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**ENVELOPE**

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**HEADER**

R  
291655Z APR 88  
FM JCS WASHINGTON DC

INFO (b)(3):10 USC 424

R

291155Z APR 88  
FM DIA WASHINGTON DC// (b)(3):10 USC 424

TO (b)(3):50 USC 3024(i)  
INFO RUHQQA/USCINCPAC HONOLULU HI/ (b)(3):50 USC 3024(i)

RHHMBRA/ (b)(3):50 USC 3024(i)  
RUCJACC/USCINCENT MACDILL AFB FL/ (b)(3):50 USC 3024(i)  
BT

**CONTROLS**

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PASS TO DIA REP (b)(6)

/\*\*\*\*\* THIS IS A COMBINED MESSAGE \*\*\*\*\*/

**BODY**

SUBJ: NOB HARDCOPY PRODUCTION (U)  
REFS: 1. MSG 050440Z MAR 88, FICPAC PEARL HARBOR, HI,  
SAB.

2. FICPAC POINT PAPER, 16 FEB 88, SAB (NOTAL).  
1. (U) AS BACKGROUND FOR ADDRESSEES NOT ON ORIGINAL MESSAGE,  
REFERENCE 1. REQUESTED THAT DIA'S ASSISTANT DEPUTY DIRECTOR FOR  
RESEARCH [redacted] AS THE FUNCTIONAL MANAGER FOR GENERAL MILITARY  
INTELLIGENCE (GMI) PRODUCTION, TAKE FOR ACTION A RECOMMENDATION  
FROM THE FLEET INTELLIGENCE CENTER, PACIFIC (FICPAC) TO  
ELIMINATE OR REDUCE THE NAVAL ORDER OF BATTLE (NOB) HARDCOPY  
FORMAT, SUBSTITUTING ALTERNATIVE FINISHED PRODUCT MEDIA. THIS  
TASK WAS ASSIGNED TO THE PRODUCTION FUNCTIONAL MANAGER'S OFFICE

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IN [redacted] WHICH HAS STAFFED A COORDINATED RESPONSE.

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## 2. (U) FICPAC PRODUCTION.

A. ~~(S)~~ FICPAC, A DEFENSE INTELLIGENCE DELEGATED PRODUCER FOR THE NATIONAL DATA BASE UNDER THE DELEGATED PRODUCTION PROGRAM (DPP), MAINTAINS ON-LINE DATA BASE FILES FROM WHICH IT ANNUALLY PRODUCES SIX NOB HARDCOPIES. THESE PRODUCTS SUPPORT BOTH USPACOM AND USCENTCOM, AS WELL AS NUMEROUS NATIONAL-LEVEL AND OTHER CONSUMERS. THE SIX NOB HARDCOPIES ARE AS FOLLOWS:

- (1) ~~(S)~~ NOB, VOLUME III, PART II: PERSIAN GULF AND ARABIAN PENINSULA, DDB-12U0-103-YR, PART II
- (2) (U) NOB, VOLUME IV, PART II: EAST AFRICA AND THE INDIAN OCEAN ISLANDS, DDB-1200-104-YR, PART II.
- (3) (U) NOB, VOLUME V: SOUTH-CENTRAL ASIA, DDB-1200-105-YR.
- (4) (U) NOB, VOLUME VI: SOUTHEAST ASIA AND SOUTHWEST PACIFIC, DDB-1200-106-YR.
- (5) (U) NOB, VOLUME VII, PART II: REPUBLIC OF KOREA, JAPAN, AND TAIWAN, DDB-1200-107-YR, PART II.
- (6) (U) NOB, VOLUME VII, PART III: DEMOCRATIC PEOPLE'S REPUBLIC OF KOREA, DDB-1200,107-YR, PART III.

