

**Federal  
Procurement  
Data  
System**

**PRODUCT  
AND SERVICE  
CODES**

**(Includes Research and  
Development Codes)**

December 1993

Prepared by  
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Federal Procurement Data Center**  
Executive Agent for  
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## INTRODUCTION

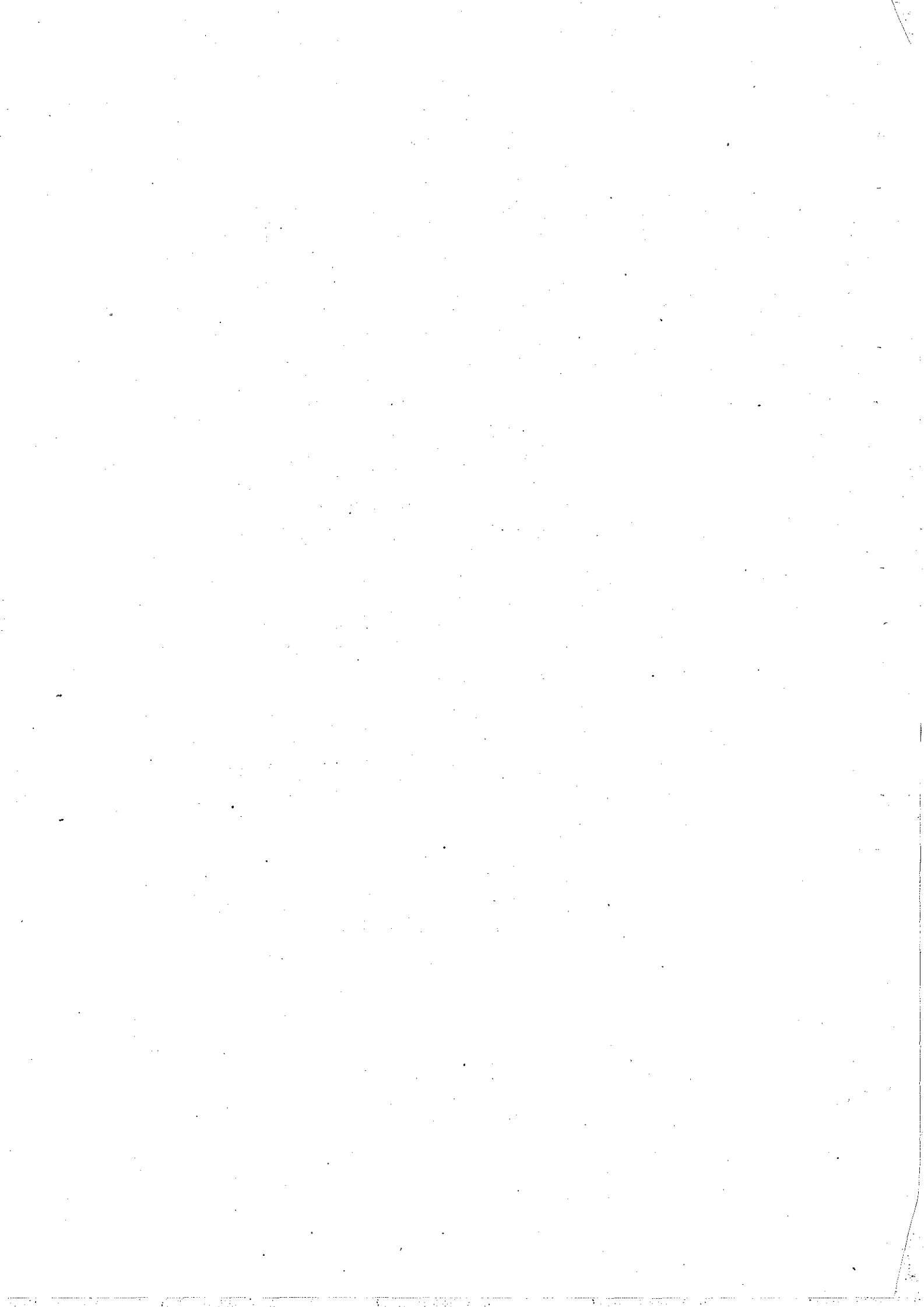
Public Law 93-400 requires the Administrator for Federal Procurement Policy, OMB, to establish a system for collecting, developing, and disseminating procurement data which takes into account the needs of the Congress, the executive branch, and the private sector. The Department of Defense was designated as the executive agent of the Office of Federal Procurement Policy to establish and operate the Federal Procurement Data System (FPDS) including a Federal Procurement Data Center. In April 1980, this responsibility was transferred to the General Services Administration.

This Manual has been developed in conjunction with the FPDS Reporting Manual for those who are responsible for preparing, coding, editing, or machine processing FPDS Individual Contract Action Report (SF-279). Only one code number shall be reported. If more than one is applicable, report the code which describes the predominant product or service procured. Category codes, denoted by parentheses will not be used for data entry. Asterisks are not for data entry; use appropriate code indicated.

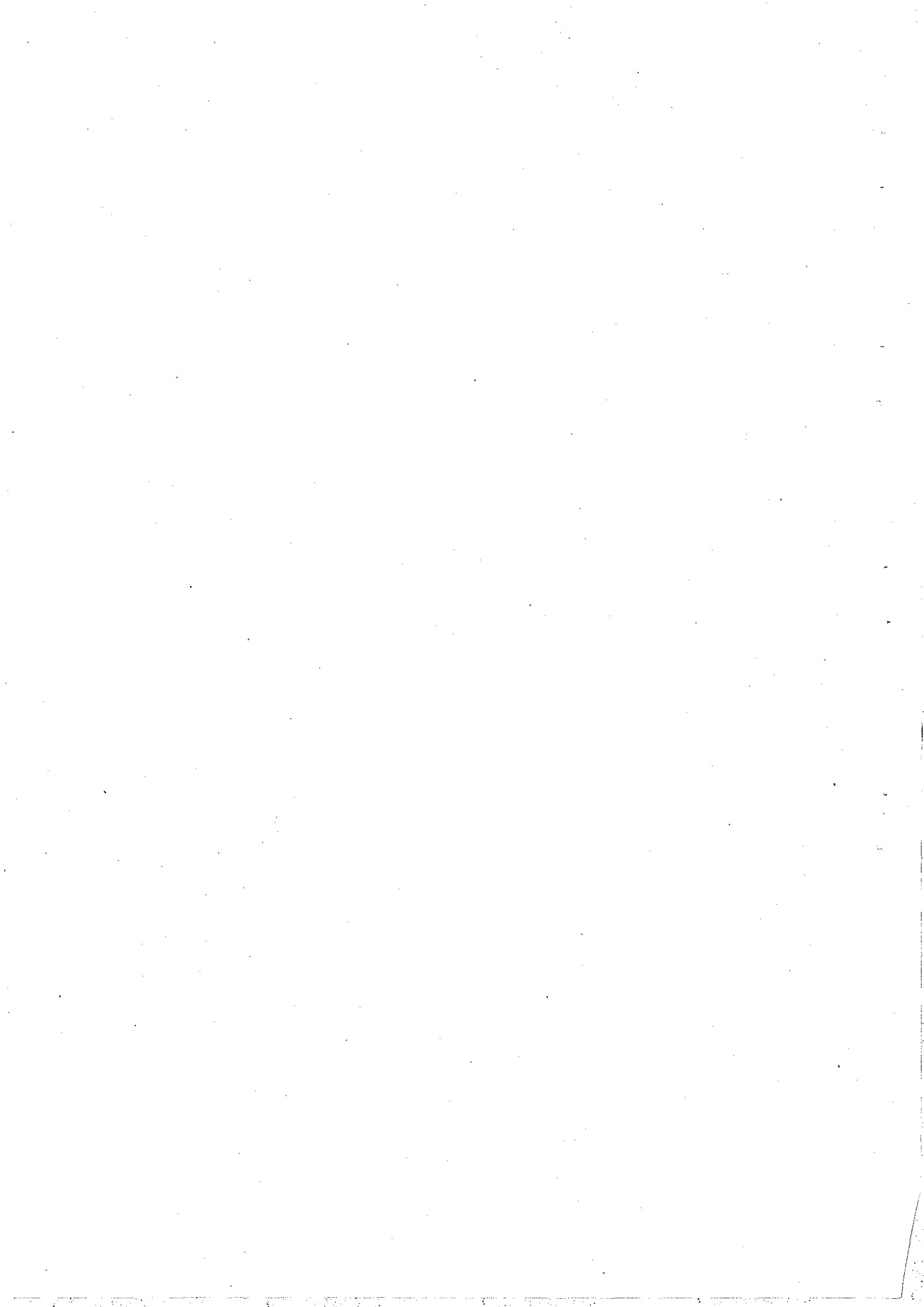
Section I provides the product and service codes that will be used in the FPDS. The Section is divided into three parts. Part A contains a list of codes for research, development, test, and evaluation work. Part B lists codes for all services other than research and development work including purchase of structures and facilities. Part C lists codes for supplies and equipment.

Section II presents the classification structure of the Supplies and Equipment Codes, showing all groups and classes listed in the arrangement of the Federal Supply Classification (FSC) Numbering System. Where appropriate, the main inclusions and exclusions, which limit the coverage of a particular class, are shown immediately following the title for the class.

All suggestions, inquiries, and requests for additional codes shall be referred to the Federal Procurement Data Center, General Services Administration, 7th and D Streets, SW, Room 5652, Washington, DC 20407, telephone (202) 401-1529.



**SECTION I - PART A**  
**RESEARCH AND DEVELOPMENT CODES**



# FEDERAL PROCUREMENT DATA SYSTEM

## PRODUCT AND SERVICE CODES

### SECTION I, PART A - RESEARCH AND DEVELOPMENT

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If the action is for research and development (R&D) work, report an R&D code from this part of Section I. Do not assign an R&D code to supplies or housekeeping services purchased in support of research and development work; such supplies shall be coded in accordance with Section I, Part C and the services in accordance with Section I, Part B.

The R&D code is composed of two alphabetic and two numeric digits. The first digit is always the letter "A" to identify R&D, the second digit is alphabetic "A to Z" to identify the major category, the third digit is numeric 1 to 9 to identify a subdivision of the major category, and the fourth digit will be 1 to 6, to identify the appropriate stage of R&D shown below.

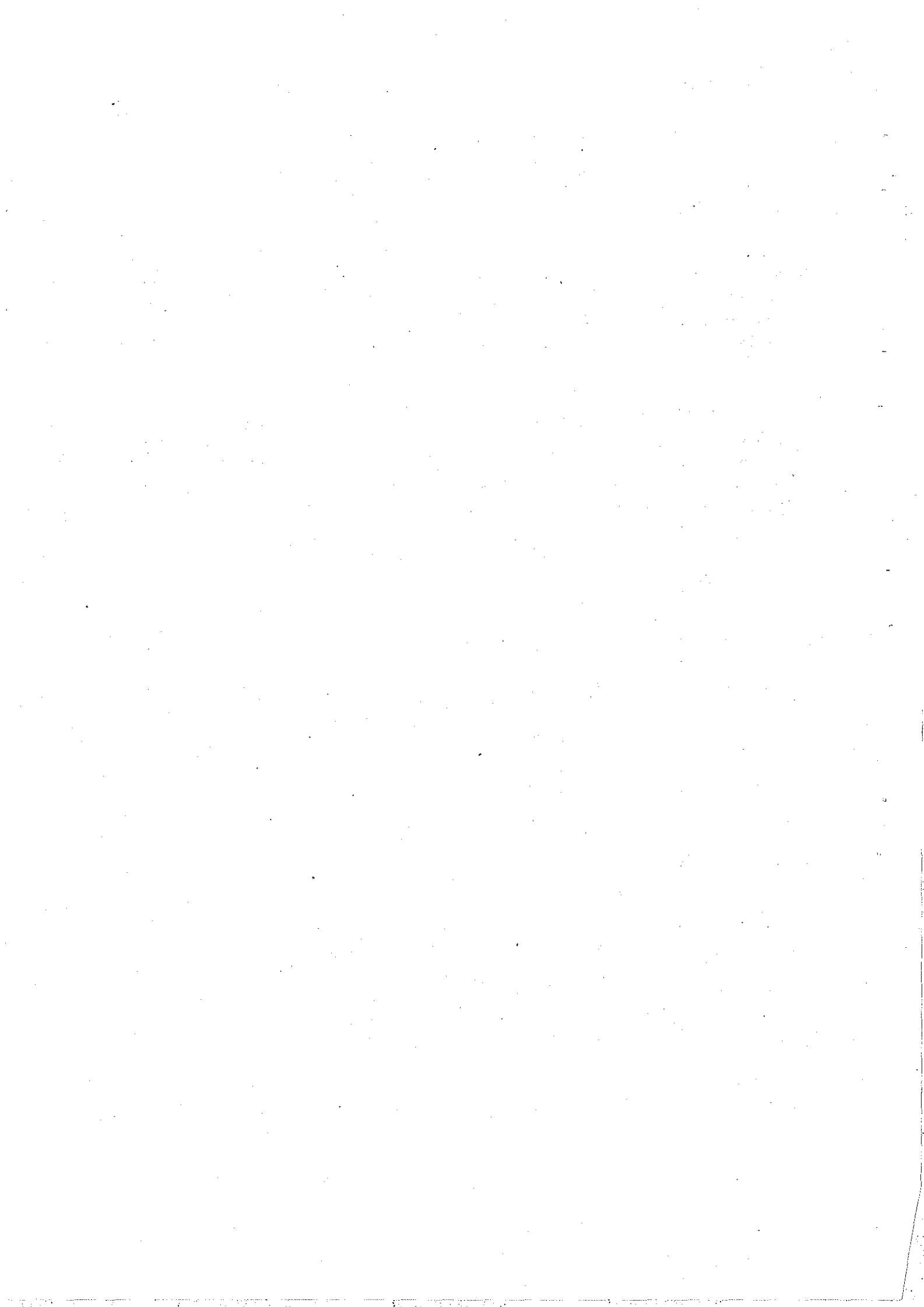
#### Stages of R&D Codes (4th Position)

Code	Meaning
1	Basic Research
2	Applied Research and Exploratory Development
3	Advanced Development
4	Engineering Development
5	Operational Systems Development
6	Management and Support

Procurement personnel responsible for R&D actions shall obtain sufficient information from requisitioning personnel to permit accurate classification.

