

# Division of Engineering

## 1966-1971

This collection contains the records of the activities of the Division of Engineering for the years 1966-1971 and spans approximately 10 linear feet.

### ADMINISTRATION

#### INSTITUTIONS – ASSOCIATIONS & INDIVIDUALS

- American Assoc for Advancement of Science: Meetings: Annual
- Session: Is Defense Against Ballistic Missiles Possible: 1967
- Bell Telephone Labs: Demonstration
- Operational Multiprocessor Data Processing System: 1969

### DIVISIONS OF THE NRC

#### ENGINEERING

- Advisory Board on Hardened Electric Power Systems
- Appointments
  - Members: 1966-1967
- Consultants: 1966-1969
- Meetings: 1966-1969
- Panels
  - 1: Electric & Electromagnetic: 1966
  - 2: Dynamics: 1966
  - 3: Prime Movers: Appointments: Members: 1966-1968
  - 4: Air Supply & Cooling: Appointments: Members: 1966-1968
- Special Adv Group
  - Memo Report to Chairman ABHEPS: NIKE-X Power System: Draft: 1966
- Staff Comments to Department of Army: 1966-1968
- Staff Working Papers: 1966-1968
- General: 1966-1970
- Appointments
  - Members: 1966-1971
- Building Research Advisory Board (BRAB)
  - Appointments
    - Members: 1966-1969
  - Building Industry Manufacturers Research Council
    - Appointments: Members: 1967-1969
    - Meetings: 1967-1969
    - General: 1979
    - Building Research Institute
    - Conferences
      - Fall: 1969

- Spring: 1970
- Membership: Directory: 1969
- Executive Committee
  - Appointments
    - Members: 1967-1969
- Federal Construction Council
  - Appointments
    - Members: 1966-1970
- Standing Committees
  - Appointments: Members: 1968-1969
- Meetings: 1970
- General: 1966-1970
- Committees
  - Data Processing Systems for Anti-Ballistic Missile Defense
    - Evaluation of Illiac IV for Ballistic Missile Defense Systems: 1969-1971
    - Meetings: 1969-1971
    - Membership: 1969-1971
    - Protest Against Program: McCracken D: 1970-1971
    - Reports: Monthly: 1969-1971
    - Reviews: ABMDA Projects & SAFEGUARD Topics: 1969-1970
    - Subcommittee on Hardware: Meetings: Mar 1970
    - General: 1969-1971
  - Earthquake Engineering Research: 1967
  - Fire Research
    - Appointments
      - Members: 1966-1971
    - Meetings: 1968-1970
  - Mineral Science & Technology: 1966-1967
  - NIKE-X Data Processing System
    - Evaluation of Illiac IV for Ballistic Missile Defense System: 1968
    - Meetings: 1966-1969
    - Membership: 1966-1969
    - Name Change: Aug 1969
    - Reports: Monthly: 1968-1969
    - General: 1966-1969
  - Noise
    - Appointments: Members: 1967-1968
    - Scope & Objectives: 1968
  - Prosthetics Research & Development
    - Meetings: 1969-1971
    - Subcommittees
      - Design & Development: Workshops: 1968-1970
      - Sensory Aids: Meetings: 1969
    - General: 1966-1971
  - Rapid Excavation: 1966; 1967
  - Scientific & Technologic Base of Puerto Rico's Economy
    - Appointments: Members: 1966

- Meetings: 1966
  - General: 1966
- Textile & Apparel Research
  - Appointments
    - Members: 1966-1968
  - Meetings: 1966-1967
  - Proposals for Research: 1966-1967
  - General: 1966-1968
- Conferences
  - Cryogenic Engineering
    - Appointments
      - Members: 1968
    - General: 1967-1970
  - Electrical Insulation & Dielectric Phenomena
    - Appointments
      - Members: 1969; 1971
    - General: 1966; 1970
  - Pollution Abatement
    - Transcript: Oct 1966
- Directory: 1966-1968
- Executive Committee
  - Appointments
    - Members: 1968; 1971
- General: 1967; 1970
- Highway Research Board
  - Common Denominator: Film Script: 1969
  - Conference on Reorientation & Reorganization: 1968
  - Dept of Economics Finance & Administration
    - Appointments: Members: 1966-1967
  - Dept of Materials & Construction
    - Appointments: Members: 1967
  - Dept of Traffic & Operations
    - Appointments: Members: 1967-1968
  - Dept of Urban Transportation Planning
    - Appointments: Members: 1967-1968
  - Executive Committee
    - Appointments: Members: 1968-1969
    - Meetings: 1969
    - General: 1967; 1970
  - National Cooperative Highway Research Program (NCHRP): 1969-1970
  - Organization Charts: Feb 1970
  - General: 1966-1970
- Maritime Transportation Research Board
  - Appointments: Members: 1966-1968, 1970
  - Committee on Transportation of Perishable Food: 1966
  - Historical Account: 1968
  - Maritime Information Committee: 1970