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B. ~~(S)~~ FICPAC, IN AN EFFORT TO IMPROVE TIMELINESS AND PRODUCT VALUE TO CONSUMERS, AND NOTING TODAY'S CONSTRAINED RESOURCE ENVIRONMENT AND IMPROVING DATA SYSTEM CAPABILITIES, HAS IDENTIFIED NOB HARDCOPY PRODUCTION AS AN AREA FOR REDUCTION.

C. ~~(S)~~ FICPAC REMAINS CONCERNED THAT THE NOB HARDCOPY MEDIUM DISSERVES THE CONSUMER. THEY BELIEVE THAT CUSTOMER REQUIREMENTS CAN BE BETTER MET BY ALTERNATIVE PRODUCT MEDIA, AND THAT SUBSTANTIAL DOLLAR SAVINGS WILL ALSO OCCUR. FICPAC CURRENTLY SPENDS APPROXIMATELY 300 THOUSAND DOLLARS ANNUALLY TO PRODUCE THE SIX NOB HARDCOPY VOLUMES WHICH ARE DISSEMINATED TO APPROXIMATELY 1500 CONSUMERS WORLDWIDE. EXAMPLES OF HARDCOPY CONSUMERS INCLUDE THE FOLLOWING: OSD/OUSSDP, OSD/PA&E, NATIONAL DEFENSE UNIVERSITY, JCS/J-5, DIA, ~~(S)~~ HQDA, HQ 23RD AIR FORCE, TAC 480 RTG, USCINCEUR, CINCLANTFLT, NPIC, CIA, NSA, NISC, USS MIDWAY, USS RANGER, USNMR SHAPE, AND ~~(S)~~ CUSTOMER REQUIREMENTS ARE CENTRALLY VALIDATED AND MANAGED BY DIA'S REQUIREMENTS AND VALIDATION BRANCH ~~(S)~~ CENTRAL REFERENCE DIVISION, ASSISTANT DEPUTY DIRECTOR FOR TECHNICAL SERVICES AND SUPPORT.

D. (U) FICPAC CONDUCTED AN EVALUATION OF THE HARDCOPY

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REQUIREMENT AND SUBSEQUENTLY PROVIDED DIA/ [REDACTED] (EASTERN DIVISION) WITH A POINT PAPER (REF B). THE FEBRUARY 1988 PAPER PROPOSED SOME ALTERNATIVE MEDIA FOR CONSUMERS TO OBTAIN THE NOB DATA VICE THE ANNUAL NOB HARDCOPY: (1) DIAOLS/COINS; (2) "SPECIAL-ORDER" COMPUTER PRINTOUTS; AND (3) QUARTERLY NOB MESSAGES. [REDACTED] WOULD ADD FLOPPY DISKS AS ANOTHER ALTERNATIVE.

3. (U) DISCUSSION.

A. ~~(S)~~ THE DPP REQUIRES DIA OR THE DELEGATED PRODUCER (I.E., FICPAC) TO PREPARE STANDARD HARDCOPY PRODUCTS BASED ON VALIDATED CONSUMER REQUIREMENTS. [REDACTED] AS THE DEFENSE INTELLIGENCE VALIDATION AUTHORITY, CURRENTLY HOLDS APPROXIMATELY 1500 VALIDATED REQUIREMENTS FOR THE SIX FICPAC-PRODUCED VOLUMES OF NOB (SEE PARA. 2.C. ABOVE).

B. (U) HARDCOPY OB'S SATISFY SEVERAL CONSUMER REQUIREMENTS, SUCH AS RETENTION BY CENTRAL REFERENCE FACILITIES, EMERGENCY BACKUP USE DURING DATA SYSTEM FAILURES, AND USE BY CUSTOMERS WITHOUT ADP CONNECTIVITY OR CAPABILITY. ALL OF THESE REQUIREMENTS FOR DEFENSE INTELLIGENCE ORDER OF BATTLE DATA ARE STILL VALID TODAY.