When completing this item, the precise R&D Service being purchased shall be coded. Example: A contract for research on air pollution by aircraft shall be shown under "Environmental Protection R&D (AH2\*)" for air pollution, and not under aircraft.

Test and evaluation effort shall be coded under the stage of R&D involved. For example, the testing of a developmental prototype would generally be coded under Code 3, Advanced Development.



## DEFINITIONS OF STAGES OF R&D

The following terms and categories relating to "research and development" are for management of R&D and RDT&E programs. The term "research and development" normally encompasses the "first" five categories below. For example, construction of recreational facilities at an installation used exclusively or generally for research and development would not normally be procurement of "research and development" but it is sometimes included in the sixth category in order to classify obligations according to the ultimate purpose of the procurement.

(1) **Basic Research** – includes all scientific effort and experimentation directed toward increasing knowledge and understanding in those fields of the physical, engineering, environmental, social, and life sciences related to long-term national needs. It provides fundamental knowledge ultimately required for the solution of social, economic, political, physical, or military problems. It forms a part of the base for subsequent applied research and exploratory and advanced development in the various disciplines, and new or improved functional capabilities.

(2) **Applied Research and Exploratory Development** – includes all effort directed toward the solution of specific problems, short of major development projects. This type of effort may vary from fairly fundamental applied research to quite sophisticated bread-board hardware, study, programming, and planning efforts. It would thus include investigations and minor development effort. The dominant characteristic of this category of effort is that it be pointed toward specific problem areas with a view toward developing and evaluating the feasibility and practicability of proposed solutions and determining their parameters.

(3) **Advanced Development** – includes all effort directed toward projects which have moved into e.g. the development of hardware for test. The prime result of this type of effort is proof of design concept and/or prototype.

(4) **Engineering Development** – includes those projects in full-scale engineering development for Government use but which have not yet received approval for production or had production funds included in the budget submission for the current or subsequent fiscal year. Thus are is characterized by major line item projects.

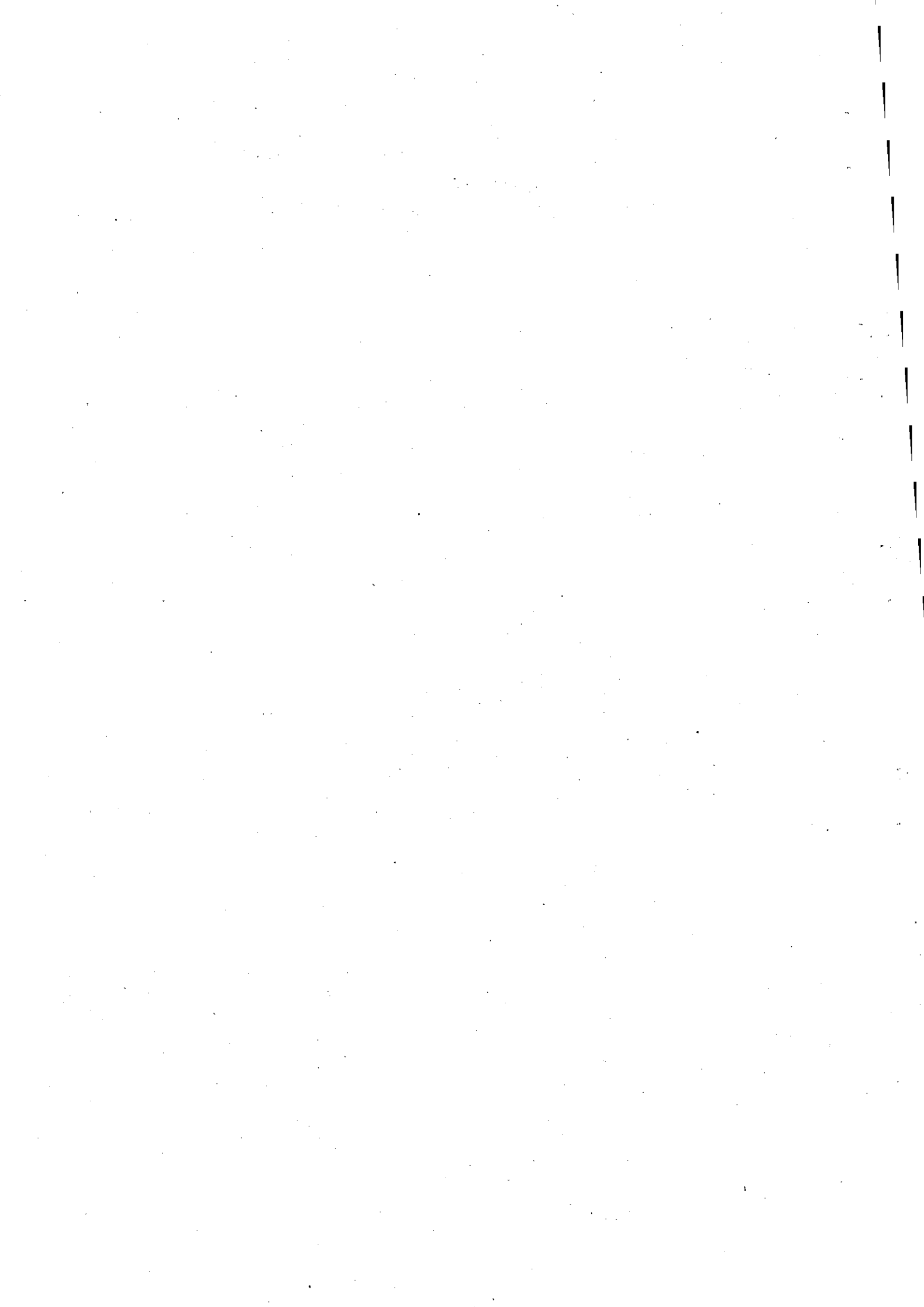
(5) **Operational Systems Development** – includes those projects still in full-scale engineering development but which have received approval for production, or production funds have been included in the budget submission for the current of subsequent fiscal year.



(6) Management and Support – includes all effort directed toward support of installations or operations required for general research and development. Included would be construction of a general nature unrelated to specific programs, maintenance and support of laboratories, operation and maintenance of test ranges, and maintenance of test aircraft, equipment, or ships. Costs of laboratory personnel, either in-house or contractor, would be assigned to appropriate projects or program areas above.

**FEDERAL PROCUREMENT DATA SYSTEM**  
**PRODUCT AND SERVICE CODES**  
**SECTION I, PART A - RESEARCH AND DEVELOPMENT**

<b>Category</b>	<b>Description</b>	<b>Page</b>
AA	Agriculture .....	6
AB	Community Services and Development .....	6
AC	Defense Systems .....	6
AD	Defense - Other .....	6
AE	Economic Growth and Productivity .....	7
AF	Education .....	7
AG	Energy .....	7
AH	Environmental Protection .....	7
AJ	General Science and Technology .....	7
AK	Housing .....	8
AL	Income Security .....	8
AM	International Affairs and Cooperation .....	8
AN	Medical .....	8
AP	Natural Resources .....	8
AQ	Social Services .....	9
AR	Space .....	9
AS	Transportation, Modal .....	9
AT	Transportation, General .....	9
AV	Mining .....	10
AZ	Other Research and Development .....	10



**FEDERAL PROCUREMENT DATA SYSTEM**

**PRODUCT AND SERVICE CODES**

**Research and Development Codes**

**Code (\*) . Meaning**

**AGRICULTURE R&D (AA)**

- AA1\_ Agriculture Insect and Disease Control
- AA2\_ Agriculture Marketing
- AA3\_ Agriculture Production
- AA4\_ Aquaculture and Hydroponics
- AA9\_ Other Agriculture

**COMMUNITY SERVICES AND DEVELOPMENT R&D (AB)**

- AB1\_ Crime Prevention and Control
- AB2\_ Fire Prevention and Control
- AB3\_ Rural Community Services and Development
- AB4\_ Urban Community Services and Development
- AB9\_ Other Community Services and Development

**DEFENSE SYSTEMS R&D (AC)**

- AC1\_ Defense Aircraft
- AC2\_ Defense Missile and Space Systems
- AC3\_ Defense Ships
- AC4\_ Defense Tank - Automotive
- AC5\_ Weapons
- AC6\_ Defense Electronics and Communication Equipment
- AC9\_ Miscellaneous Defense Hard Goods

**DEFENSE - OTHER R&D (AD)**

- AD1\_ Ammunition
- AD2\_ Services
- AD3\_ Subsistence
- AD4\_ Textiles, Clothing and Equipage
- AD5\_ Fuels and Lubricants

\*For the fourth position ( ) or low order position, enter one of the codes (1 through 6) for the stages of R&D (see page 1). Asterisks are not to be entered as part of the code.

**Code (\*)    Meaning**

AD6\_    Construction  
AD9\_    Other Defense

**ECONOMIC GROWTH AND PRODUCTIVITY R&D (AE)**

AE1\_    Employment Growth and Productivity  
AE2\_    Product or Service Improvement  
AE3\_    Manufacturing Technology  
AE9\_    Other Economic Growth and Productivity

**EDUCATION R&D (AF)**

AF1\_    Education

**ENERGY R&D (AG)**

AG1\_    Coal  
AG2\_    Gas  
AG3\_    Geothermal  
AG4\_    Wind Energy  
AG5\_    Nuclear  
AG6\_    Petroleum  
AG7\_    Solar/Photovoltaic  
AG8\_    Conservation of Energy  
AG9\_    Other Energy

**ENVIRONMENTAL PROTECTION R&D (AH)**

AH1\_    Pollution Control and Abatement  
AH2\_    Air Pollution  
AH3\_    Water Pollution  
AH4\_    Noise Pollution  
AH9\_    Other Environmental Protection

**GENERAL SCIENCE AND TECHNOLOGY R&D (AJ)**

AJ1\_    Physical Sciences

\*For the fourth position ( ) or low order position, enter one of the codes (1 through 6) for the stages of R&D (see page 1). Asterisks are not to be entered as part of the code.

**Code (\*) Meaning**

AJ2\_ Mathematical and Computer Sciences  
AJ3\_ Environmental Sciences  
AJ4\_ Engineering  
AJ5\_ Life Sciences  
AJ6\_ Psychological Sciences  
AJ7\_ Social Sciences  
AJ9\_ Other Sciences Not Elsewhere Classified

**HOUSING R&D (AK)**

AK1\_ Housing

**INCOME SECURITY R&D (AL)**

AL1\_ Employment  
AL2\_ Income Maintenance  
AL9\_ Other Income Security

**INTERNATIONAL AFFAIRS AND COOPERATION R&D (AM)**

AM1\_ International Affairs and Cooperation

**MEDICAL R&D (AN)**

AN1\_ Biomedical  
AN2\_ Drugs Dependency  
AN3\_ Alcohol Dependency  
AN4\_ Health Services  
AN5\_ Mental Health  
AN6\_ Rehabilitative Engineering  
AN7\_ Specialized Medical Services  
AN8\_ AIDS Research  
AN9\_ Other Medical

**NATURAL RESOURCES R&D (AP)**

AP2\_ Land  
AP3\_ Mineral  
AP4\_ Recreation  
AP5\_ Marine and Oceanographic  
AP6\_ Marine Fisheries

\*For the fourth position ( ) or low order position, enter one of the codes (1 through 6) for the stages of R&D (see page 1). Asterisks are not to be entered as part of the code.

**Code (\*) Meaning**

AP7\_ Atmospheric  
AP9\_ Other Natural Resources

**SOCIAL SERVICES R&D (AQ)**

AQ1\_ Geriatric (Other Than Medical)  
AQ9\_ Other Social Services

**SPACE R&D (AR)**

AR1\_ Aeronautics and Space Technology  
AR2\_ Space Science and Applications  
AR3\_ Space Flight  
AR4\_ Space Operations (Tracking and Data Acquisition)  
AR6\_ Space Station  
AR7\_ Commercial Programs  
AR9\_ Other Space

**TRANSPORTATION - MODAL R&D (AS)**

AS1\_ Air Transportation  
AS2\_ Surface Motor Vehicles  
AS3\_ Rail Transportation  
AS4\_ Marine Transportation  
AS9\_ Other Modal Transportation

**TRANSPORTATION - GENERAL R&D (AT)**

AT1\_ Highways, Roads, and Bridges  
AT2\_ Human Factors Concerning Transportation  
AT3\_ Navigation and Navigational Aids  
AT4\_ Passenger Safety and Security  
AT5\_ Pipeline Safety  
AT6\_ Traffic Management  
AT7\_ Tunnels and Other Subsurface Structures  
AT8\_ Transporting Hazardous Materials  
AT9\_ Other General Transportation

\*For the fourth position ( ) or low order position, enter one of the codes (1 through 6) for the stages of R&D (see page 1). Asterisks are not to be entered as part of the code.

**Code (\*)    Meaning**

**MINING ACTIVITIES R&D (AV)**

- AV1\_    Subsurface Mining Equipment
- AV2\_    Surface Mining Equipment
- AV3\_    Subsurface Mining Methods
- AV4\_    Surface Mining Methods
- AV5\_    Mining Reclamation Methods
- AV6\_    Mining Safety
- AV7\_    Metallurgical
- AV9\_    Other Mining Activities

**OTHER RESEARCH AND DEVELOPMENT R&D (AZ)**

- AZ1\_    Other Research and Development

\* For the fourth position ( ) or low order position, enter one of the codes (1 through 6) for the stages of R&D (see page 1). Asterisks are not to be entered as part of the code.