- Meetings: 1966-1969
- Panels
  - Capabilities of Air & Sea Lift Circa 1980: 1967
  - Laws Affecting Utilization of Manpower
    - Appointments: Members: 1968
    - General: 1968
- Program Committee: 1967
- Ship Hull Research Committee
  - Appointments: Members: 1966-1967
  - Adv Group 2 (Ship Structural Design): 1967-1968
  - Meetings: 1966
  - Projects
    - SR-186 (Delta Validation Tests): 1967
    - SR-171 (Ship Statistical Analysis): 1966-1967
  - Proposal
    - Systems Analysis of Fracture in Heavy Section: 1966
  - Ship Hull
    - Design Panel: 1966; 1967
    - Materials Panel: 1967
    - Response Panel: 1966-1968
  - General: 1966-1968
- Ship Research Committee
  - Adv Groups
    - 1 (Ship Strain Measurement & Analysis): 1968-1971
    - 2 (Ship Structural Design): 1968-1971
    - 3 (Metallurgical Studies): 1968-1971
  - Five-Year Programs: 1968; 1969
  - Projects
    - SR-196 (Computer Design of Longitudinally Framed Ships): 1969-1970
    - SR-195 (Reinforced Plastic Ships): 1970-1971
    - SR-194 (Barge Tank Saddle Reactions): 1969-1971
    - SR-191 (Thermal Studies): 1970-1971
    - SR-190 (Aluminum Hull Feasibility Study): 1970
    - SR-189 (Ship Structure Reliability Analysis): 1969-1971
    - SR-188 (Ultrasonic Guide for Weld-Flaw Evaluation): 1969-1970
    - SR-186 (Delta Validation Test): 1968-1970
    - SR-182 (Container Ship Response): 1969
    - SR-177 (High Strength Low-Alloy Steel Weldments): 1968
    - SR-175 (Rational Ship Structural Design): 1968-1969
  - General: 1968-1971
- Shipboard Information System
  - Follow-up Questionnaire
  - Shipboard Mechanization & Manpower: 1966; 1968
  - Study Group on Legal Aspects of Intermodal Transportation: 1970
  - Transoceanic Cargo Research Study: 1969-1971
  - Appointments: Members: 1969-1971
  - Beginning of Program: 1969

- Meetings: 1970
    - General: 1969-1971
  - General: 1966-1970
- Materials Advisory Board
  - Appointments: Members: 1966
  - Committees
    - Aerospace Manufacturing Requirements: 1966; 1967
    - Metalworking Processes & Equipment
      - Meetings: 1966; 1967
      - Panel on Application of Deformation Theory to Practice: 1966; 1967
    - Nondestructive Inspection & Testing
      - Meetings: Minutes: Drafts: 1967; 1968
      - General: 1976
  - Guidance in Assessing Research Programs: 1967
  - Meetings: 1966-1968
  - Panel on Fracture Prevention
    - Meetings: 1967
  - World of Engineering Materials in 1980s: 1968
  - General: 1966-1968
  - Meetings: Annual
  - Proceedings: Transcript: Mar 1968
- National Materials Advisory Board (NMAB)
  - Appointments: Members: 1969; 1970
  - Committee on Technical Aspects of Critical & Strategic Materials: 1969-1970
  - Meetings: 1970
  - General: 1969-1970
  - Newsletters: Nos. 52-68: 1966-1968
  - Organization: Reorganization: Proposal: 1968
  - Space Applications Summer Study: 1967-1968
  - General: 1966-1968

## FINANCE & ACCOUNTING

### CONTRACTS

- DA-49-129-Eng-496
  - Adv Board on Hardened Electric Power Systems: 1966-1970
- DOT-OS-00035
  - Maritime Transportation Research Bd: Transoceanic Cargo Research Study: 1970-1971

## GOVERNMENT

### AGENCIES & DEPARTMENTS

- Army
  - Advanced Ballistic Missile Defense Agency: Illiac IV Adv Committee
    - Meetings: 1968; 1969

- SAFEGUARD System Command: Data Processing Feasibility Study & Demonstration
  - Benchmark Demonstration Program: 1970
  - Management Plan: 1970
  - Meetings: Jan 1970
  - Reports: Final Version of Outlines: 1970
  - Technical Direction Staff: Review of Contractor Reports: 1970
  - General: 1970
- Navy
  - Ship Structure Committee
    - Meetings: 1968
    - Ship Structure Subcommittee: Executive Group: Meetings: 1967-1968
    - General: 1966