

STANDARD FORM 135
JULY 1961 EDITION
GENERAL SERVICES ADMIN.
FPMR (41 CFR) 101-11.4

RECORDS TRANSMITTAL AND RECEIPT

TO BE COMPLETED AT FEDERAL RECORDS CENTER

ACCESSION NO.
330-75-016

RECORD GROUP NO.

INSTRUCTIONS

Send original and two copies to appropriate
Federal Records Center.
EXCEPTION—Send original and three copies to the
Alexandria, Virginia, Center

SIGNATURE

Robert D. Pinterfor
Chief
Accession & Disposal Branch

DATE RECORDS RECEIVED

FROM: (Name and address of Agency transferring records)

Defense Advanced Research Projects Agency
1400 Wilson Blvd., Arlington, Va. 22209

TO: Federal Records Center, GSA
Washington National Records Control
Washington, D.C. 20409

OSD/DARPA

1. CITE SECURITY CLASSIFICATION AND/OR RESTRICTION ON USE OF RECORDS, IF ANY

UNCLASSIFIED

2. SQUARE FEET OF SPACE CLEARED

3

FILING EQUIPMENT EMPLOYED

4. CUBIC FEET OF RECORDS
TRANSFERRED

A. OFFICE

B. STORAGE

A. FILE CABINETS (No.)

B. TRANSFER FILES (No.)

C. SHELVING (Lin. Ft.)

8 boxes

NMRO/Jones

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4 drawers

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5. NAME OF AGENCY CUSTODIAN OF RECORDS

6. BUILDING AND ROOM NO.

7. TELEPHONE NO.

Kaye Pulzone, Record Cont'l & Mgmt Asst.

Architect Bldg. Rm 619

694-1303

8. MAY THE RECORDS BE DESTROYED AS SCHEDULED WITHOUT FURTHER AGENCY CONCURRENCE?

☐ YES ☒ NO

9. AGENCY OFFICIAL (Signature)

Kaye Pulzone
OSD Records Administrator

11. DATE
28 JUL

12. BOX NUMBERS

FRC ONLY

AGENCY

13. DESCRIPTION OF RECORDS WITH INCLUSIVE DATES
(Show organizational component creating records)14. DISPOSAL AUTHORITY
(Schedule and Item No.)

The following boxes under this Accession Number contain records on U.S. Bureau of Mines Work, and are pertinent to the Defense Advanced Research Projects Agency (DARPA)

OSD Admin Ins
15/5

09-3

Box 1

114.001 Correspondence 1973
114.003 Administrative & Technical Reports, A.O.
1579 & 1578
114.0011 Prior Years Correspondence
1970, 1971, Contract No. H0210024
114.0021 Budget & Fiscal CY 1971
114.0012 Budget & Fiscal FY 1972
114.0022 Budget & Fiscal FY 1972
114.0023 Budget & Fiscal FY 1973 (U)
114.101 BMI - "Influence of Microstructure on Fracture
Propagation
114.102 Univ Col-Berkeley "Wave Propagation in
Anisotropic Rocks"
114.103 TRW - Experimental Invest of Fractures
114.104 Univ Wisc "Mech Behavior of Rock Under
Static Cyclic Load

Box 2

114.105 Bu-Mines In-house "Adhesion in Rock"
114.106 Bu-Mines In-house "Fragmentation Analysis"
114.107 SRI-Dynamic Tensile Failure in Rocks
114.108 Univ Wisc. Optical Diffraction Anal.
114.109 Honeywell "Dielectric Rxtn & Rock Geoph. Charact
114.110 Bendix "Cont. High Vel Jet Excavation"

Pending

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(Use Standard Form 135A for continuation sheets)

GSA GEN. REG. NO. 27

330-75-016

BOX NUMBERS		DESCRIPTION OF RECORDS WITH INCLUSIVE DATES	DISPOSAL AUTHORITY
FRC ONLY	AGENCY		
	Bx 2	114.111 St. Anthony Falls-U. Of Minn - Hydraulic Disintegration of Rock 114.112 Terraspace "Rock Disintegration by Liquid Jets 114.113 Ohio State U. Sonic Power for Rock Cutting 114.114 AVCO Everett "Lasers for Mil Geoph Prop Applic 114.115 U. Of Missouri "Comb Therm Weakening & Mech Disintegration" 114.116 Foster-Miller "Design & Dev Conical Borer"	
	Bx 3	114.117 Ingersoll Rand - "High Energy Impact Rock Tunneler" 114.118 Ill Inst. "Applications of Dynamic Photoelasticity" 114.119 Bu-Mines In-House "Cont. Exp Fragm Studies" 114.120 P. I. "Fracture & Communication of Rock" 114.121 Westinghouse E. "Electron Beam Gun" 114.122 Laser Rock Cutting (United Aircraft) 114.123 High Power Plasmas for Rock Disintegration (TAFA) 114.124 Field Test of Ream Gun (P.I.) 114.125 Cont Feed Explosives System (Shock Hydro) 114.126 Wave & Fracture Propagation in Rock (IITRI) 114.127 Application of Dynamic Photoelasticity 114.128 Rock Mech and Rapid Excav. Using Explosives (AAI)	
	Bx 4	114.129 Stdy Cont Drill & Blast Tunling (Rapidex) 114.201 U. Cal Berk. "Water Press-Deform-Str Relations for Faults" 114.202 IITRI - "Confined Compression Testing of Rocks" 114.203 Fracture Mech Applic to Roc - Univ Utah 114.204 BMI Columbus "Effects of Fluid & Cyclic Loading Elas C. 114.205 H0220015 Rapid Excavation A.O. 1579 114.205 P.I. "Dev of Instrumentation for In-Stiu Prop. 114.206 Ohio State U. "Stresses, Deformations & Progress, Failure/Rock 114.207 U. Cal Berk "Functional Class of Gouge Materials	
	Bx 5	114.208 Colo Sch Mines "Theor & Exper Study of Tunnel Boring/Mac 114.209 Syracuse U. "Effect of Geol Discont on Excav Processes" 114.210 Woodward-Lungren "Theor Mth for Det Stress/Mine" 114.212 U Minn: "Mech Prop of Rock Masses" 114.214 U. Utah "Creep Fracture in Rocks" 114.213 U. Ill. Influence of Pore Water Pres in Prop of Rocks"	

