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N REPLY DIIC-RSM (FOIA 96-247)

JAN. 3 1997

Mr. John Greenewald, Jr.

Dear Mr. Greenewald:

This is in response to your letter of December 19, 1996, received in this office December 26, 1996, requesting information under the Freedom of Information Act (FOIA). Under Department of Defense (DoD) rules implementing the FOIA, published at 32 CFR 286, your request was categorized as "other."

Enclosed are bibliographies for documents related to the keywords Project Plato. The bibliographies may contain some documents that do not apply to the specific subject area(s) in which you are interested; however, to eliminate any of the key search terms would also eliminate documents that do apply to your subject area(s) of interest. The documents listed on Enclosure 1 have been approved for public release and nay be obtained from the National Technical Information Service (NTIS', 5285 Port Royal Road, Springfield, VA 22151. NTIS sells such documents to the general public. Documents may be ordered by telephone at (703) 487-4650. Be sure to include the AD numbers when requesting the documents.

Enclosure 2 is a bibliography containing unclassified citations (excluding abstracts) to classified and/or unclassified/limited distribution documents related to your request. These documents and/or their abstracts may only be released by the controlling activity. Requests for these documents and/or abstracts should be forwarded to the controlling activity, usually identified in field 22 of the citation. Documents with no controlling activity identified can be researched by this office upon request.

The search effort related to your request did not exceed the 2 hours provided to "other" category requesters at no charge; therefore, there are no assessable fees for services from the Defense Technical Information Center at this time. If you have any questions, please call me at (703) 767-9194.

S_ncerely,

2 Encl

KELLY D. AKERS

FOIA Program Manager

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AD NUMBER
           ***************
                                              A950042
 FIELD 5: SOURCE NAME
                                     CONTINENTAL ARMY COMMAND FORT MONROE VA
FIELD 8: UNCLASS. TITLE
                                     REPORT OF THE USCONARC TRAINING INNOVATIONS CONFERENCE (1ST) CONDUCTED AT THE
                                     US ARMY INFANTRY CENTER, FORT BENNING, GEORGIA, 17-18 SEPTEMBER 1968.
FIELD 9: DESCRIPTIVE NOTE
FIELD 10: PERSONAL AUTHORS
FIELD 11: REPORT DATE
                                     03 DEC 88
FIELD 12: PAGINATION
                                       201P
FIELD 13:
          SOURCE ACRONYM
FIELD 14:
          REPORT NUMBER
FIELD 15:
          CONTRACT NUMBER
          MONITOR SERIES
FIELD 19:
FIELD 20:
          REPORT CLASS
FIELD 22: ALPHA LIMITATIONS
FIELD 27: ABSTRACT
FIELD 28: ABSTRACT CLASS.