**SECTION I - PART B**

**SERVICE CODES**



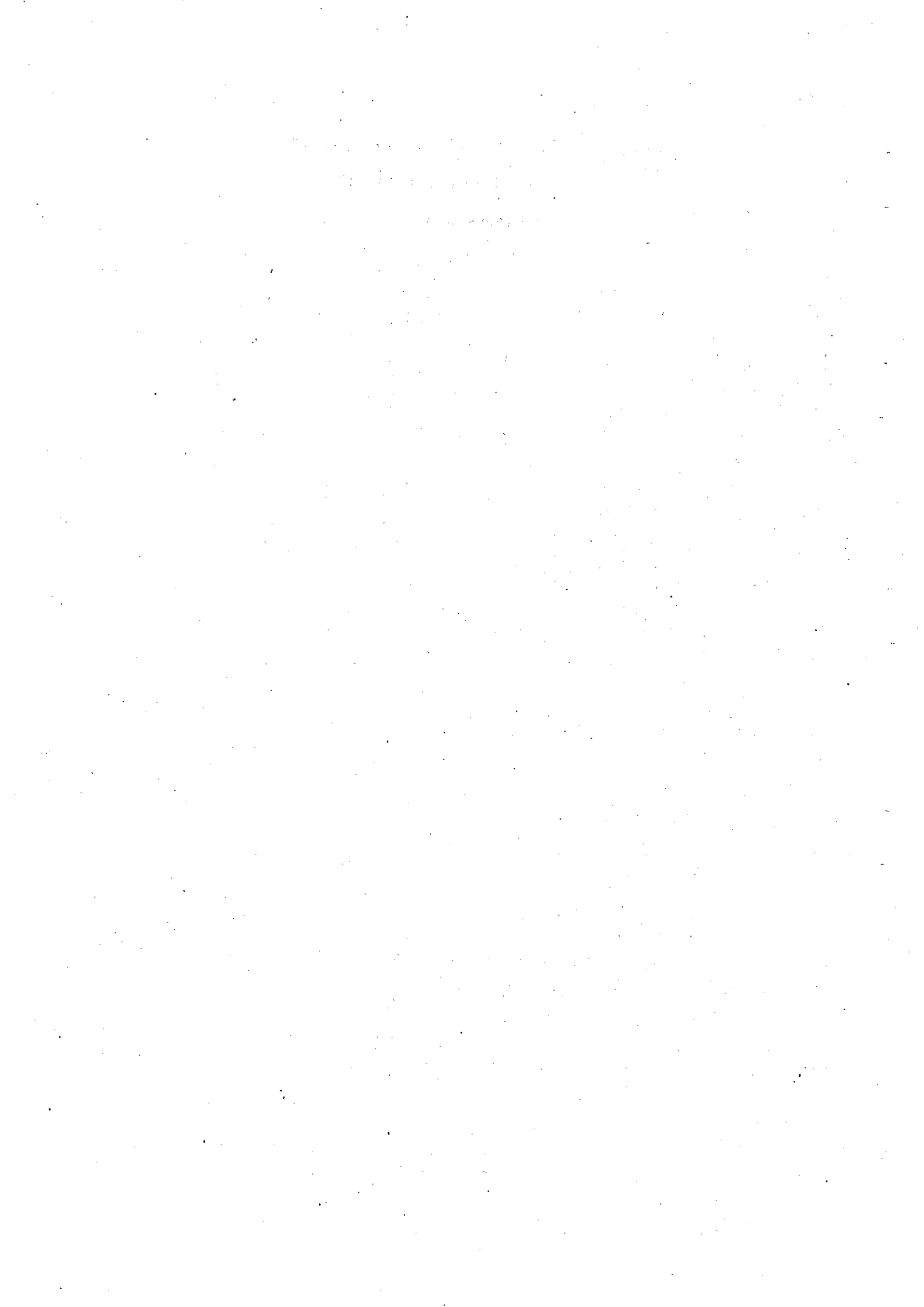
**FEDERAL PROCUREMENT DATA SYSTEM**

**PRODUCT AND SERVICE CODES**

**SECTION I, PART B SERVICES**

All services except research and development work shall be coded in accordance with Part B. Each category is assigned a series of 4-digit codes for specific types of services. The code consists of a letter in the high order position which identifies one of the 23 categories of services listed below, and 3 numeric digits identifying a specific service within each category.

<b>Category</b>	<b>Description</b>	<b>Page</b>
B	Special Studies and Analyses - Not R&D .....	3
C	Architect and Engineering Services - Construction .....	4
D	Automatic Data Processing and Telecommunication Services .....	5
E	Purchase of Structures and Facilities .....	5
F	Natural Resources Management .....	5
G	Social Services .....	6
H	Quality Control, Testing and Inspection Services .....	7
J	Maintenance, Repair, and Rebuilding of Equipment .....	7
K	Modification of Equipment .....	7
L	Technical Representative Services .....	7
M	Operation of Government-Owned Facility .....	7
N	Installation Equipment .....	7
P	Salvage Services .....	8
Q	Medical Services .....	8
R	Professional, Administrative and Management Support Services .....	9
S	Utilities and Housekeeping Services .....	11
T	Photographic, Mapping, Printing, and Publication Services .....	11
U	Training Services .....	12
V	Transportation and Travel .....	12
W	Lease or Rental of Equipment .....	14
X	Lease or Rental of Facilities .....	14
Y	Construction of Structures and Facilities .....	14
Z	Maintenance, Repair or Alteration of Real Property .....	14
	<b>MULTIPLE USE CODES FOR BUILDINGS AND FACILITIES .....</b>	<b>15</b>



## FEDERAL PROCUREMENT DATA SYSTEM

### PRODUCT AND SERVICE CODES

#### Service Codes

**Code      Meaning**

#### **SPECIAL STUDIES AND ANALYSES - NOT R&D (B)**

B502 Air Quality Analyses  
B503 Archeological/Paleontological Studies  
B504 Chemical/Biological Studies and Analyses  
B505 Cost Benefit Analyses  
B506 Data Analyses (other than scientific)  
B507 Economic Studies  
B509 Endangered Species Studies - Plant and Animal  
B510 Environmental Studies and Assessments  
B513 Feasibility Studies (non-construction)  
B516 Animal and Fisheries Studies  
B517 Geological Studies  
B518 Geophysical Studies  
B519 Geotechnical Studies  
B520 Grazing/Range Studies  
B521 Historical Studies  
B522 Legal Studies  
B524 Mathematical/Statistical Analyses  
B525 Natural Resource Studies  
B526 Oceanological Studies  
B527 Recreation Studies  
B528 Regulatory Studies  
B529 Scientific Data Studies  
B530 Seismological Studies  
B532 Soil Studies  
B533 Water Quality Studies  
B534 Wildlife Studies  
B537 Medical and Health Studies  
B538 Intelligence Studies  
B539 Aeronautic/Space Studies  
B540 Building Technology Studies  
B541 Defense Studies  
B542 Educational Studies and Analyses  
B543 Energy Studies  
B544 Technology Studies  
B545 Housing and Community Development Studies

<b>Code</b>	<b>Meaning</b>
B546	Security Studies (Physical and Personal)
B547	Accounting/Financial Management Studies
B548	Trade Issue Studies
B549	Foreign Policy/National Security Policy Studies
B550	Organization/Administrative/Personnel Studies
B551	Mobilization/Preparedness Studies
B552	Manpower Studies
B553	Communications Studies
B554	Acquisition Policy/Procedures Studies
B555	Elderly/Handicapped Studies
B599	Other Special Studies and Analyses

### **ARCHITECT AND ENGINEERING SERVICES (C)**

#### **ARCHITECT AND ENGINEERING SERVICES - CONSTRUCTION (C1)**

##### **BUILDING AND FACILITY STRUCTURES (C11)**

C111	Administrative and Service Buildings
C112	Airfield, Communication and Missile Facilities
C113	Educational Buildings
C114	Hospital Buildings
C115	Industrial Buildings
C116	Residential Buildings
C117	Warehouse Buildings
C118	Research and Development Facilities
C119	Other Buildings

##### **NON-BUILDING STRUCTURES (C12)**

C121	Conservation and Development
C122	Highways, Roads, Streets, Bridges, and Railways
C123	Electric Power Generation (EPG)
C124	Utilities
C129	Other Non-Building Structures
C130	Restoration

#### **ARCHITECT AND ENGINEERING SERVICES - GENERAL (C2)**

C211	Architect - Engineer Services (including landscaping, interior layout, and designing)
C212	Engineering Drafting Services
C213	A&E Inspection Services (non-construction)
C214	A&E Management Engineering Services
C215	A&E Production Engineering Services (including Design and Control, and Building Programming)

<b>Code</b>	<b>Meaning</b>
C216	Marine Architect and Engineering Services
C219	Other Architect and Engineering Services

**AUTOMATIC DATA PROCESSING AND TELECOMMUNICATION SERVICES (D3)**

- D301 ADP Facility Operation and Maintenance Services
- D302 ADP Systems Development Services
- D303 ADP Data Entry Services
- D304 ADP Telecommunications and Transmission Services
- D305 ADP Teleprocessing and Timesharing Services
- D306 ADP Systems Analysis Services
- D307 Automated Information System Design and Integration Services
- D308 Programming Services
- D309 Information and Data Broadcasting or Data Distribution Services
- D310 ADP Backup and Security Services
- D311 ADP Data Conversion Services
- D312 ADP Optical Scanning Services
- D313 Computer Aided Design/Computer Aided Manufacturing (CAD/CAM) Services
- D314 ADP System Acquisition Support Services. Includes preparation of statement of work, benchmarks, specifications, etc.
- D315 Digitizing Services. Includes cartographic and geographic information.
- D316 Telecommunications Network Management Services
- D317 Automated News Services, Data Services, or Other Information Services. Buying data, the electronic equivalent of books, periodicals, newspapers, etc.
- D399 Other ADP and Telecommunications Services (includes data storage on tapes, compact disks, etc.)

**PURCHASE OF STRUCTURES AND FACILITIES (E)**

- E\*\*\* Purchase of Structures and Facilities

**NATURAL RESOURCES AND CONSERVATION SERVICES (F)**

- F001 Aerial Fertilization/Spraying Services
- F002 Aerial Seeding Services
- F003 Forest/Range Fire Suppression/Presuppression Services
- F004 Forest/Range Fire Rehabilitation Services (non-construction)
- F005 Forest Tree Planting Services
- F006 Land Treatment Practices Services (plowing/clearing, etc.)

\*\*\*In these three positions, enter the 3 digits of the multiple use codes at the end of this section. Asterisks are not to be entered as part of the code.



<b>Code</b>	<b>Meaning</b>
F007	Range Seeding Services (ground equipment)
F008	Recreation Site Maintenance Services (non-construction)
F009	Seed Collection/Production Services
F010	Seedling Production/Transplanting Services
F011	Surface Mining Reclamation Services (non-construction)
F012	Survey Line Clearing Services
F013	Tree Breeding Services
F014	Tree Thinning Services
F015	Well Drilling/Exploratory Services
F016	Wildhorse/Burro Control Services
F018	Other Range/Forest Improvements Services (non-construction)
F019	Other Wildlife Management Services
F020	Fisheries Resources Management Services
F021	Site Preparation
F022	Fish Hatchery Services
F099	Other Natural Resources and Conservation Services

#### **ENVIRONMENTAL SYSTEMS PROTECTION (F1)**

F101	Air Quality Support Services
F102	Industrial Investigation Surveys and Technical Support Related to Air Pollution
F103	Water Quality Support Services
F104	Industrial Investigation Surveys and Technical Support Related to Water Pollution
F105	Pesticides Support Services
F106	Toxic Substances Support Services
F107	Hazardous Substance Analysis
F108	Hazardous Substance Removal, Cleanup, and Disposal Services and Operational Support
F109	Leaking Underground Storage Tank Support Services
F110	Development of Environmental Impact Statements and Assessments
F111	Industrial Investigations, Surveys and Technical Support for Multiple Pollutants
F112	Oil Spill Response including Cleanup, Removal, Disposal and Operational Support
F999	Other Environmental Services, Studies, and Analytical Support

#### **SOCIAL SERVICES (G)**

G001	Care of Remains and/or Funeral Services
G002	Chaplain Services
G003	Recreational Services
G004	Social Rehabilitation Services
G005	Geriatric Services

**Code      Meaning**

- G006 Government Life Insurance Programs
- G007 Government Health Insurance Programs
- G008 Other Government Insurance Programs
- G009 Non-Government Insurance Programs
- G010 Direct aid to tribal Governments and organizations provided by contract pursuant to Public Law (P.L.) 93-638
- G099 Other Social Services

**QUALITY CONTROL, TESTING, AND INSPECTION SERVICES (H)**

- H1\*\* Quality Control Services
- H2\*\* Equipment and Materials Testing
- H3\*\* Inspection Services (including commercial testing and laboratory services, except medical/dental)
- H9\*\* Other Quality Control, Testing and Inspection Services

**MAINTENANCE, REPAIR AND REBUILDING OF EQUIPMENT (J)**

- J0\*\* Maintenance, Repair and Rebuilding of Equipment
- J998 Non-nuclear Ship Repair (East) Ship repair (including overhauls and conversions) performed on non-nuclear propelled and nonpropelled ships east of the 108th meridian.
- J999 Non-nuclear Ship Repair (West) Ship repair (including overhauls and conversions) performed on non-nuclear propelled and nonpropelled ships west of the 108th meridian.

**MODIFICATION OF EQUIPMENT (K)**

- K0\*\* Modification of Equipment

**TECHNICAL REPRESENTATIVE SERVICES (L)**

- L0\*\* Technical Representation Services

**OPERATION OF GOVERNMENT-OWNED FACILITIES (M)**

- M\*\*\* Operation of Government-Owned Facilities

**INSTALLATION OF EQUIPMENT (N)**

- N0\*\* Installation of Equipment

\*\*In these two positions, enter first 2 digits of FSC Code from Part C, or 99 for miscellaneous or general work. Asterisks are not to be entered as part of the code.

\*\*\*In these three positions, enter the 3 digits of the multiple use codes at the end of this section. Asterisks are not to be entered as part of the code.