C. (U) IT IS RECOGNIZED THAT, AS THE DEFENSE INTELLIGENCE

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COMMUNITY MOVES FURTHER INTO THE AGE OF ADVANCED TECHNOLOGY, THERE SHOULD BE LESS EMPHASIS ON HARDCOPY PRODUCTS. INDEED, THE REDUCTION IN HARDCOPY SHOULD AND MUST BE ENCOURAGED; NEVERTHELESS, VALID CUSTOMER REQUIREMENTS FOR HARDCOPY PRODUCTION IN SOME FORM MUST CONTINUE TO BE SUPPORTED.

D. (U) IN ORDER TO ENCOURAGE THE USE OF MEDIA ALTERNATIVES TO THE DEFENSE INTELLIGENCE STANDARD PRINTED HARDCOPY PRODUCTS, CONSUMERS' VALIDATION OPTIONS MUST BE EXPANDED.

E. ~~(S)~~ THE APPROPRIATE STEP AT THIS TIME SEEMS TO BE A SCRUBBING OF THE NOB HARDCOPY DISSEMINATION REQUIREMENTS, BY IDENTIFYING THOSE CONSUMERS WHO CAN NOW RECEIVE NOB DATA IN ALTERNATE FORMS (I.E., VIA ON-LINE DIAOLS/COINS, SPECIAL-ORDER COMPUTER PRINTOUTS OR FLOPPY DISKS PRODUCED BY FICPAC, AND/OR RECEIPT OF FICPAC QUARTERLY NOB SUMMARY MESSAGES).

4. (U) DISSEMINATION ALTERNATIVES. EACH OF THE ALTERNATIVE MEDIA FOR NOB DATA HAVE BOTH ADVANTAGES AND DISADVANTAGES, AS FOLLOWS:

A. ~~(S)~~ DIAOLS/COINS. MOST CONSUMERS DO NOT HAVE DIRECT ACCESS TO DIAOLS/COINS. FOR THOSE WHO DO, THE UNRELIABILITY OF DIAOLS/COINS IS RECOGNIZED THROUGHOUT THE DEFENSE INTELLIGENCE

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COMMUNITY. THE MIIDS/IDB EFFORT IS IN ESSENCE A RESPONSE TO THESE INADEQUACIES, BUT WILL NOT BE FULLY OPERATIONAL UNTIL THE EARLY TO MID-90'S. THE ADVANCED COMMUNICATIONS ENVIRONMENT OF THE 1990'S WILL UTLIMATELY PROVIDE THE DATA SYSTEM INTERCONNECTIVITY AND DEPENDABILITY THAT WILL ALLOW FOR INCREASED USE OF ALTERNATIVE PRODUCTION MEDIA.

B. ~~(S)~~ SPECIAL-ORDER COMPUTER PRINTOUTS. WITHIN THE USPACOM THEATER, GREATER RELIANCE ON COMPUTER PRINTOUTS SEEMS A WORKABLE ALTERNATIVE, ALTHOUGH THERE ARE MORE PROBLEMS IN THE USCENTCOM AOR. RELIANCE ON "SPECIAL ORDERING" DOES NOT APPEAR TO BE A VIABLE OPTION FOR THE MANY CONSUMERS OUTSIDE THE THEATER. IN ADDITION, SPECIAL-ORDER COMPUTER PRINTOUTS, IF THE DEMAND WERE HIGH, COULD ACTUALLY COST MORE SINCE SECONDARY DISSEMINATION CAN BE MORE EXPENSIVE THAN INITIAL HARDCOPY PUBLICATION.

