-1/1).

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2. In this connection, [Redacted] reported that the Army Map Service has been designated responsible for maintaining an index of coverage acquired--an action which will be undertaken immediately after

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TOP SECRET

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TOP SECRET

MCGWG-M-1

25X1

each mission, whether it is a regular KH-4 or a special event mission. The results will be provided immediately directly to the NRO and will be reported likewise to the MCGWG so that it may determine requirements for a next upcoming mission.

3. Also in this connection [redacted] reported that the angle of inclination for Mission 1021-J was finally determined at 70 degrees with a near circular orbit at about 110 nautical miles altitude.

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Distribution of Duplicates from Mission 1021-J

4. [redacted] reported that he would have a DoD recommendation on the above subject within the next week or ten days. [redacted] of NPIC will provide a statement of NPIC's needs to the Chairman. The latter will then issue a document for MCGWG consideration at the next meeting.

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The Next Special Event Mission

5. The Working Group canvassed the scheduling of their activities with regard to the second of the two Board approved special event missions for mapping, charting, and geodesy. It is not anticipated that the mission will be recommended prior to September with a probable preference for later in the year. [redacted] assured that guidance both as to technical parameters and programming would not be needed by his office earlier than approximately 35 days prior to the desired launch date. The importance of examining the results of 1021-J was emphasized as well as the mapping, charting, and geodesy results of regular KH-4 missions in determining the optimum time for the second special MC&G mission in 1965.

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6. Mention was also made of the possibility of delaying this second special mission until early 1966 in the event that the reseau and the three-inch stellar camera might be available. [redacted] reaffirmed that January 1966 was the earliest date given by [redacted] to the Board; [redacted] felt that it would be more likely later than earlier. The Chairman expressed some surprise at the thought of such possible delay in view of the fact that the Board had been assured of the value of

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TOP SECRET

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TOP SECRET

MCGWG-M-1

25X1

the special event missions without reseau and three-inch stellar and the need to proceed urgently at the rate of two special event missions per year for the next three years.

7. It was indicated that the military departments are carefully examining the technical parameters of the next special mission, giving particular attention to the values to be obtained by an orbit at approximately 300 miles altitude. Meanwhile, however, it was recognized that there was no useful purpose to be served by discussing in the MCGWG prior to 15 July at the earliest matters bearing on the next special mission although members should feel free to raise questions if necessary.

KH-7 Free Wheeling

8. [redacted] raised the question as to which of the one million square miles in the USSR were not yet covered adequately for MC&G purposes. The Working Group agreed that the areas were within the present "holidays" assigned for intelligence collection; therefore, no additional advice is required.

9. [redacted] indicated the possibility of the use of the one and one-half-inch SI free wheeling on the KH-7 mission after the one shortly to be launched. He pointed out that free wheeling means that the SI coverage could be obtained separately from and without detriment to the regular coverage programmed for the KH-7. He agreed to advise the Working Group at its next meeting whether this possibility was firm. The Group accepted his offer to provide a briefing on the KH-7 free wheeling arrangement.

Photography for City Plans

10. [redacted] indicated that there is the possibility currently to use extra film in the KH-7 missions for photography of cities for which city plans are necessary. [redacted] indicated that this subject had been discussed by the COMOR Photo Working Group and referred back to DIA for further examination since it is known that some of the cities are already covered by adequate photography. [redacted] offered to make the results of the re-study available to the Chairman by cob on

TOP SECRET

TOP SECRET

MCGWG-M-1

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Next Meeting

11. The next meeting was called for 11 May at 2 pm at which time the items indicated in paragraphs 4 and 9 above would be considered. The Chairman invited any member to be in touch with him to discuss additional agenda items as early as possible, preferably not later than the Wednesday preceeding the 11th. However, he emphasized the importance of meeting the needs both of the consumers and the NRO and that the Working Group would have to be prepared to act on short notice on occasion.

Need for Further ARGON Shots

12. The Chairman asked whether there was need for additional AEGON missions. There was cursory discussion of that subject. However, [redacted] stated that there needed to be a lot of study of this question in the military departments before it could be usefully considered at the MCGWG.

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[redacted]  
Chairman  
COMOR MCG Working Group

- Copy 1 DIA TCO (Col. [redacted])
- 2, 3 DIA TCO (Mr. [redacted])
- 4, 5 Army TCO (Mr. Matthews)
- 6, 7 Navy TCO (Mr. Wolf)
- 8, 9 Air Force TCO (Mr. Eldridge)
- 10, 11 CIA Member ([redacted])
- 12 NRO ([redacted])
- 13 NPIC ([redacted])
- 14 State TCO (Mr. McAfee)
- 15 NSA TCO ([redacted])
- 16-19 Ch/MCGWG

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TOP SECRET