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AD NUMBER ****************
                                      FIELD 5: SOURCE NAME
                                    RAND CORP SANTA MONICA CA
FIELD 6: UNCLASS. TITLE
                                    A NETWORK GRAPHICAL CONFERENCING SYSTEM.
FIELD 9: DESCRIPTIVE NOTE
                                    INTERIM REPT. .
FIELD 10: PERSONAL AUTHORS
                                    O'BRIEN, MICHAEL T. :
FIELD 11:
          REPORT DATE
                                       AUG 79
FIELD 12:
          PAGINATION
                                       32P
FIELD 13:
          SOURCE ACRONYM
FIELD 14: REPORT NUMBER
                                    RAND/N-1250-ARPA
FIELD 15: CONTRACT NUMBER
                                    MDA903-78-C-0029, ARPA ORDER-3460
FIELD 19: MONITOR SERIES
FIELD 20: REPORT CLASS
FIELD 22: ALPHA LIMITATIONS
FIELD 27: ABSTRACT
                                    THIS REPORT DESCRIBES DESIGN GOALS FOR A NETWORK-ORIENTED, COLOR GRAPHICAL
                                    CONFERENCING SYSTEM DESIGNED TO ALLOW SEVERAL PEOPLE TO CONFER SIMULTANEOUSLY OVER A
                                    NETWORK. USERS SHARE A COMMON DISPLAY, DIVIDED INTO INDIVIDUAL 'WINDOWS' FOR EACH
                                    USER, AND A COMMON GRAPHICAL 'BLACKBOARD' WINDOW WHERE USERS SKETCH AND MODIFY A FULL-
                                    COLOR DISPLAY. THE DISPLAY USES BIT-MAP COLOR RASTER-SCAN TECHNOLOGY. EACH USER'S
                                    WINDOW IS IDENTIFIED WITH HIS NAME AND LOCATION. TEXT APPEARS IN THE WINDOW AS IT IS
                                    TYPED. SEVERAL USERS MAY TYPE TEXT SIMULTANEOUSLY. A SPECIAL IDENTIFYING SYMBOL
                                    APPEARS IN THE WINDOW OF A USER WHO IS SKETCHING. SEVERAL SIMULTANEOUS CONFERENCES CAN
                                    BE ACCOMMODATED; USERS MAY REQUEST A DISPLAY SHOWING WHO IS PARTICIPATING IN WHICH
                                    CONFERENCES. CONFERENCES MAY BE 'LOCKED' TO PREVENT OTHERS FROM JOINING.
FIELD 28: ABSTRACT CLASS.
AD NUMBER
           *************
                                      FIELD 5: SOURCE NAME
                                    SAN DIEGO STATE UNIV CALIF
FIELD 6: UNCLASS. TITLE
                                    THE GRAPHICS TERMINAL DISPLAY SYSTEM: A POWERFUL GENERAL-PURPOSE
                                    CAI PACKAGE.
FIELD 9: DESCRIPTIVE NOTE
                                    TECHNICAL REPT. JUN 74-APR 75.
FIELD 10: PERSONAL AUTHORS
                                    HORNBECK, FREDERICK WM. ; BROCK, LYNN ;
FIELD 11: REPORT DATE
                                       DEC 75
FIELD 12:
          PAGINATION
                                       83P
FIELD 13:
          SOURCE ACRONYN
FIELD 14: REPORT NUMBER
FIELD 15: CONTRACT NUMBER
                                    N61339-73-C-0184
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PAGE

