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MCGWG-M-17

COMOR MAPPING, CHARTING, AND GEODESY WORKING GROUP

Minutes of Meeting Held in Room 5B2830
Central Intelligence Agency, Langley
1400-1700, 13 June 1966

PRESIDING

25X1A

Chairman

MEMBERS PRESENT

25X1

Mr. M. W. Matthews, OACSI

Mr. D. L. Holben, AFNIN

25X1

CONSULTANTS PRESENT

25X1

MC&G Requirements for

1. The Chairman referred to the draft on the above subject as prepared by his office and circulated to members of the Working Group on 2 June 1966, and stated that our principal order of business was to receive comments and make revisions, as appropriate, on the draft paper in concern. The Working Group completed review of about 2/3 of a draft paper, during which the principal areas of discussion centered around the significance of tradeoffs affecting development activity, capabilities of systems (including current geodetic improvements, and concern as to whether additional technical details involving design criteria be established for inclusion in the paper.

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Progress on Pan Geometry

25X1A 2. [redacted] of NRO stated that recent reviews with the contractor had disclosed that progress on calibrating the KH-4 panoramic camera for geometric purposes was falling far short of design goals in that repeatability tests carried out under laboratory conditions were not showing satisfactory results.

25X1A [redacted] indicated that this development work by the contractor will continue, but while systems PG-1 and PG-2 might provide some calibration information of interest, they could not be expected to provide much improved data during early missions.

Validation of Photogrammetric Control Net Accuracy Requirements

3. In connection with item 1, above, [redacted] stated that it would be necessary to change accuracy requirements data based on recent validation actions. He referred to the accuracy requirements for photogrammetric control net. It had been indicated tentatively in DoD recommendations submitted to COMOR on 16 December 1965 to 1:5,000 horizontally, and 1:20,000 vertically. It had been concluded earlier that missiles with ranges of 20-500 miles were expected to require accuracy, but recent validation actions had indicated that the photogrammetric control net accuracy requirement for such missiles was not more demanding than required for long range missiles. Accordingly, DoD would again review the accuracy requirement for photogrammetric control net for the orderly production of continuous coverage of maps and charts (approximately 1:5,000 accuracy), and would have revised figures in 10 days to 2 weeks that could be included in the requirements paper before forwarding to the USIB.

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25X1A [redacted]
Chairman
COMOR MCG Working Group

25X1A Copy 1 DIA TCO ([redacted])
2, 3 DIA TCO ([redacted])
4, 5 Army TCO (Mr. Matthews)
6, 7 Navy TCO (Mr. Wolf)
8, 9 Air Force TCO (Mr. Eldridge)
25X1A 10, 11 CIA Member [redacted]
25X1A 12, 13 NRO ([redacted])
14, 15 NPIC
16 State TCO (Mr. Moyer)
25X1A 17 NSA TCO [redacted]
18 CIA COMOR Member
19, 20 Ch/EWG
21-25 Ch/MCGWG

[redacted] 25X1
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[redacted]