DARPA

BOX NUMBERS		DESCRIPTION OF RECORDS WITH INCLUSIVE DATES	DISPOSAL AUTHORITY
FRC ONLY	AGENCY		
	Bx 5	<p>114.216 Bilinear Thermoviscoelastic Behavior of Rocks (II Itah)</p> <p>114.218 Ultrasonic Atten & Vel in Rocks (Tex A&M)</p> <p>114.220 Numerical Study of Univ & Triaxial Rock Tests (Infor Res Assoc)</p> <p>114.222 Res on Electronic Meas of Rock Stress (Tele Geotech)</p>	
	Bx 6	<p>114.301 Bendix "Seismic Determination of Geological Discontinuities"</p> <p>114.303 Bendix "Seismic Holography for Underground"</p> <p>114.305 Honeywell "Excavation Seismology"</p> <p>114.307 Bu-Mines "Pred of Geol & Hydrol Cond Ahead of Excavation"</p> <p>114.309 NOAA "Dev Tech for Meas Gnd Char in Marine Evasion"</p> <p>114.311 Ohio State U. EM Pulse Sounding for Geological Surveing</p> <p>114.313 Bendix "During Excavation - Thermal Monitoring of Geologic Changes"</p> <p>114.315 Long Hole Exploratory Drilling (Jacobs Assoc)</p> <p>114.317 Tunnel Site Selection by Remote Sensing Tech (Mich U)</p> <p>114.319 Rock Class and Rock Property Index (Bu-Mines) In-House</p> <p>114.401 State of Art Review (Foundation Science)</p>	
	Bx 7	<p>114.403 BMI-NW "Dev Laser System for Monit. Radial Deformation"</p> <p>114.405 BMI-NW "Dev Self Contained System for Radial Def Meas"</p> <p>114.407 Comparative Study Rock Stress & Prop Meas Equip (U. Idaho)</p> <p>114.409 Theor Invest & Case Studies of Rock and Support Interact (BuMines In-House)</p> <p>114.411 Jacobs Assoc "Ground Support Pred Model In Situ Testing"</p> <p>114.413 Shock Hydro "Mechanisims for Stress Wave Interaction w/Cracks"</p> <p>114.415 Determination of In-Situ Stresses Around Underground Excavations (U Wisc)</p> <p>114.417 Analytical Modeling of Rock (AJA)</p> <p>114.501 Bu-Mines Inhouse Phy Prop & Mechanics of Flow and Loading</p> <p>114.503 U. of Wisc "Effects of Material Prop on Materials Handling"</p> <p>114.505 In-Situ Rock Prop Excav Meth & Much Char (H and N)</p>	

RECORD TRANSMITTAL
AND RECEIPT
(CONTINUATION)

AGENCY

DARPA

DATE

BOX NUMBERS		DESCRIPTION OF RECORDS WITH INCLUSIVE DATES	DISPOSAL AUTHORITY
FRC ONLY	AGENCY		
	Bx 8	<p>114.507 Computer Simulation of Unit Operations (U. Utah)</p> <p>114.509 Var of Angle of Int Friction with Size (Penn State)</p> <p>114.511 High Capacity Pneumatic Conveying System (BMI-NW)</p> <p>114.601 Study of Dynamic Strength and Fract Prop of Rocks (SW Res Inst)</p> <p>114.602 M. I. T. Mech of Crustal Earthquakes</p> <p>114.701 Military Applications of Rapid Excav (GRC)</p> <p><u>VELA Satellite Program</u></p> <p>Orbital Requirements Document 1 Oct 70</p> <p>Orbital Requirements Doc Rev cy 13 Feb 70</p> <p>Flight Test Objectives Vela launch VB</p> <p>A. O. 189-61 (Rand Corp)</p> <p>Trajectory Optimization Study</p>	