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T92043

		2043 TR-76-25 U
	ABSTRACT	THE REPORT DESCRIBES A SYSTEM DEVELOPED TO SUPPORT RESEARCH AND DEVELOPMENT IN COMPUTER-BASED INSTRUCTION. A POWERFUL AND VERSATILE CAI LANGUAGE WAS DEVELOPED WHICH ALLOWS AUTHORS TO PRESENT MATERIALS ON A GRAPHIC DISPLAY, ON SLIDES, OR BY MEANS OF VOICE SYNTHESIZER. THE LANGUAGE WAS DEVELOPED ON AN IBM 360/50 COMPUTER AND IS TRANSPORTABLE TO OTHER SIMILAR MACHINES. COMPARISONS ARE MADE BETWEEN THIS SYSTEM AND OTHERS, SUCH AS PLANIT, PLATO, AND TICCIT.
FIELD 28:	ABSTRACT CLASS.	U .
AD NUMBER	*************	**** AQ19514 ************************************
	SOURCE NAME UNCLASS. TITLE	NAVY PERSONNEL RESEARCH AND DEVELOPMENT CENTER SAN DIEGO CALIF USE OF AN INTERACTIVE GENERAL-PURPOSE COMPUTER TERMINAL TO SIMULATE TRAINING EQUIPMENT OPERATION.
	DESCRIPTIVE NOTE PERSONAL AUTHORS	TECHNICAL REPT. JAN 74-JUN 75, LAHEY,GEORGE F.;CRAWFORD,ALICE M.;HURLOCK,RICHARD E.;
FIELD 11:	REPORT DATE	NOV 75
FIELD 12: FIELD 13:	PAGINATION Source Acronym	35P
FIELD 14:	REPORT NUMBER	NPRDC-TR-76-19
	CONTRACT NUMBER MONITOR SERIES	
	REPORT CLASS ALPHA LIMITATIONS	U Company of the comp
FIELD 27:		THE RESEARCH EXAMINED A COMPUTER-BASED SIMULATION OF OPERATIONAL EQUIPMENT AS A
		POTENTIALLY COST-EFFECTIVE TRAINING MODE. CAI MATERIALS SIMULATING USE OF THE SIMPSON 260-1 MULTIMETER WERE PRESENTED TO EXPERIMENTAL STUDENTS AT PLATO IV TERMINALS WHERE THE FRONTAL TOPOGRAPHY AND EXTERNAL OPERATIONS OF THE MULTIMETER WERE SIMULATED BY COMPUTER GRAPHICS. CONTROL STUDENTS LEARNED THE MATERIAL FROM SELF-PACED MODULE BOOKLETS. COMPARISONS OF THE TWO GROUPS REVEALED NO SIGNIFICANT DIFFERENCE IN WRITTEN OR PERFORMANCE TESTS, BUT EXPERIMENTAL STUDENTS SPENT MORE TIME IN TRAINING. IT WAS CONCLUDED THAT SIMULATIONS OF EQUIPMENT ON AN INTERACTIVE GENERAL-PURPOSE COMPUTER TERMINAL, SUCH AS THE PLATO IV, ARE PRACTICAL AND COULD PROVIDE AN ALTERNATIVE TO THE PURCHASE OF SPECIAL TRAINING EQUIPMENTS.
FIELD 28:	ABSTRACT CLASS.	ti
AD NUMBER	********	**** A017399 ***********************************
FIELD 6:		ILLINOIS UNIV AT URBANA-CHAMPAIGN COMPUTER-BASED EDUCATION RESEARCH LAB DEMONSTRATION AND EVALUATION OF THE PLATO IV COMPUTER-BASED EDUCATION SYSTEM. (COMPUTER-BASED EDUCATION FOR A VOLUNTEER ARMED SERVICE PERSONNEL PROGRAM).
FIELD 8: FIELD 10:	DESCRIPTIVE NOTE PERSONAL AUTHORS	SEMI-ANNUAL REPT. 1 JAN-30 JUN 75.
FIELD 11:	REPORT DATE	SEP 75
	PAGINATION SOURCE ACRONYM	92P
FIELD 14: FIELD 15:	REPORT NUMBER	BALICIE TO C DOT ADDA CODED SOIE
FIELD 19:	CONTRACT NUMBER MONITOR SERIES	DAHC15-73-C-007, ARPA ORDER-2245
FIELD 20: FIELD 22:	REPORT CLASS ALPHA LIMITATIONS	U
FIELD 27:	ABSTRACT	THIS REPORT DESCRIBES A PROGRAM AIMED AT THE DEMONSTRATION, TEST AND EVALUATION OF THE EDUCATIONAL AND ECONOMIC EFFECTIVENESS OF THE PLATO 4 COMPUTER-BASED EDUCATION AS IMPLEMENTED IN SEVERAL GEOGRAPHICALLY DISPERSED MILITARY TRAINING SITES. IT ALSO