C. ~~(S)~~ FICPAC QUARTERLY. THE FICPAC QUARTERLY NOB SUMMARY MESSAGES, WHICH PROVIDE TIMELY INTELLIGENCE TO THE CONSUMER, COULD WITH MODIFICATIONS, REPLACE THE HARDCOPY NOB FOR MANY CONSUMERS. IF THE FICPAC QUARTERLY REPLACED THE HARDCOPY NOB, IT SHOULD BE REDESIGNATED A DEFENSE INTELLIGENCE PRODUCT

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PRODUCED BY FICPAC. DIA WOULD NEED TO COORDINATE ON THE QUARTERLY MESSAGE BEFORE DISSEMINATION, JUST AS DIA, [ ] ELEMENTS PRESENTLY COORDINATE ON THE NOB HARDCOPY BEFORE PUBLICATION. THIS PROCESS PROVIDES FOR AGREEMENT WITHIN THE DEFENSE INTELLIGENCE COMMUNITY BEFORE PUBLICATION.

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D. ~~(S)~~ FLOPPY DISK. ANOTHER ALTERNATIVE FOR DISSEMINATION OF NOB DATA WOULD BE VIA FLOPPY DISK, WHICH [ ] IS PRESENTLY USING (IN ADDITION TO THE HARDCOPY PUBLICATION) FOR DISSEMINATION OF THE DEFENSE INTELLIGENCE PRODUCTION SCHEDULE (DIPS). THIS MEDIUM SHOULD BE A VERY ATTRACTIVE ALTERNATIVE FOR THOSE CUSTOMERS WHO HAVE EXTENSIVE AUTOMATED SYSTEMS INCLUDING PERSONAL COMPUTERS WITH COMPATIBLE SOFTWARE. CONSIDERATIONS

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INCLUDE SUCH FACTORS AS THE AMOUNT OF DATA AND THE RELIABILITY OF THE ADP SYSTEMS. DIA/[ ] WILL NEED TO ADJUST MANY OF ITS DOCUMENTS TO REFLECT FLOPPY DISKS AS AN ALTERNATIVE OUTPUT MEDIUM IN SUCH PUBLICATIONS AS THE COLLATERAL RECURRING DOCUMENT LIST (CRDL), DRS-2600-4751-87.

5. (U) CONCLUSIONS.

A. ~~(S)~~ THE REDUCTION OF NOB HARDCOPY PRODUCTION BY THE DEFENSE INTELLIGENCE COMMUNITY (I.E., DIA AND THE DELEGATED

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PRODUCERS) IS AN ULTIMATE GOAL THAT THE GMI PRODUCTION FUNCTIONAL MANAGER SUPPORTS. AS [REDACTED] SO APTLY HIGHLIGHTS IN ITS COMMENTS TO THE FICPAC REQUEST, ELIMINATION OR REDUCTION OF HARDCOPY PRODUCTION "REPRESENTS BOTH A COST-EFFECTIVE AND FUTURISTIC MANAGEMENT ACTION." IN ORDER TO REACH SUCH A GOAL, HOWEVER, ALTERNATIVE OUTPUT MEDIA MUST BE ACCEPTABLE AND MEET THE REQUIREMENTS OF OB CONSUMERS.

B. (U) DIA [REDACTED] BELIEVES IT IS VITALLY IMPORTANT TO SYSTEMATICALLY RESEARCH AND STAFF THIS INITIATIVE FOR ALTERNATIVE OUTPUT MEDIA, WHICH POTENTIALLY PROVIDES IMPROVED TIMELINESS AND PRODUCT VALUE TO CONSUMERS. THIS INITIATIVE COULD SET THE STANDARD FOR OVERALL DEFENSE INTELLIGENCE PRODUCTION AND

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DISSEMINATION.

C. (U) ACCORDINGLY, FICPAC, IN CONJUNCTION WITH [REDACTED] SHOULD SYSTEMATICALLY REVIEW THE VALIDATED CUSTOMER REQUIREMENTS AND IDENTIFY THOSE CUSTOMERS WHOSE REQUIREMENTS CAN BE SATISFIED BY "ALTERNATIVE NOB DATA." IN-THEATER CONSUMERS SEEM THE MOST LIKELY CANDIDATES. IT SEEMS APPROPRIATE THAT ALL CUSTOMERS BE SURVEYED INDIVIDUALLY TO SEE IF THEY FAVOR REVALIDATING THEIR REQUIREMENTS FOR ALTERNATIVE MEDIA.