**Code      Meaning**

**SALVAGE SERVICE (P)**

P100    Preparation and Disposal of Excess and Surplus Property  
P200    Salvage of Aircraft  
P300    Salvage of Marine Vessels  
P400    Demolition of Buildings  
P500    Demolition of Structures or Facilities (Other than Buildings)  
P999    Other Salvage Services

**MEDICAL SERVICES (Q)**

Q101    Dependent Medicare Services  
Q201    General Health Care Services  
Q301    Laboratory Testing Services  
Q401    Nursing Services  
Q402    Nursing Home Care Contracts  
Q403    Evaluation and Screening  
Q501    Anesthesiology Services  
Q502    Cardio-Vascular Services  
Q503    Dentistry Services  
Q504    Dermatology Services  
Q505    Gastroenterology Services  
Q506    Geriatric Services  
Q507    Gynecology Services  
Q508    Hematology Services  
Q509    Internal Medicine Services  
Q510    Neurology Services  
Q511    Ophthalmology Services  
Q512    Optometry Services  
Q513    Orthopedic Services  
Q514    Otolaryngology Services  
Q515    Pathology Services  
Q516    Pediatric Services  
Q517    Pharmacology Services  
Q518    Physical Medicine and Rehabilitation Services  
Q519    Psychiatry Services  
Q520    Podiatry Services  
Q521    Pulmonary Services  
Q522    Radiology Services  
Q523    Surgery Services  
Q524    Thoracic Services  
Q525    Urology Services

<b>Code</b>	<b>Meaning</b>
Q526	Medical/Psychiatric Consultation Services
Q527	Nuclear Medicine
Q999	Other Medical Services

**PROFESSIONAL, ADMINISTRATIVE AND MANAGEMENT SUPPORT SERVICES (R)**

**PROFESSIONAL SERVICE (R4)**

R401	Personal Care Services (includes such services as barber and beauty shop, shoe repairs, tailoring, etc.)
R402	Real Estate Brokerage Services
R404	Land Surveys, Cadastral Services (non-construction)
R405	Operations Research and Quantitative Analysis Services
R406	Policy Review/Development Services
R407	Program Evaluation Services
R408	Program Management/Support Services
R409	Program Review/Development Services
R411	Real Property Appraisals Services (SIC 6531)
R412	Simulation
R413	Specifications Development Services
R414	Systems Engineering Services
R415	Technology Sharing/Utilization Services
R416	Veterinary/Animal Care Services
R418	Legal Services
R419	Educational Services
R420	Certifications and Accreditations for products and institutions other than educational institutions
R421	Technical Assistance
R422	Market Research and Public Opinion Services (includes telephone and field interviews, focus testing, and surveys)
R423	Intelligence Services
R424	Expert Witness
R425	Engineering and Technical Services
R426	Communications Services
R427	Weather Reporting/Observation Services
R428	Industrial Hygienics
R497	Personal Services Contracts
R498	Patent and Trademark Services
R499	Other Professional Services

**Code            Meaning**

**ADMINISTRATIVE SUPPORT SERVICES (R6)**

- R602    Courier and Messenger Services
- R603    Transcription Services
- R604    Mailing and Distribution Services
- R605    Library Services
- R606    Court Reporting Services
- R607    Word Processing/Typing Services
- R608    Translation and Interpreting Services (Including Sign Language)
- R609    Stenographic Services
- R610    Personal Property Management Services
- R611    Credit Reporting Services
- R612    Information Retrieval
- R613    Post Office Services
- R614    Paper Shredding Services
- R699    Other Administrative Support Services

**MANAGEMENT SUPPORT SERVICES (R7)**

- R701    Advertising Services
- R702    Data Collection Services
- R703    Accounting Services (NOTE: New code created for Financial Services. See R710 below)
- R704    Auditing Services
- R705    Debt Collection Services
- R706    Logistics Support Services
- R707    Contract, Procurement, and Acquisition Support Services
- R708    Public Relations Services (includes writing services, event planning and management, media relations, radio and television analysis, and press services)
- R709    Ongoing Audit Operations Support
- R710    Financial Services (includes credit card services and any other financial services. See revision to description for code R703 above)
- R711    Banking Services (includes accepting and cashing government checks and other payment instruments, accepting direct deposits, accepting payments to the government from the public such as exise taxes and duties, maintaining bank accounts)
- R712    Coin Minting
- R713    Banknote Printing
- R799    Other Management Support Services

**Code            Meaning**

**UTILITIES AND HOUSEKEEPING SERVICES (S)**

**UTILITIES (S1)**

- S111 Gas Services
- S112 Electric Services
- S113 Telephone and/or Communications Services (includes Telegraph, Telex, and Cablevision Services)
- S114 Water Services
- S119 Other Utilities

**HOUSEKEEPING SERVICES (S2)**

- S201 Custodial - Janitorial Services
- S202 Fire Protection Services
- S203 Food Services
- S204 Fueling and Other Petroleum Services - Excluding Storage
- S205 Trash/Garbage Collection Services - Including Portable Sanitation Services
- S206 Guard Services
- S207 Insect and Rodent Control Services
- S208 Landscaping/Groundskeeping Services
- S209 Laundry and Dry Cleaning Services
- S211 Surveillance Services
- S212 Solid Fuel Handling Services
- S214 Carpet Laying and Cleaning
- S215 Warehousing and Storage Services
- S216 Facilities Operations Support Services
- S217 Interior Plantscaping
- S218 Snow Removal/Salt Service (also spreading aggregate or other snow melting material)
- S222 Waste Treatment and Storage
- S299 Other Housekeeping Services

**PHOTOGRAPHIC, MAPPING, PRINTING, AND PUBLICATION SERVICES (T)**

- T001 Arts/Graphics Services
- T002 Cartography Services
- T003 Cataloging Services
- T004 Charting Services
- T005 Film Processing Services
- T006 Film/Video Tape Production Services
- T007 Microform Services
- T008 Photogrammetry Services

**Code      Meaning**

T009    Aerial Photographic Services  
T010    General Photographic Services – Still  
T011    Print/Binding Services  
T012    Reproduction Services  
T013    Technical Writing Services  
T014    Topography Services  
T015    General Photographic Services – Motion  
T016    Audio/Visual Services  
T099    Other Photographic, Mapping, Printing, and Publication Services

**EDUCATION AND TRAINING SERVICES (U)**

U001    Lectures For Training  
U002    Personnel Testing  
U003    Reserve Training (Military)  
U004    Scientific and Management Education  
U005    Tuition, Registration, and Membership Fees  
U006    Vocational/Technical  
U007    Faculty Salaries for Dependent Schools  
U008    Training/Curriculum Development  
U009    Education Services  
U010    Certifications and Accreditations for Educational Institutions  
U011    AIDS Training  
U012    ADP Software, Equipment, and Telecommunications Training  
U099    Other Education and Training Services

**TRANSPORTATION, TRAVEL AND RELOCATION SERVICES (V)**

V002    Motor Pool Operations  
V003    Packing/Crating Services

**TRANSPORTATION OF THINGS (V1)**

**CARGO AND FREIGHT SERVICES (V11)**

V111    Air Freight  
V112    Motor Freight  
V113    Rail Freight  
V114    Stevedoring  
V115    Vessel Freight  
V119    Other Cargo and Freight Services

**Code            Meaning**

**VEHICLE CHARTER FOR TRANSPORTATION OF THINGS (V12)**

- V121    Air Charter for Things
- V122    Motor Charter for Things
- V123    Rail Charter for Things
- V124    Marine Charter for Things
- V125    Vessel Towing Service
- V126    Space Transportation and Launch Services
- V127    Security Vehicle Services
- V129    Other Vehicle Charter for Transportation of Things

**TRAVEL OF PERSONS (V2)**

**PASSENGER SERVICES (V21)**

- V211    Air Passenger Service
- V212    Motor Passenger Service
- V213    Rail Passenger Service
- V214    Marine Passenger Service

**VEHICLE CHARTER FOR PASSENGERS (WITH OPERATORS) (V22)**

- V221    Passenger Air Charter Service
- V222    Passenger Motor Charter Service
- V223    Passenger Rail Charter Service
- V224    Passenger Marine Charter Service
- V225    Ambulance Service
- V226    Taxicab Services
- V227    Navigational Aid and Pilotage Services

**LODGING - HOTEL/MOTEL (V23)**

- V231    Lodging - Hotel/Motel

**MILITARY PERSONNEL RECRUITMENT (INCLUDING SUBSISTENCE AND/OR LODGING) (V24)**

- V241    Military Personnel Recruitment

**CIVILIAN PERSONNEL RECRUITMENT (V25)**

- V251    Civilian Personnel Recruitment



**Code      Meaning**

**OTHER TRANSPORTATION TRAVEL AND RELOCATION SERVICES (V3)**

V301    Relocation Services  
V302    Travel Agent Services  
V999    Other Transportation Travel and Relocation Services

**LEASE OR RENTAL OF EQUIPMENT (W)**

W0\*\*    Lease or Rental of Facilities

**LEASE OR RENTAL OF FACILITIES (X)**

X\*\*\*    Lease or Rental of Equipment

**CONSTRUCTION OF STRUCTURES AND FACILITIES (Y)**

Y\*\*\*    Construction of Structures and Facilities

**MAINTENANCE, REPAIR, OR ALTERATION OF REAL PROPERTY (Z)**

Z\*\*\*    Maintenance, Repair or Alteration of Real Property

\*\*In these two positions, enter first 2 digits of FSC Code from Part C, or 99 for miscellaneous or general work. Asterisks are not to be entered as part of the code.

\*\*\*In these three positions, enter the 3 digits of the multiple use codes at the end of this section. Asterisks are not to be entered as part of the code.

## MULTIPLE USE CODES FOR BUILDINGS AND FACILITIES

Use the three digit identifiers shown below preceded by the appropriate Category Letter "E" for purchase of Structure and Facilities; "M" for Operation of Government-Owned Facilities; "X" for Lease or Rental of Facilities; "Y" for Construction of Structures and Facilities; or "Z" for Maintenance, Repair or Alteration of Real Property.

**Code      Meaning**

### ADMINISTRATIVE FACILITIES AND SERVICE BUILDINGS

- 111      Office Buildings
- 112      Conference Space and Facilities
- 119      Other Administrative Facilities and Service Buildings

### AIRFIELD, COMMUNICATIONS, AND MISSILE FACILITIES

- 121      Air Traffic Control Towers
- 122      Air Traffic Control Training Facilities
- 123      Radar and Navigational Facilities
- 124      Airport Runways
- 125      Airport Terminals
- 126      Missile System Facilities
- 127      Electronic and Communications Facilities
- 129      Other Airfield Structures

### EDUCATIONAL BUILDINGS

- 131      Schools
- 139      Other Educational Buildings

### HOSPITAL BUILDINGS

- 141      Hospitals and Infirmaries
- 142      Laboratories and Clinics
- 149      Other Hospital Buildings

### INDUSTRIAL BUILDINGS

- 151      Ammunition Facilities
- 152      Maintenance Buildings
- 153      Production Buildings
- 154      Ship Construction and Repair Facilities
- 155      Tank Automotive Facilities
- 159      Other Industrial Buildings

**Code      Meaning**

**RESIDENTIAL BUILDINGS**

161      Family Housing Facilities  
162      Recreational Buildings  
163      Troop Housing Facilities  
164      Dining Facilities  
165      Religious Facilities  
166      Penal Facilities  
169      Other Residential Buildings

**WAREHOUSE BUILDINGS**

171      Ammunition Storage Buildings  
172      Food or Grain Storage Buildings  
173      Fuel Storage Buildings  
174      Open Storage Facilities  
179      Other Warehouse Buildings

**RESEARCH AND DEVELOPMENT FACILITIES**

181      Government-Owned Contractor-Operated (GOCO) R&D Facilities  
182      Government-Owned Government-Operated (GOGO) R&D Facilities  
183      GOCO Environmental Laboratories  
184      GOGO Environmental Laboratories

**OTHER BUILDINGS**

191      Museums and Exhibition Buildings  
192      Testing and Measurement Buildings  
199      Miscellaneous Buildings

**CONSERVATION AND DEVELOPMENT FACILITIES**

211      Dams  
212      Canals  
213      Mine Fire Control Facilities  
214      Mine Subsidence Control Facilities  
215      Surface Mine Reclamation Facilities  
216      Dredging  
219      Other Conservation and Development Facilities

**HIGHWAYS, ROADS, STREETS, BRIDGES, AND RAILWAYS**

221      Airport Service Roads

**Code      Meaning**

- 222      Highways, Roads, Streets, Bridges, and Railways (includes resurfacing)
- 223      Tunnels and Subsurface Structures
- 224      Parking Facilities Conservation

**ELECTRIC POWER GENERATION (EPG) FACILITIES**

- 231      EPG Facilities - Coal
- 232      EPG Facilities - Gas
- 233      EPG Facilities - Geothermal
- 234      EPG Facilities - Hydro
- 235      EPG Facilities - Nuclear
- 236      EPG Facilities - Petroleum
- 237      EPG Facilities - Solar
- 239      EPG Facilities - Other, Including Transmission

**UTILITIES**

- 241      Fuel Supply Facilities
- 242      Heating and Cooling Plants
- 243      Pollution Abatement and Control Facilities
- 244      Sewage and Waste Facilities
- 245      Water Supply Facilities
- 249      Other Utilities

**OTHER NON-BUILDING FACILITIES**

- 291      Recreation Facilities (Non-Building)
- 292      Exhibit Design (Non-Building)
- 293      Unimproved Real Property (Land)
- 294      Waste Treatment and Storage Facilities
- 299      Other Non-Building Facilities

**RESTORATION ACTIVITIES**

- 300      Restoration of real property (public or private). All actions necessary to restore, rehabilitate, or reclaim property subsequent to an accident, incident, construction, test, dumping, waste storage, natural disaster, act of war, Government action, or direction by a court of competent jurisdiction.



**SECTION I - PART C**  
**SUPPLIES AND EQUIPMENT CODES**



## **FEDERAL PROCUREMENT DATA SYSTEM**

### **PRODUCT AND SERVICE CODES**

#### **PART C - SUPPLIES AND EQUIPMENT**

All supplies and equipment procurement shall be coded in accordance with Part C. This Part lists supplies and equipment codes of the Federal Supply Classification (FSC) which were developed for use in classifying items of supply identified under the Federal Cataloging Program

The FSC is a commodity classification designed to serve the functions of supply and is sufficiently comprehensive in scope to permit the classification of all items of personal property. In order to accomplish this, groups and classes have been established for the universe of commodities, with emphasis on the items known to be in the supply systems of the Federal Government.