T92043 DESCRIBES A PROGRAM AIMED AT INCREASING THE COST EFFECTIVENESS OF THE PLATO SYSTEM, BOTH IN ITS DEPLOYMENT IN THE ARPA COMMUNITY AND IN ITS CONTINUING DEVELOPMENT AS A NATIONAL RESOURCE FOR EDUCATION. FIELD 28: ABSTRACT CLASS. AD NUMBER ********* FIELD 5: SOURCE NAME ILLINOIS UNIV URBANA COORDINATED SCIENCE LAB FIELD 6: UNCLASS. TITLE THE INFLUENCE OF GAS COMPOSITION AND OF SIGNAL WAVEFORM ON PROPERTIES OF THE PLASMA DISPLAY. FIELD 9: DESCRIPTIVE NOTE FIELD 10: PERSONAL AUTHORS ARORA. BRIJ MOHAN ; FIELD 11: REPORT DATE MAY 68 FIELD 12: PAGINATION 125 FIELD 13: SOURCE ACRONYM FIELD 14: REPORT NUMBER R-377 FIELD 15: CONTRACT NUMBER DAAB07-67-C-0199 FIELD 19: MONITOR SERIES FIELD 20: REPORT CLASS FIELD 22: ALPHA LIMITATIONS FIELD 27: ABSTRACT THE PLASMA DISPLAY IS A NEW DIGITAL STORAGE DEVICE. THE DEVELOPMENT OF THE DISPLAY WAS MOTIVATED BY THE ANTICIPATED NEEDS OF THE PLATO, A COMPUTER CONTROLLED TEACHING SYSTEM AT THE LABORATORY. THE PLATO SYSTEM UTILIZES A HIGH SPEED DIGITAL COMPUTER AS A CONTROL ELEMENT FOR TEACHING A NUMBER OF STUDENTS SIMULTANEOUSLY. IN THE EXPERIMENTAL SYSTEM AT THE LABORATORY, EACH STUDENT IS PROVIDED WITH AN ELECTRONIC KEY SET AS A MEANS OF COMMUNICATION WITH THE CENTRAL COMPUTER (CDC 1804) AND A TELEVISION SCREEN FOR PRESENTING HIM THE INFORMATION SELECTED BY THE COMPUTER. IN THEORY, A LARGE NUMBER OF STUDENT TERMINALS, LOCATED AT VARIOUS PLACES, MAY BE CONNECTED TO A CENTRAL COMPUTING FACILITY AND MANY DIFFERENT COURSES MAY BE TAUGHT SIMULTANEOUSLY. HOWEVER, THE HIGH COST OF TV STORAGE TUBES FOR EVERY TERMINAL AND THE VIDEO TRANSMISSION LINES NECESSARY FOR SUCH A SYSTEM PROHIBITS ITS PRACTICE OUTSIDE THE RESEARCH LABORATORY. (AUTHOR) FIELD 28: ABSTRACT CLASS. AD NUMBER ******** 841851 FIELD 5: SOURCE NAME ILLINOIS UNIV URBANA COORDINATED SCIENCE LAB FIELD 6: UNCLASS. TITLE PROGRESS REPORT FOR MARCH-AUGUST, 1966. FIELD 9: DESCRIPTIVE NOTE FIELD 10: PERSONAL AUTHORS FIELD 11: REPORT DATE 31 OCT 68 FIELD 12: PAGINATION 214 FIELD 13: SOURCE ACRONYM FIELD 14: REPORT NUMBER FIELD 15: CONTRACT NUMBER DA-28-043-AMC-00073(E) NSG-443 FIELD 19: MONITOR SERIES FIELD 20: REPORT CLASS FIELD 22: ALPHA LIMITATIONS FIELD 27: ABSTRACT RESEARCH PROGRESS IN THE FOLLOWING AREAS IS REPORTED: SURFACE PHYSICS. APPLIED PHYSICS. PLASMA PHYSICS. RAREFIED GAS DYNAMICS, HIGH-VOLTAGE BREAKDOWN, SPACE SCIENCES, PLATO, COMPUTER SYSTEMS AND APPLICATIONS, PLASMA DISPLAY, INFRARED CONVERTER. INFORMATION SCIENCE, NETWORKS, CONTROL SYSTEMS, STRUCTURAL-SYSTEM DESIGN, SWITCHING SYSTEMS. FIELD 28: ABSTRACT CLASS. u