D. (U) FICPAC'- COMMENDABLE INITIATIVE OF PROVIDING SPECIAL-ORDER PRINTOUTS SHOULD BE CONTINUED AND EXPANDED BASED ON COST AND BENEFIT CONSIDERATIONS. HOWEVER, SUGGEST THAT FICPAC DETERMINE THE PER COPY COST OF COMPUTER PRINTING AND DISSEMINATION OF EACH OF THE SIX NOB VOLUMES. IT WOULD BE USEFUL TO COMPARE THIS COST TO THE PER COPY COST OF THE HARDCOPY NOB. IN PREPARING THIS COMPARISON, FACTOR IN ALL COSTS FOR BOTH THE COMPUTER-PRINTOUT AND THE PUBLISHED HARDCOPY. IN ADDITION, COSTS ASSOCIATED WITH FLOPPY DISK MEDIA WOULD ALSO BE VERY USEFUL. WHILE DOLLAR COSTS ALONE LIKELY WILL NOT BE A FINAL DETERMINANT (INCREASED TIMELINESS, RESPONSIVENESS TO CONSUMER

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NEEDS ARE MORE IMPORTANT), IT WILL FACTOR INTO DISCUSSIONS.

6. (U) ACTIONS:

A. (U) DIA ELEMENTS [REDACTED] SHOULD DEVELOP A SURVEY MESSAGE FORMAT FOR FICPAC REVIEW AND APPROVAL BY 27 MAY 1988. LEAD: [REDACTED]

B. (U) BASED ON CONSUMER ADDRESS LIST SUPPLIED BY [REDACTED] 2, AND THE FICPAC APPROVED SURVEY FORM, DIA WILL CONDUCT A

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SURVEY OF ALL CONSUMERS OF FICPAC NOB PRODUCTS TO ASCERTAIN PREFERRED OUTPUT MEDIUM FOR NOB DATA. RESULTS TO BE PROVIDED TO THE GMI PRODUCTION FUNCTIONAL MANAGER BY 29 JULY 1988. LEAD:

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C. (U) BY 30 JUNE 1988, FICPAC SHOULD PROVIDE DIA [ ] AN ESTIMATE OF THE PER COPY COST OF COMPUTER PRINTOUTS, HARDCOPY, AND FLOPPY DISKS FOR EACH OF ITS SIX NOB VOLUMES. LEAD:

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D. (U) BY 31 AUGUST 1988, DIA [ ] AND [ ] SHOULD MAKE PROVISION TO ADJUST FUTURE DOCUMENTATION TO REFLECT FLOPPY DISKS, MACHINE GENERATED PRINTOUTS, AND ELECTRICAL (QUARTERLY) SUMMARIES AS ALTERNATIVE OUTPUT MEDIA FOR DEFENSE INTELLIGENCE PRODUCTS. LEAD: DIA/ [ ]

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E. (U) BASED ON RESULTS OF SURVEY IN PARA. 6. B., AND ASSUMING A FAVORABLE DECISION TO PROCEED, DIA AND FICPAC SHOULD INITIATE DISSEMINATION DURING FISCAL YEAR 1989 OF OB DATA IN THE FORMATS INDICATED BY CONSUMER PREFERENCE RESULTING FROM THE SURVEY.

7. (U) APPROPRIATE DIA [ ] PERSONNEL WOULD BE PLEASED TO DISCUSS THIS ENTIRE ISSUE IN DETAIL WITH [ (b)(6) ] DURING HER VISIT TO DIA TO ATTEND THE MIIDS/IDB CONFERENCE ON 10-12 MAY 1988. DIA POC IS [ (b)(3):10 USC 424;(b)(6) ]

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