The structure of the FSC, as presently established, consists of 78 groups, which are subdivided into 685 classes. Each class covers a relatively homogeneous area of commodities, in respect to their physical or performance characteristics, or in the respect that the items included therein are such as are usually requisitioned or issued together, or constitute a related grouping for supply management purpose.





**FEDERAL PROCUREMENT DATA SYSTEM**

FS

**PRODUCT AND SERVICE CODES**

**SECTION I, PART C - SUPPLIES AND EQUIPMENT**

<b>FS Group Description</b>	<b>Page</b>
10 Weapons .....	5
11 Nuclear Ordnance .....	5
12 Fire Control Equipment .....	5
13 Ammunition and Explosives .....	6
14 Guided Missiles .....	7
15 Aircraft and Airframe Structural Components .....	7
16 Aircraft Components and Accessories .....	7
17 Aircraft Launching, Landing, and Ground Handling Equipment .....	7
18 Space Vehicles .....	7
19 Ships, Small Craft, Pontoons, and Floating Docks .....	8
20 Ship and Marine Equipment .....	8
21 Unassigned .....	
22 Railway Equipment .....	8
23 Ground Effect Vehicles, Motor Vehicles, Trailers, and Cycles .....	8
24 Tractors .....	9
25 Vehicular Equipment Components .....	9
26 Tires and Tubes .....	9
27 Unassigned .....	
28 Engines, Turbines, and Components .....	9
29 Engine Accessories .....	9
30 Mechanical Power Transmission Equipment .....	10
31 Bearings .....	10
32 Woodworking Machinery and Equipment .....	10
33 Unassigned .....	
34 Metalworking Machinery .....	10
35 Service and Trade Equipment .....	11
36 Special Industry Machinery .....	11
37 Agricultural Machinery and Equipment .....	12
38 Construction, Mining, Excavating, and Highway Maintenance Equipment .....	12
39 Materials Handling Equipment .....	12
40 Rope, Cable, Chain, and Fittings .....	13
41 Refrigeration, Air Conditioning, and Air Circulating Equipment .....	13
42 Fire Fighting, Rescue, and Safety Equipment .....	13
43 Pumps and Compressors .....	13
44 Furnace, Steam Plant, and Drying Equipment; and Nuclear Reactors .....	13
45 Plumbing, Heating, and Sanitation Equipment .....	13
46 Water Purification and Sewage Treatment Equipment .....	14
47 Pipe, Tubing, Hose, and Fittings .....	14
48 Valves .....	14
49 Maintenance and Repair Shop Equipment .....	14
50 Unassigned .....	
51 Hand Tools .....	14
52 Measuring Tools .....	15

Group	Page
53 Hardware and Abrasives .....	15
54 Prefabricated Structures and Scaffolding .....	15
55 Lumber, Millwork, Plywood, and Veneer .....	15
56 Construction and Building Materials .....	15
57 Unassigned .....	
58 Communication, Detection, and Coherent Radiation Equipment .....	16
59 Electrical and Electronic Equipment Components .....	16
60 Fiber Optics Materials, Components, Assemblies, and Accessories .....	17
61 Electric Wire, and Power and Distribution Equipment .....	18
62 Lighting Fixtures and Lamps .....	18
63 Alarm, Signal, and Security Detection Systems .....	18
64 Unassigned .....	
65 Medical, Dental, and Veterinary Equipment and Supplies .....	18
66 Instruments and Laboratory Equipment .....	19
67 Photographic Equipment .....	19
68 Chemicals and Chemical Products .....	19
69 Training Aids and Devices .....	20
70 General Purpose Automatic Data Processing Equipment (Including Firmware), Software, Supplies and Support Equipment .....	20
71 Furniture .....	20
72 Household and Commercial Furnishings and Appliances .....	20
73 Food Preparation and Serving Equipment .....	21
74 Office Machines, Text Processing Systems and Visible Record Equipment .....	21
75 Office Supplies and Devices .....	21
76 Books, Maps, and Other Publications .....	21
77 Musical Instruments, Phonographs, and Home-Type Radios .....	21
78 Recreational and Athletic Equipment .....	21
79 Cleaning Equipment and Supplies .....	22
80 Brushes, Paints, Sealers, and Adhesives .....	22
81 Containers, Packaging, and Packing Supplies .....	22
82 Unassigned .....	
83 Textiles, Leather, Furs, Apparel and Shoe Findings, Tents and Flags .....	22
84 Clothing, Individual Equipment, and Insignia .....	22
85 Toiletries .....	23
86 Unassigned .....	
87 Agricultural Supplies .....	23
88 Live Animals .....	23
89 Subsistence .....	23
90 Unassigned .....	
91 Fuels, Lubricants, Oils, and Waxes .....	24
92 Unassigned .....	
93 Nonmetallic Fabricated Materials .....	24
94 Nonmetallic Crude Materials .....	24
95 Metal Bars, Sheets, and Shapes .....	24
96 Ores, Minerals, and Their Primary Products .....	25
97 Unassigned .....	
98 Unassigned .....	
99 <u>Miscellaneous</u> .....	25

## FEDERAL PROCUREMENT DATA SYSTEM

### PRODUCT AND SERVICE CODES

#### Supplies and Equipment Codes

**Code      Meaning**

#### **WEAPONS (10)**

1005    Guns, through 30 mm  
1010    Guns, over 30 mm up to 75 mm  
1015    Guns, 75 mm through 125 mm  
1020    Guns, over 125 mm through 150 mm  
1025    Guns, over 150 mm through 200 mm  
1030    Guns, over 200 mm through 300 mm  
1035    Guns, over 300 mm  
1040    Chemical Weapons and Equipment  
1045    Launchers, Torpedo and Depth Charge  
1055    Launches, Rocket and Pyrotechnic  
1070    Nets and Booms, Ordnance  
1075    Degaussing and Mine Sweeping Equipment  
1080    Camouflage and Deception Equipment  
1090    Assemblies Interchangeable Between Weapons in Two or More Classes  
1095    Miscellaneous Weapons

#### **NUCLEAR ORDNANCE (11)**

1105    Nuclear Bombs  
1110    Nuclear Projectiles  
1115    Nuclear Warheads and Warhead Sections  
1120    Nuclear Depth Charges  
1125    Nuclear Demolition Charges  
1127    Nuclear Rockets  
1130    Conversion Kits, Nuclear Ordnance  
1135    Fuzing and Firing Devices, Nuclear Ordnance  
1140    Nuclear Components  
1145    Explosive and Pyrotechnic Components, Nuclear Ordnance  
1190    Specialized Test and Handling Equipment, Nuclear Ordnance  
1195    Miscellaneous Nuclear Ordnance

#### **FIRE CONTROL EQUIPMENT (12)**

1210    Fire Control Directors  
1220    Fire Control Computing Sights and Devices  
1230    Fire Control Systems, Complete  
1240    Optical Sighting and Ranging Equipment  
1250    Fire Control Stabilizing Mechanisms

<b>Code</b>	<b>Meaning</b>
1260	Fire Control Designating and Indicating Equipment
1265	Fire Control Transmitting and Receiving Equipment, except Airborne
1270	Aircraft Gunnery Fire Control Components
1280	Aircraft Bombing Fire Control Components
1285	Fire Control Radar Equipment, except Airborne
1287	Fire Control Sonar Equipment
1290	Miscellaneous Fire Control Equipment

### **AMMUNITION AND EXPLOSIVES (13)**

1305	Ammunition, through 30 mm
1310	Ammunition, over 30 mm up to 75 mm
1315	Ammunition, 75 mm through 125 mm
1320	Ammunition, over 125 mm
1325	Bombs
1330	Grenades
1336	Guided Missile Warheads and Explosive Components
1337	Guided Missile and Space Vehicle Explosive Propulsion Units, Solid Fuel; and Components
1338	Guided Missile and Space Vehicle Inert Propulsion Units, Solid Fuel; and Components
1340	Rockets, Rocket Ammunition and Rocket Components
1345	Land Mines
1350	Underwater Mine Inert Components
1351	Underwater Mine Explosive Components
1355	Torpedo Inert Components
1356	Torpedo Explosive Components
1360	Depth Charge Inert Components
1361	Depth Charge Explosive Components
1365	Military Chemical Agents
1370	Pyrotechnics
1375	Demolition Materials
1376	Bulk Explosives
1377	Cartridge and Propellant Actuated Devices and Components
1385	Surface Use Explosive Ordnance Disposals Tools and Equipment
1386	Underwater Use Explosive Ordnance Disposal and Swimmer Weapons Systems Tools and Equipment
1390	Fuzes and Primers
1395	Miscellaneous Ammunition
1398	Specialized Ammunition Handling and Servicing Equipment

**Code      Meaning**

**GUIDED MISSILES (14)**

- 1410    Guided Missiles
- 1420    Guided Missile Components
- 1425    Guided Missile Systems, Complete
- 1427    Guided Missile Subsystems
- 1430    Guided Missile Remote Control Systems
- 1440    Launchers, Guided Missile
- 1450    Guided Missile Handling and Servicing Equipment

**AIRCRAFT AND AIRFRAME STRUCTURAL COMPONENTS (15)**

- 1510    Aircraft, Fixed Wing
- 1520    Aircraft, Rotary Wing
- 1540    Gliders
- 1550    Drones
- 1560    Airframe Structural Components

**AIRCRAFT COMPONENTS AND ACCESSORIES (16)**

- 1610    Aircraft Propellers
- 1615    Helicopter Rotor Blades, Drive Mechanisms and Components
- 1620    Aircraft Landing Gear Components
- 1630    Aircraft Wheel and Brake Systems
- 1650    Aircraft Hydraulic, Vacuum, and De-icing System Components
- 1660    Aircraft Air Conditioning, Heating, and Pressurizing Equipment
- 1670    Parachutes; Aerial Pick Up, Delivery, Recovery Systems; and Cargo Tie Down Equipment
- 1680    Miscellaneous Aircraft Accessories and Components

**AIRCRAFT LAUNCHING, LANDING, AND GROUND HANDLING EQUIPMENT (17)**

- 1710    Aircraft Landing Equipment
- 1720    Aircraft Launching Equipment
- 1730    Aircraft Ground Servicing Equipment
- 1740    Airfield Specialized Trucks and Trailers

**SPACE VEHICLES (18)**

- 1810    Space Vehicles
- 1820    Space Vehicle Components
- 1830    Space Vehicle Remote Control Systems
- 1840    Space Vehicle Launchers
- 1850    Space Vehicle Handling and Servicing Equipment

<b>Code</b>	<b>Meaning</b>
1860	Space Survival Equipment

#### **SHIPS, SMALL CRAFT, PONTOONS, AND FLOATING DOCKS (19)**

1905	Combat Ships and Landing Vessels
1910	Transport Vessels, Passenger and Troop
1915	Cargo and Tanker Vessels
1920	Fishing Vessels
1925	Special Service Vessels
1930	Barges and Lighters, Cargo
1935	Barges and Lighters, Special Purpose
1940	Small Craft
1945	Pontoons and Floating Docks
1950	Floating Drydocks
1955	Dredges
1990	Miscellaneous Vessels

#### **SHIP AND MARINE EQUIPMENT (20)**

2010	Ship and Boat Propulsion Equipment
2020	Rigging and Rigging Gear
2030	Deck Machinery
2040	Marine Hardware and Hull Items
2050	Buoys
2060	Commercial Fishing Equipment
2090	Miscellaneous Ship and Marine Equipment

#### **RAILWAY EQUIPMENT (22)**

2210	Locomotives
2220	Rail Cars
2230	Right-of-Way Construction and Maintenance Equipment, Railroad
2240	Locomotive and Rail Car Accessories and Components
2250	Track Materials, Railroad

#### **GROUND EFFECT VEHICLES, MOTOR VEHICLES, TRAILERS, AND CYCLES (23)**

2305	Ground Effect Vehicles
2310	Passenger Motor Vehicles
2320	Trucks and Truck Tractors, Wheeled
2330	Trailers
2340	Motorcycles, Motor Scooters, and Bicycles
2350	Combat, Assault and Tactical Vehicles, Tracked

**Code      Meaning**

**TRACTORS (24)**

- 2410 Tractors, Full Tracked, Low Speed
- 2420 Tractors, Wheeled
- 2430 Tractors, Full Tracked, High Speed

**VEHICULAR EQUIPMENT COMPONENTS (25)**

- 2510 Vehicular Cab, Body, and Frame Structural Components
- 2520 Vehicular Power Transmission Components
- 2530 Vehicular Brake, Steering, Axle, Wheel, and Track Components
- 2540 Vehicular Furniture and Accessories
- 2590 Miscellaneous Vehicular Components

**TIRES AND TUBES (26)**

- 2610 Tires and Tubes, Pneumatic, Except Aircraft
- 2620 Tires and Tubes, Pneumatic, Aircraft
- 2630 Tires, Solid and Cushion
- 2640 Tire Rebuilding and Tire and Tube Repair Materials

**ENGINES, TURBINES, AND COMPONENTS (28)**

- 2805 Gasoline Reciprocating Engines, Except Aircraft; and Components
- 2810 Gasoline Reciprocating Engines, Aircraft; and Components
- 2815 Diesel Engines and Components
- 2820 Steam Engines, Reciprocating; and Components
- 2825 Steam Turbines and Components
- 2830 Water Turbines and Water Wheels; and Components
- 2835 Gas Turbines and Jet Engines, Except Aircraft; and Components
- 2840 Gas Turbines and Jet Engines, Aircraft; and Components
- 2845 Rocket Engines and Components
- 2850 Gasoline Rotary Engines and Components
- 2895 Miscellaneous Engines and Components

**ENGINE ACCESSORIES (29)**

- 2910 Engine Fuel System Components, Nonaircraft
- 2915 Engine Fuel System Components, Aircraft
- 2920 Engine Electrical System Components, Nonaircraft
- 2925 Engine Electrical System Components, Aircraft
- 2930 Engine Cooling System Components, Nonaircraft
- 2935 Engine Cooling System Components, Aircraft
- 2940 Engine Air and Oil Filters, Strainers, and Cleaners, Nonaircraft
- 2945 Engine Air and Oil Filters, Strainers, and Cleaners, Aircraft