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PAGI	E 4 T920	43
FIELD 5:	-	ILLINGIS UNIV URBANA COORDINATED SCIENCE LAB
	UNCLASS. TITLE	PROGRESS REPORT FOR SEPTEMBER, OCTOBER, AND NOVEMBER, 1985.
FIELD 9:	_	REPT. FOR 1 SEP-31 NOV 85.
	PERSONAL AUTHORS	
FIELD 11:		21 JAN 68
	PAGINATION	118
	SOURCE ACRONYM	$oldsymbol{\cdot}$
	REPORT NUMBER	
FIELD 19:	CONTRACT NUMBER	DA-28-043-AMC-00073(E) ,NSG-375
	MONITOR SERIES REPORT CLASS	u
	ALPHA LIMITATIONS	u v
FIELD 27:		CONTENTS: SPACE SCIENCES GROUP; SURFACE PHYSICS, COMPUTER, CONTROL SYSTEMS,
		PLATO, VACUUM INSTRUMENTATION, PLASMA PHYSICS, SUPERCONDUCTIVITY STUDIES, THIN FILMS.
FIELD 28:	ABSTRACT CLASS.	INFORMATION SCIENCE, SWITCHING SYSTEMS, NETWORKS AND COMMUNICATION NETS.
AD NUMBER	*************	**
FIELD 5:	SOURCE NAME	ILLINOIS UNIV URBANA COORDINATED SCIENCE LAB
	UNCLASS, TITLE	COORDINATED SCIENCE LABORATORY. PROGRESS REPORT.
	DESCRIPTIVE NOTE	QUARTERLY PROGRESS REPT. FOR 1 JUN-31 AUG 65.
FIELD 10;	PERSONAL AUTHORS	
	REPORT DATE	11 OCT 65
FIELD 12:	PAGINATION	151
	SOURCE ACRONYN	
	REPORT NUMBER	
	CONTRACT NUMBER	DA28 043AMC00073E ,NONR398508
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FIELD 27:		DECORAGE TO DEPOSITE THE FOLLOWING STELDS. TOMOSPHICATE SATA SERVICE AND ADMINE
, , , , , , , , , , , , , , , , , , , ,	ADGINAGI	PROGRESS IS REPORTED IN THE FOLLOWING FIELDS: IONOSPHERIC DATA, SURFACE AND ATOMIC PHYSICS, COMPUTER APPLICATIONS, COMPUTER SYSTEMS, PLATO, PLASMA PHYSICS, SUPERCONDUCTORS, HIGH VOLTAGE BREAKDOWN, THIN FILMS, SWITCHING SYSTEMS, COMMUNICATION THEORY, CIRCUITRY.
FIELD 28:	ABSTRACT CLASS.	U
AD NUMBER	************	** 619504 ************************************
	SOURCE NAME	ILLINOIS UNIV URBANA COORDINATED SCIENCE LAB
	UNCLASS. TITLE	COORDINATED SCIENCE LABORATORY. PROGRESS REPORT.
FIELD 9:	DESCRIPTIVE NOTE	QUARTERLY REPT. FOR 1 MAR-31 MAY 65.
	PERSONAL AUTHORS	•
		26 JUL 85
FIELD 12:	PAGINATION	102
FIELD 14:	SGURCE ACRONYM REPORT NUMBER	
•	CONTRACT NUMBER	DAZA DAZANCOGOZZE NONDOGOGOG
FIELD 19:	MONITOR SERIES	DA28 Q43AMCQ0073E ,NONR398508
FIELD 20:		U
FIELD 22:		
FIELD 27:	ABSTRACT	PROGRESS IS REPORTED IN THE FOLLOWING FIELDS: IONOSPHERIC DATA, SURFACE AND ATOMIC
		PHYSICS, COMPUTER APPLICATIONS, COMPUTER SYSTEMS, PLATO, PLASMA PHYSICS,
		SUPERCONDUCTORS, HIGH VOLTAGE BREAKDOWN, THIN FILMS, SWITCHING SYSTEMS, COMMUNICATION
		THEORY, CIRCUITRY.
FIELD 28:	ABSTRACT CLASS.	U