**Code      Meaning**

- 2950    Turbosuperchargers
- 2990    Miscellaneous Engine Accessories, Nonaircraft
- 2995    Miscellaneous Engine Accessories, Aircraft

**MECHANICAL POWER TRANSMISSION EQUIPMENT (30)**

- 3010    Torque Converters and Speed Changers
- 3020    Gears, Pulleys, Sprockets, and Transmission Chain
- 3030    Belting, Drive Belts, Fan Belts, and Accessories
- 3040    Miscellaneous Power Transmission Equipment

**BEARINGS (31)**

- 3110    Bearings, Antifriction, Unmounted
- 3120    Bearings, Plain, Unmounted
- 3130    Bearings, Mounted

**WOODWORKING MACHINERY AND EQUIPMENT (32)**

- 3210    Sawmill and Planing Mill Machinery
- 3220    Woodworking Machines
- 3230    Tools and Attachments for Woodworking Machinery

**METALWORKING MACHINERY (34)**

- 3405    Saws and Filing Machines
- 3408    Machining Centers and Way-Type Machines
- 3410    Electrical and Ultrasonic Erosion Machines
- 3411    Boring Machines
- 3412    Broaching Machines
- 3413    Drilling and Tapping Machines
- 3414    Gear Cutting and Finishing Machines
- 3415    Grinding Machines
- 3416    Lathes
- 3417    Milling Machines
- 3418    Planers and Shapers
- 3419    Miscellaneous Machine Tools
- 3422    Rolling Mills and Drawing Machines
- 3424    Metal Heat Treating and Non-Thermal Treating Equipment
- 3426    Metal Finishing Equipment
- 3431    Electric Arc Welding Equipment
- 3432    Electric Resistance Welding Equipment
- 3433    Gas Welding, Heat Cutting, and Metalizing Equipment

**Code    Meaning**

- 3436    Welding Positioners and Manipulators
- 3438    Miscellaneous Welding Equipment
- 3439    Miscellaneous Welding, Soldering, and Brazing Supplies and Accessories
- 3441    Bending and Forming Machines
- 3442    Hydraulic and Pneumatic Presses, Power Driven
- 3443    Mechanical Presses, Power Driven
- 3444    Manual Presses
- 3445    Punching and Shearing Machines
- 3446    Forging Machinery and Hammers
- 3447    Wire and Metal Ribbon Forming Machines
- 3448    Riveting Machines
- 3449    Miscellaneous Secondary Metal Forming and Cutting Machines
- 3450    Machine Tools, Portable
- 3455    Cutting Tools for Machine Tools
- 3456    Cutting and Forming Tools for Secondary Metalworking Machinery
- 3460    Machine Tool Accessories
- 3461    Accessories for Secondary Metalworking Machinery
- 3465    Production Jigs, Fixtures, and Templates
- 3470    Machine Shop Sets, Kits, and Outfits

**SERVICE AND TRADE EQUIPMENT (35)**

- 3510    Laundry and Dry Cleaning Equipment
- 3520    Shoe Repairing Equipment
- 3530    Industrial Sewing Machines and Mobile Textile Repair Shops
- 3540    Wrapping and Packaging Machinery
- 3550    Vending and Coin Operating Machines
- 3590    Miscellaneous Service and Trade Equipment

**SPECIAL INDUSTRY MACHINERY (36)**

- 3605    Food Products Machinery and Equipment
- 3610    Printing, Duplicating, and Bookbinding Equipment
- 3611    Industrial Marking Machines
- 3615    Pulp and Paper Industries Machinery
- 3620    Rubber and Plastics Working Machinery
- 3625    Textile Industries Machinery
- 3630    Clay and Concrete Products Industries Machinery
- 3635    Crystal and Glass Industries Machinery
- 3640    Tobacco Manufacturing Machinery
- 3645    Leather Tanning and Leather Working Industries Machinery
- 3650    Chemical and Pharmaceutical  
      Products Manufacturing Machinery
- 3655    Gas Generating and Dispensing Systems, Fixed or Mobile

<b>Code</b>	<b>Meaning</b>
3660	Industrial Size Reduction Machinery
3670	Specialized Semiconductor, Microcircuit, and Printed Circuit Board Manufacturing Machinery
3680	Foundry Machinery, Related Equipment and Supplies
3685	Specialized Metal Container Manufacturing Machinery and Related Equipment
3690	Specialized Ammunition and Ordnance Machinery and Related Equipment
3693	Industrial Assembly Machines
3694	Clean Work Stations, Controlled Environment and Related Equipment
3695	Miscellaneous Special Industry Machinery

#### **AGRICULTURAL MACHINERY AND EQUIPMENT (37)**

3710	Soil Preparation Equipment
3720	Harvesting Equipment
3730	Dairy, Poultry, and Livestock Equipment
3740	Pest, Disease, and Frost Control Equipment
3750	Gardening Implements and Tools
3760	Animal Drawn Vehicles and Farm Trailers
3770	Saddlery, Harness, Whips, and Related Animal Furnishings

#### **CONSTRUCTION, MINING, EXCAVATING, AND HIGHWAY MAINTENANCE EQUIPMENT (38)**

3805	Earth Moving and Excavating Equipment
3810	Cranes and Crane-Shovels
3815	Crane and Crane-Shovel Attachments
3820	Mining, Rock Drilling, Earth Boring and Related Equipment
3825	Road Clearing and Cleaning Equipment
3830	Truck and Tractor Attachments
3835	Petroleum Production and Distribution Equipment
3895	Miscellaneous Construction Equipment

#### **MATERIALS HANDLING EQUIPMENT (39)**

3910	Conveyors
3915	Materials Feeders
3920	Materials Handling Equipment, Nonself-Propelled
3930	Warehouse Trucks and Tractors, Self-Propelled
3940	Blocks, Tackle, Rigging, and Slings
3950	Winches, Hoists, Cranes, and Derricks
3960	Elevators and Escalators
3990	Miscellaneous Materials Handling Equipment

**Code      Meaning**

**ROPE, CABLE, CHAIN, AND FITTINGS (40)**

- 4010 Chain and Wire Rope
- 4020 Fiber Rope, Cordage, and Twine
- 4030 Fittings for Rope, Cable, and Chain

**REFRIGERATION, AIR CONDITIONING, AND AIR CIRCULATING EQUIPMENT (41)**

- 4110 Refrigeration Equipment
- 4120 Air Conditioning Equipment
- 4130 Refrigeration and Air Conditioning Components
- 4140 Fans, Air Circulators, and Blower Equipment

**FIRE FIGHTING, RESCUE, AND SAFETY EQUIPMENT (42)**

- 4210 Fire Fighting Equipment
- 4220 Marine Lifesaving and Diving Equipment
- 4230 Decontaminating and Impregnating Equipment
- 4240 Safety and Rescue Equipment

**PUMPS AND COMPRESSORS (43)**

- 4310 Compressors and Vacuum Pumps
- 4320 Power and Hand Pumps
- 4330 Centrifugals, Separators, and Pressure and Vacuum Filters

**FURNACE, STEAM PLANT, AND DRYING EQUIPMENT; AND NUCLEAR REACTORS (44)**

- 4410 Industrial Boilers
- 4420 Heat Exchangers and Steam Condensers
- 4430 Industrial Furnaces, Kilns, Lehrs, and Ovens
- 4440 Driers, Dehydrators, and Anhydrators
- 4460 Air Purification Equipment
- 4470 Nuclear Reactors

**PLUMBING, HEATING, AND SANITATION EQUIPMENT (45)**

- 4510 Plumbing Fixtures and Accessories
- 4520 Space Heating Equipment and Domestic Water Heaters
- 4530 Fuel Burning Equipment Units
- 4540 Miscellaneous Plumbing, Heating, and Sanitation Equipment

**Code      Meaning**

**WATER PURIFICATION AND SEWAGE TREATMENT EQUIPMENT (46)**

- 4610    Water Purification Equipment
- 4620    Water Distillation Equipment, Marine and Industrial
- 4630    Sewage Treatment Equipment

**PIPE, TUBING, HOSE, AND FITTINGS (47)**

- 4710    Pipe and Tube
- 4720    Hose and Tubing, Flexible
- 4730    Fittings and Specialties; Hose, Pipe, and Tube

**VALVES (48)**

- 4810    Valves, Powered
- 4820    Valves, Nonpowered

**MAINTENANCE AND REPAIR SHOP EQUIPMENT (49)**

- 4910    Motor Vehicle Maintenance and Repair Shop Specialized Equipment
- 4920    Aircraft Maintenance and Repair Shop Specialized Equipment
- 4921    Torpedo Maintenance, Repair, and Checkout Specialized Equipment
- 4923    Depth Charges and Underwater Mines Maintenance, Repair, and Checkout Specialized Equipment
- 4925    Ammunition Maintenance, Repair, and Checkout Specialized Equipment
- 4927    Rocket Maintenance, Repair, and Checkout Specialized Equipment
- 4930    Lubrication and Fuel Dispensing Equipment
- 4931    Fire Control Maintenance and Repair Shop Specialized Equipment
- 4933    Weapons Maintenance and Repair Shop Specialized Equipment
- 4935    Guided Missile Maintenance, Repair, and Checkout Specialized Equipment
- 4940    Miscellaneous Maintenance and Repair Shop Specialized Equipment
- 4960    Space Vehicle Maintenance, Repair, and Checkout Specialized Equipment

**HAND TOOLS (51)**

- 5110    Hand Tools, Edged, Nonpowered
- 5120    Hand Tools, Nonedged, Nonpowered
- 5130    Hand Tools, Power Driven
- 5133    Drill Bits, Counterbores, and Counter-sinks; Hand and Machine
- 5136    Taps, Dies, and Collets; Hand and Machine
- 5140    Tool and Hardware Boxes
- 5180    Sets, Kits, and Outfits of Hand Tools

**Code      Meaning**

**MEASURING TOOLS (52)**

- 5210    Measuring Tools, Craftsmen's
- 5220    Inspection Gages and Precision Layout Tools
- 5280    Sets, Kits, and Outfits of Measuring Tools

**HARDWARE AND ABRASIVES (53)**

- 5305    Screws
- 5306    Bolts
- 5307    Studs
- 5310    Nuts and Washers
- 5315    Nails, Keys, and Pins
- 5320    Rivets
- 5325    Fastening Device
- 5330    Packing and Gasket Materials
- 5335    Metal Screening
- 5340    Miscellaneous Hardware
- 5345    Disks and Stones, Abrasive
- 5350    Abrasive Materials
- 5355    Knobs and Pointers
- 5360    Coil, Flat, and Wire Springs
- 5365    Rings, Shims, and Spacers

**PREFABRICATED STRUCTURES AND SCAFFOLDING (54)**

- 5410    Prefabricated and Portable Buildings
- 5411    Rigid Wall Shelters
- 5420    Bridges, Fixed and Floating
- 5430    Storage Tanks
- 5440    Scaffolding Equipment and Concrete Forms
- 5445    Prefabricated Tower Structures
- 5450    Miscellaneous Prefabricated Structures

**LUMBER, MILLWORK, PLYWOOD, AND VENEER (55)**

- 5510    Lumber and Related Basic Wood Materials
- 5520    Millwork
- 5530    Plywood and Veneer

**CONSTRUCTION AND BUILDING MATERIALS (56)**

- 5610    Mineral Construction Materials, Bulk
- 5620    Building Glass, Tile, Brick, and Block

<b>Code</b>	<b>Meaning</b>
5650	Roofing and Siding Materials
5660	Fencing, Fences, and Gates
5670	Building Components, Prefabricated
5680	Miscellaneous Construction Materials
5630	Pipe and Conduit, Nonmetallic
5640	Wallboard, Building Paper, and Thermal Insulation Materials

### **COMMUNICATION, DETECTION AND COHERENT RADIATION EQUIPMENT (58)**

5805	Telephone and Telegraph Equipment
5810	Communications Security Equipment and Components
5811	Other Cryptologic Equipment and Components
5815	Teletype and Facsimile Equipment
5820	Radio and Television Communication Equipment, Except Airborne
5821	Radio and Television Communication Equipment, Airborne
5825	Radio Navigation Equipment, Except Airborne
5826	Radio Navigation Equipment, Airborne
5830	Intercommunication and Public Address Systems, Except Airborne
5835	Sound Recording and Reproducing Equipment
5831	Intercommunication and Public Address Systems, Airborne
5836	Video Recording and Reproducing Equipment
5840	Radar Equipment, Except Airborne
5841	Radar Equipment, Airborne
5845	Underwater Sound Equipment
5850	Visible and Invisible Light Communication Equipment
5855	Night Vision Equipment, Emitted and Reflected Radiation
5860	Stimulated Coherent Radiation Devices, Components and Accessories
5865	Electronic Countermeasures, Counter-Counter-Measures and Quick Reaction Capability Equipment
5895	Miscellaneous Communication Equipment

### **ELECTRICAL AND ELECTRONIC EQUIPMENT COMPONENTS (59)**

5905	Resistors
5910	Capacitors
5915	Filters and Networks
5920	Fuses, Arresters, Absorbers, and Protectors
5925	Circuit Breakers
5930	Switches
5935	Connectors, Electrical
5940	Lugs, Terminals, and Terminal Strips
5945	Relays and Solenoids
5950	Coils and Transformers

<b>Code</b>	<b>Meaning</b>
5955	Oscillators and Piezoelectric Crystals
5960	Electron Tubes and Associated Hardware
5961	Semiconductor Devices and Associated Hardware
5962	Microcircuits, Electronic
5963	Electronic Modules
5965	Headsets, Handsets, Microphones and Speakers
5970	Electrical Insulators and Insulating Materials
5975	Electrical Hardware and Supplies
5977	Electrical Contact Brushes and Electrodes
5980	Optoelectronic Devices and Associated Hardware
5985	Antennas, Waveguides, and Related Equipment
5990	Synchros and Resolvers
5995	Cable, Cord, and Wire Assemblies: Communications Equipment
5998	Electrical and Electronic Boards, Cards, and Associated Hardware
5999	Miscellaneous Electrical and Electronic Components

**FIBER OPTICS MATERIALS, COMPONENTS, ASSEMBLIES, AND ACCESSORIES (60)**

6004	Rotary Joints
6005	Couplers, Splitters, and Mixers
6006	Attenuators
6007	Filters
6008	Optical Multiplexers/Demultiplexers
6010	Fiber Optic Conductors
6015	Fiber Optic Cables
6020	Fiber Optic Cable Assemblies and Harnesses
6021	Fiber Optic Switches
6025	Fiber Optic Transmitters
6026	Fiber Optic Receivers
6029	Optical Repeaters
6030	Fiber Optic Devices
6031	Integrated Optical Circuits
6032	Fiber Optic Light Sources
6033	Fiber Optic Photo Detectors
6034	Fiber Optic Modulators/Demodulators
6035	Fiber Optic Light Transfer and Image Transfer Devices
6040	Fiber Optic Sensors
6050	Fiber Optic Passive Devices
6060	Fiber Optic Interconnectors and Supplies
6070	Fiber Optic Accessories and Supplies
6080	Fiber Optic Kits and Sets
6099	Miscellaneous Fiber Optic Components



**Code      Meaning**

**ELECTRIC WIRE, AND POWER AND DISTRIBUTION EQUIPMENT (61)**

6105    Motors, Electrical  
6110    Electrical Control Equipment  
6115    Generators and Generators Sets, Electrical  
6116    Fuel Cell Power Units, Components, and Accessories  
6117    Solar Electric Power Systems  
6120    Transformers: Distribution and Power Station  
6125    Converters, Electrical, Rotating  
6130    Converters, Electrical, Nonrotating  
6135    Batteries, Nonrechargeable  
6140    Batteries, Rechargeable  
6145    Wire and Cable, Electrical  
6150    Miscellaneous Electric Power and Distribution Equipment  
6160    Miscellaneous Battery Retaining Fixtures and Liners

**LIGHTING FIXTURES AND LAMPS (62)**

6210    Indoor and Outdoor Electric Lighting Fixtures  
6220    Electric Vehicular Lights and Fixtures  
6230    Electric Portable and Hand Lighting Equipment  
6240    Electric Lamps  
6250    Ballasts, Lampholders, and Starters  
6260    Nonelectrical Lighting Fixtures

**ALARM, SIGNAL, AND SECURITY DETECTION SYSTEMS (63)**

6310    Traffic and Transit Signal Systems  
6320    Shipboard Alarm and Signal Systems  
6330    Railroad Signal and Warning Devices  
6340    Aircraft Alarm and Signal Systems  
6350    Miscellaneous Alarm, Signal and Security Detection Systems

**MEDICAL, DENTAL, AND VETERINARY EQUIPMENT AND SUPPLIES (65)**

6505    Drugs and Biologicals  
6506    Blood  
6507    Blood Derivatives  
6508    Medicated Cosmetics and Toiletries  
6510    Surgical Dressing Materials  
6515    Medical and Surgical Instruments, Equipment, and Supplies  
6520    Dental Instruments, Equipment, and Supplies  
6525    X-Ray Equipment and Supplies: Medical, Dental, Veterinary

<b>Code</b>	<b>Meaning</b>
6530	Hospital Furniture, Equipment, Utensils, and Supplies
6532	Hospital and Surgical Clothing and Related Special Purpose Items
6540	Ophthalmic Instruments, Equipment, and Supplies
6545	Replenishable Field Medical Sets, Kits, and Outfits
6550	In Vitro Diagnostic Substances, Reagents, Test Kits, and Sets

#### **INSTRUMENTS AND LABORATORY EQUIPMENT (66)**

6605	Navigational Instruments
6610	Flight Instruments
6615	Automatic Pilot Mechanisms and Airborne Gyro Components
6620	Engine Instruments
6625	Electrical and Electronic Properties Measuring and Testing Instruments
6630	Chemical Analysis Instruments
6635	Physical Properties Testing Equipment
6636	Environmental Chambers and Related Equipment
6640	Laboratory Equipment and Supplies
6645	Time Measuring Instruments
6650	Optical Instruments, Test Equipment, Components and Accessories
6655	Geophysical Instruments
6660	Meteorological Instruments and Apparatus
6665	Hazard-Detecting Instruments and Apparatus
6670	Scales and Balances
6675	Drafting, Surveying, and Mapping Instruments
6680	Liquid and Gas Flow, Liquid Level, and Mechanical Motion Measuring Instruments
6685	Pressure, Temperature, and Humidity Measuring and Controlling Instruments
6695	Combination and Miscellaneous Instruments

#### **PHOTOGRAPHIC INSTRUMENTS (67)**

6710	Cameras, Motion Picture
6720	Cameras, Still Picture
6730	Photographic Projection Equipment
6740	Photographic Developing and Finishing Equipment
6750	Photographic Supplies
6760	Photographic Equipment and Accessories
6770	Film, Processed
6780	Photographic, Sets, Kits, and Outfits

#### **CHEMICALS AND CHEMICAL PRODUCTS (68)**

6810	Chemicals
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<b>Code</b>	<b>Meaning</b>
6820	Dyes
6830	Gases: Compressed and Liquefied
6840	Pest Control Agents and Disinfectants
6850	Miscellaneous Chemical Specialties

**TRAINING AIDS AND DEVICES (69)**

6910	Training Aids
6920	Armament Training Devices
6930	Operation Training Devices
6940	Communication Training Devices

**GENERAL PURPOSE AUTOMATIC DATA PROCESSING EQUIPMENT (INCLUDING FIRMWARE), SOFTWARE, SUPPLIES AND SUPPORT EQUIPMENT (70)**

7010	ADPE System Configuration
7020	ADP Central Processing Unit (CPU, Computer), Analog
7021	ADP Central Processing Unit (CPU, Computer), Digital
7022	ADP Central Processing Unit (CPU, Computer), Hybrid
7025	ADP Input/Output and Storage Devices
7030	ADP Software
7035	ADP Support Equipment
7040	Punched Card Equipment
7042	Mini and Micro Computer Control Devices
7045	ADP Supplies
7050	ADP Components

**FURNITURE (71)**

7105	Household Furniture
7110	Office Furniture
7125	Cabinets, Lockers, Bins, and Shelving
7195	Miscellaneous Furniture and Fixtures

**HOUSEHOLD AND COMMERCIAL FURNISHINGS AND APPLIANCES (72)**

7210	Household Furnishings
7220	Floor Coverings
7230	Draperies, Awnings, and Shades
7240	Household and Commercial Utility Containers
7290	Miscellaneous Household and Commercial Furnishings and Appliances

**Code      Meaning**

**FOOD PREPARATION AND SERVING EQUIPMENT (73)**

- 7310 Food Cooking, Baking, and Serving Equipment
- 7320 Kitchen Equipment and Appliances
- 7330 Kitchen Hand Tools and Utensils
- 7340 Cutlery and Flatware
- 7350 Tableware
- 7360 Sets, Kits, Outfits, and Modules, Food Preparation and Serving

**OFFICE MACHINES, TEXT PROCESSING SYSTEMS AND VISIBLE RECORD EQUIPMENT (74)**

- 7420 Accounting and Calculating Machines
- 7430 Typewriters and Office Type Composing Machines
- 7435 Office Information System Equipment
- 7450 Office Type Sound Recording and Reproducing Machines
- 7460 Visible Record Equipment
- 7490 Miscellaneous Office Machines

**OFFICE SUPPLIES AND DEVICES (75)**

- 7510 Office Supplies
- 7520 Office Devices and Accessories
- 7530 Stationery and Record Forms
- 7540 Standard Forms

**BOOKS, MAPS, AND OTHER PUBLICATIONS (76)**

- 7610 Books and Pamphlets
- 7630 Newspapers and Periodicals
- 7640 Maps, Atlases, Charts, and Globes
- 7650 Drawings and Specifications
- 7660 Sheet and Book Music
- 7670 Microfilm, Processed
- 7690 Miscellaneous Printed Matter

**MUSICAL INSTRUMENTS, PHONOGRAPHS, AND HOME-TYPE RADIOS (77)**

- 7710 Musical Instruments
- 7720 Musical Instrument Parts and Accessories
- 7730 Phonographs, Radio and Television Sets: Home-Type
- 7740 Phonograph Records

**RECREATIONAL AND ATHLETIC EQUIPMENT (78)**

- 7810 Athletic and Sporting Equipment

**Code      Meaning**

- 7820 Games, Toys and Wheeled Goods
- 7830 Recreational and Gymnastic Equipment

**CLEANING EQUIPMENT AND SUPPLIES (79)**

- 7910 Floor Polishers and Vacuum Cleaning Equipment
- 7920 Brooms, Brushes, Mops, and Sponges
- 7930 Cleaning and Polishing Compounds and Preparations

**BRUSHES, PAINTS, SEALERS, AND ADHESIVES (80)**

- 8010 Paints, Dopes, Varnishes, and Related Products
- 8020 Paint and Artists' Brushes
- 8030 Preservative and Sealing Compounds
- 8040 Adhesives

**CONTAINERS, PACKAGING, AND PACKING SUPPLIES (81)**

- 8105 Bags and Sacks
- 8110 Drums and Cans
- 8115 Boxes, Cartons, and Crates
- 8120 Commercial and Industrial GasCylinders
- 8125 Bottles and Jars
- 8130 Reels and Spools
- 8135 Packaging and Packing Bulk Materials
- 8140 Ammunition and Nuclear Ordnance Boxes, Packages and Special Containers
- 8145 Specialized Shipping and Storage Containers

**TEXTILES, LEATHER, FURS, APPAREL, AND SHOE FINDINGS, TENTS AND FLAGS (83)**

- 8305 Textile Fabrics
- 8310 Yarn and Thread
- 8315 Notions and Apparel Findings
- 8320 Padding and Stuffing Materials
- 8325 Fur Materials
- 8330 Leather
- 8335 Shoe Findings and Soling Materials
- 8340 Tents and Tarpaulins
- 8345 Flags and Pennants

**CLOTHING, INDIVIDUAL EQUIPMENT, AND INSIGNIA (84)**

- 8405 Outerwear, Men's
- 8410 Outerwear, Women's

**Code      Meaning**

- 8415    Clothing, Special Purpose
- 8420    Underwear and Nightwear, Men's
- 8425    Underwear and Nightwear, Women's
- 8430    Footwear, Men's
- 8435    Footwear, Women's
- 8440    Hosiery, Handwear, and Clothing Accessories, Men's
- 8445    Hosiery, Handwear, and Clothing Accessories, Women's
- 8450    Children's and Infants' Apparel and Accessories
- 8455    Badges and Insignia
- 8460    Luggage
- 8465    Individual Equipment
- 8470    Armor, Personal
- 8475    Specialized Flight Clothing and Accessories

**TOILETRIES (85)**

- 8510    Perfumes, Toilet Preparations, and Powders
- 8520    Toilet Soap, Shaving Preparations, and Dentifrices
- 8530    Personal Toiletry Articles
- 8540    Toiletry Paper Products

**AGRICULTURAL SUPPLIES (87)**

- 8710    Forage and Feed
- 8720    Fertilizers
- 8730    Seeds and Nursery Stock

**LIVE ANIMALS (88)**

- 8810    Live Animals, Raised for Food
- 8820    Live Animals, Not Raised for Food

**SUBSISTENCE (89)**

- 8905    Meat, Poultry, and Fish
- 8910    Dairy Foods and Eggs
- 8915    Fruits and Vegetables
- 8920    Bakery and Cereal Products
- 8925    Sugar, Confectionery, and Nuts
- 8930    Jams, Jellies, and Preserves
- 8935    Soups and Bouillons
- 8940    Special Dietary Foods and Food Specialty Preparations
- 8945    Food, Oils and Fats
- 8950    Condiments and Related Products

**Code      Meaning**

- 8955    Coffee, Tea, and Cocoa
- 8960    Beverages, Nonalcoholic
- 8965    Beverages, Alcoholic
- 8970    Composite Food Packages
- 8975    Tobacco Products

**FUELS, LUBRICANTS, OILS AND WAXES (91)**

- 9110    Fuels, Solid
- 9130    Liquid Propellants and Fuels, Petroleum Base
- 9135    Liquid Propellant Fuels and Oxidizers, Chemical Base
- 9140    Fuel Oils
- 9150    Oils and Greases: Cutting, Lubricating, and Hydraulic
- 9160    Miscellaneous Waxes, Oils, and Fats

**NONMETALLIC FABRICATED MATERIALS (93)**

- 9310    Paper and Paperboard
- 9320    Rubber Fabricated Materials
- 9330    Plastics Fabricated Materials
- 9340    Glass Fabricated Materials
- 9350    Refractories and Fire Surfacing Materials
- 9390    Miscellaneous Fabricated Nonmetallic Materials

**NONMETALLIC CRUDE MATERIALS (94)**

- 9410    Crude Grades of Plant Materials
- 9420    Fibers: Vegetables, Animal, and Synthetic
- 9430    Miscellaneous Crude Animal Products, Inedible
- 9440    Miscellaneous Crude Agricultural and Forestry Products
- 9450    Nonmetallic Scrap, Except Textile

**METAL BARS, SHEETS, AND SHAPES (95)**

- 9505    Wire, Nonelectrical, Iron and Steel
- 9510    Bars and Rods, Iron and Steel
- 9515    Plate, Sheet, Strip and Foil; Iron and Steel
- 9520    Structural Shapes, Iron and Steel
- 9525    Wire, Nonelectrical, Nonferrous Base Metal
- 9530    Bars and Rods, Nonferrous Base Metal
- 9535    Plate, Sheet, Strip, and Foil: Nonferrous Base Metal
- 9540    Structural Shapes, Nonferrous Base Metal
- 9545    Plate, Sheet, Strip, Foil, and Wire: Precious Metal