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FIELD 5: FIELD 6: FIELD 9:	UNCLASS. TITLE DESCRIPTIVE NOTE	ILLINDIS UNIV URBANA COORDINATED SCIENCE LAB PROGRESS REPORT FOR MAR. APR. AND MAY, 1984.
FIELD 10: FIELD 11: FIELD 12: FIELD 13:	REPORT DATE PAGINATION SOURCE ACRONYM	20 JUL 64 115
FIELD 14: FIELD 15: FIELD 19: FIELD 20:	CONTRACT NUMBER MONITOR SERIES	DA28 043AMC00073E ,AF49 638 1383
	ALPHA LIMITATIONS	WORK ON THE FOLLOWING IS SUMMARIZED: ROCKET FIRING IN AN EXPERIMENT TO MEASURE ELECTRON COLLISION FREQUENCY IN THE IONOSPHERE; ADSORPTION OF GASES ON METALS: OPERATING
		STATISTICS FOR THE CDC 1804 AND CSX-1 COMPUTER; HEURISTIC STUDIES IN GAME PLAYING; ON-LINE MAN-MANCHINE DIALOGUE PROGRAM; BEHAVIOR OF NOR LOGIC; CONDITIONS FOR QUASI-LINEAR SEQUENTIAL MACHINES; APPLICATIONS OF LINEAR GRAPHS; PROBABILISTIC COMMUNICATION NETS; UNIVERSAL COMPILER; PARAMETER VARIATION PROBLEM FOR A LARGER CLASS OF SYSTEMS; DEFINITION OF SENSITIVITY FOR AN OPTIMAL SYSTEM; SOLUTION FOR THE RENDEZVOUS PROBLEM; SOLUTIONS TO NONLINEAR DIFFERENTIAL EQUATIONS; A-MATRIX FOR RLC HALF-DEGENERATE NETWORKS; PLATO COMPUTER-CONTROLLED TEACHING SYSTEM; IONIZATION OF OXYGEN ADSORBED ON
FIELD 28:	ABSTRACT CLASS.	MOLYBDENUM; ALGEBRAIC THEORY OF SHOCK STRUCTURE; LINEAR INDUCTION ACCELERATOR FOR THE STUDY OF RUN-AWAY IN A PLASMA; PREPARATION OF NB3SN; CHARACTERIZATION OF TYPE II SUPERCONDUCTORS; SITES OF FLICKERING EMISSION FROM BLUNT TUNGSTEN TIPS; ELECTRICAL CONDUCTIVITY OF TIN OXIDE FILMS WHEN EXPOSED TO DIFFERENT GASES AT TEMPERATURES HIGHER THAN 300C. (AUTHOR)

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AD NUMBER	***********	***** 816153 ************************************
FIELD 5: FIELD 6: FIELD 9: FIELD 10:	UNCLASS. TITLE DESCRIPTIVE NOTE	ILLINGIS UNIV URBANA COORDINATED SCIENCE LAB PROGRESS REPORT FOR SEPTEMBER 1966-FEBRUARY 1967.
FIELD 11: FIELD 12: FIELD 13: FIELD 14:	PAGINATION SOURCE ACRONYM	22 MAY 67 267
FIELD 15: FIELD 19: FIELD 20:	CONTRACT NUMBER MONITOR SERIES REPORT CLASS	DA-28-043-AMC-00073(E), NSG-443 U
FIELD 22:	ALPHA LIMITATIONS	DISTRIBUTION: NO FOREIGN WITHOUT APPROVAL OF ARMY ELECTRONICS COMMAND, FORT MONMOUTH, N. J. 07703.
AD NUMBER	************	***** 319778 ***********************************
FIELD 5; FIELD 6:	SOURCE NAME UNCLASS. TITLE	INSTITUTE FOR DEFENSE ANALYSES ARLINGTON VA SYMPOSIUM ON BALLISTIC MISSILE DEFENSE GUIDANCE AND CONTROL. SIXTH MEETING 19-20 AUGUST 1958, WASHINGTON, D.C.
FIELD 10: FIELD 11:		DEC 59
	SOURCE ACRONYM REPORT NUMBER CONTRACT NUMBER MONITOR SERIES	R 59 8 SD50
FIELD 20: FIELD 22:		U