**Code      Meaning**

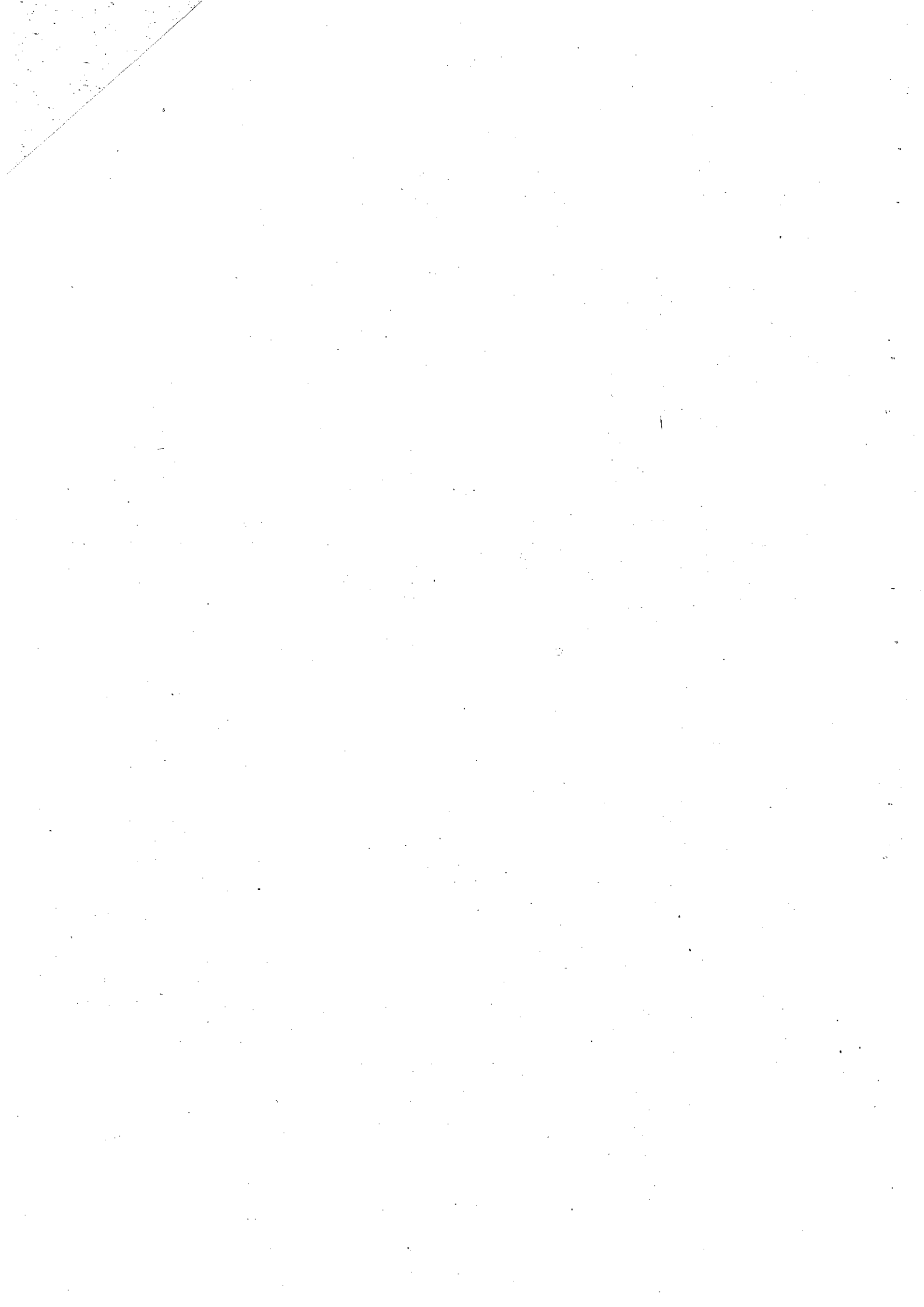
**ORES, MINERALS, AND THEIR PRIMARY PRODUCTS (96)**

9610    Ores  
9620    Minerals, Natural and Synthetic  
9630    Additive Metal Materials and Master Alloys  
9640    Iron and Steel Primary and Semifinished Products  
9650    Nonferrous Base Metal Refinery and Intermediate Forms  
9660    Precious Metals Primary Forms  
9670    Iron and Steel Scrap  
9680    Nonferrous Metal Scrap

**MISCELLANEOUS (99)**

9905    Signs, Advertising Displays, and Identification Plates  
9910    Jewelry  
9915    Collectors and/or Historical Items  
9920    Smokers' Articles and Matches  
9925    Ecclesiastical Equipment, Furnishings, and Supplies  
9930    Memorials: ~~Cemeterial~~ and Mortuary Equipment and Supplies  
9999    Miscellaneous Items





# FEDERAL PROCUREMENT DATA SYSTEM

## PRODUCT AND SERVICE CODES

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# FEDERAL PROCUREMENT DATA SYSTEM

## PRODUCT AND SERVICE CODES

### Federal Supply Classification Codes

#### GROUP 10 Weapons

NOTE: This group includes both offensive and defensive weapons. Excluded from this group are fire control and night vision devices classifiable in groups 12 or 58.

- 1005 Guns, through 30 mm  
*Includes* Machine guns; Brushes, Machine Gun and Pistol.  
*Excludes* Turrets, Aircraft.
- 1010 Guns, over 30 mm up to 75 mm  
*Includes* Breech Mechanisms; Mounts. Grenade Launchers for Integral-Cartridge Grenades, Single-Shot or Auto-Loading or Automatic-Firing.
- 1015 Guns, 75 mm through 125 mm  
*Includes* Breech Mechanisms; Mounts; Rammers.
- 1020 Guns, over 125 mm through 150 mm  
*Includes* Breech Mechanisms, Power Drives; Gun Shields.
- 1025 Guns, over 150 mm through 200 mm  
*Includes* Firing Platforms; Mounts; Gun Shields.
- 1030 Guns, over 200 mm through 300 mm  
*Includes* Gun Yokes; Rammers; Reflectors.
- 1035 Guns, over 300 mm  
*Includes* Breech Mechanisms; Training Gears; Power Drives.
- 1040 Chemical Weapons and Equipment  
*Includes* Flame Throwers; Smoke Generators.
- 1045 Launchers, Torpedo and Depth Charge  
*Includes* Depth Charge Tracks; Torpedo Tubes.
- 1055 Launchers, Rocket and Pyrotechnic  
*Includes* Airborne Rocket Launchers adaptable to guided missile use.  
*Excludes* Specifically designed Airborne Guided Missile Launchers; Jettisonable Rocket Launchers; Launcher Fairings designed for specific airframes; Rifle Grenade Launchers; Grenade Launchers for Integral-Cartridge Grenades, Single-Shot or Auto-Loading or Automatic Firing.
- 1070 Nets and Booms, Ordnance  
NOTE: This class includes nets and booms for harbor defense only.
- 1075 Degaussing and Mine Sweeping Equipment
- 1080 Camouflage and Deception Equipment  
*Includes* Dummy Artillery, Aircraft and Vehicles; Garnished Nets.
- 1090 Assemblies Interchangeable Between Weapons in Two or More Classes  
*Includes* Components and Accessories used on or with weapons falling in two or more classes of group 10.
- 1095 Miscellaneous Weapons  
*Includes* Line Throwing Guns; Catapult Guns; Bayonets; Saluting Guns; Signal Guns; Flare Guns; Barrage Balloons; Accessories, not elsewhere classifiable, for Weapons in this group; Expendable Bomb Dispensers.

#### GROUP 11 Nuclear Ordnance

NOTE: This group includes, in particular, nuclear ordnance training weapons, practice ballistic units, and all components specially designed therefore, when not specifically classified elsewhere. Also included in the group are specially designed simulators and mockups, which are integral parts of the above. Excluded from this group are general purpose nose cones, case sections, flare sections or center sections

designed to carry payloads other than nuclear and/or for use on a missile, rocket, or re-entry vehicle to attain the necessary aerodynamic configuration.

1105 Nuclear Bombs

NOTE: This class includes nuclear weapons (including bombs), which are designed to be dropped from an aircraft.

*Includes* Ballistic cases, tail assemblies, retardation devices, and other peculiar components which are not classifiable elsewhere.

*Excludes* Parachute canopies and canopy hardware.

1110 Nuclear Projectiles

NOTE: This class includes nuclear weapons which are designed to be propelled from a recoilless rifle, gun, howitzer, or the like, and which are not designed to be self-propelled.

*Includes* Ogive sections, body sections, bases, and other peculiar components which are not classifiable elsewhere.

1115 Nuclear Warheads and Warhead Sections

NOTE: This class includes nuclear warheads (without or assembled with case sections, adaption kits, and/or fuzing and firing components) which are to be used in or with bombs, rockets, projectiles, missiles, demolition charges, or the like. Also includes case sections, nose cones, flare sections, center sections, and auxiliary structural components of missiles, rockets, and re-entry vehicles which are designed or constructed for exclusive use with or for housing of nuclear warheads and/or warhead sections.

*Includes* Components and parts peculiar to the warhead or warhead section, which are not classifiable in more specific classes.

*Excludes* Such components as fuzing and firing devices, nuclear components, high explosive components, classifiable in more specific classes, and items such as projectiles and bombs which include the entire outer case of a weapon.

1120 Nuclear Depth Charges

NOTE: This class includes nuclear weapons which consist of depth charge bodies assembled with nuclear warheads. It includes training weapons and all specially designed

components which are not classifiable elsewhere.

1125 Nuclear Demolition Charges

NOTE: This class includes nuclear weapons which are designed to be emplaced in or near a structure, area, or the like, which is to be destroyed. The weapons may include accessories.

*Includes* Outer cases, case sections and other peculiar components, which are not classifiable elsewhere.

1127 Nuclear Rockets

NOTE: This class includes nuclear weapons, consisting of rocket bodies assembled with nuclear warheads, which comprise a single item of supply and are issued as such.

*Includes* Components peculiar to assembled rockets which are not classifiable elsewhere.  
*Excludes* Rocket Motors; Warhead Components; Rocket Components classified in other FSC classes.

1130 Conversion Kits, Nuclear Ordnance

NOTE: This class includes collections of items used for the purpose of converting nuclear weapons from one configuration to another.

1135 Fuzing and Firing Devices, Nuclear Ordnance

*Includes* Such items as fuzes, power supplies, firing sets, X-units, cables, safing devices, adaption kits, and re-entry vehicle nuclear ordnance arming and fuzing systems.

1140 Nuclear Components

*Includes* All components which contain or simulate nuclear active materials.  
*Excludes* End items, such as bombs, projectiles, warheads, and the like.

1145 Explosive and Pyrotechnic Components, Nuclear Ordnance

NOTE: This class includes actual and simulated explosive and pyrotechnic components peculiar to all nuclear ordnance and items such as bombs, demolition charges, rockets, projectiles, warheads, and related systems. Excluded from this class are all ex-

plosive and pyrotechnic components designed for other than nuclear ordnance applications.

- 1190 Specialized Test and Handling Equipment, Nuclear Ordnance  
*Includes* Specially designed trucks and trailers for nuclear ordnance; Specially designed slings and hoists; Operational, test, and setting devices, and cradles; Conditioning Kits and Sets, Controlled Environment.  
*Excludes* Hand tools; Instruments for use on both nuclear ordnance and other equipment; Basic types of electrical and electronic test instruments, including those specially designed, such as ammeters, voltmeters, ohmmeters, multimeters, and similar instruments, as shown in the indexes in the FSC.
- 1195 Miscellaneous Nuclear Ordnance  
*Includes* Item common to more than one class or items not properly fitting into the foregoing classes of nuclear ordnance.

## GROUP 12 Fire Control Equipment

NOTE: Fire Control assemblies, subassemblies, and components are classified:

- a. In appropriate classes of this group when:
  - (1) Designed for multiple applications to different kinds of fire control equipment.
  - (2) Modified for use with guided missile remote control systems.
  - (3) Designed specifically for shipborne guided missile remote control systems.
  - (4) Radar equipment, designed specifically for fire control systems.
  - (5) Both day and night viewing characteristics are incorporated into an integral unit.
- b. In class 1270 or 1280, when designed specifically for aircraft gunnery or aircraft bombing fire control, respectively.
- c. In class 1430, when designed specifically for guided missile remote control systems, except shipboard type.
- d. In appropriate classes of group 58, when designed for multiple applications to both fire control and communication equipment.

e. In appropriate classes of group 58 when designed for night vision.

- 1210 Fire Control Directors
- 1220 Fire Control Computing Sights and Devices
- 1230 Fire Control Systems, Complete  
NOTE: This class includes only complete fire control systems. Anything less than a complete system, such as individual end items, assemblies, parts, attachments, or accessories for use in fire control systems are classified in classes other than this class.
- 1240 Optical Sighting and Ranging Equipment  
*Includes* Periscopes for Submarines; Range and Height Finders; Telescopic Sights; Optical Instruments Integrated with Fire Control Equipment.
- 1250 Fire Control Stabilizing Mechanisms
- 1260 Fire Control Designating and Indicating Equipment  
*Includes* Turret, Gun, Torpedo Mount, and Searchlight Indicating Equipment; Target Designating Equipment; Synchro Systems.
- 1265 Fire Control Transmitting and Receiving Equipment, except Airborne  
*Includes* Fire Control Transmitters, Transmitter-Receiver, Receivers, Receiver-Regulators.  
*Excludes* Fire Control Transmitting and Receiving Equipment, Specially Designed for use on or with Fire Control Radar Equipment.
- 1270 Aircraft Gunnery Fire Control Components  
*Includes* Turrets, Aircraft; Computers, specifically designed; Complete Gyro Mechanisms.  
*Excludes* Gun Chargers; Ammunition Boxes; Gun Heaters; Field and Link Chutes; Ammunition Boosters; Gyro Components; Complete Fire Control Systems.
- 1280 Aircraft Bombing Fire Control Components  
*Includes* Computers, specifically designed; Complete Gyro Mechanisms; Optical Instru-

ments for Bombing Fire Control.  
*Excludes* Gyro Components; Optical Elements, such as Lens, Prisms, Filters.

- 1285 Fire Control Radar Equipment, except Airborne  
*Includes* Radar Sets, Assemblies, Subassemblies, and Components Specially Designed for use on or with Fire Control Equipment.
- 1287 Fire Control Sonar Equipment  
NOTE: This class includes airborne, shipborne, and submarineborne sonar sets, assemblies, subassemblies, and components designed specifically for use with underwater fire control equipment.
- 1290 Miscellaneous Fire Control Equipment  
*Includes* Fuze Setters; Ordnance Cable Systems; Aiming Circles; Flash and Sound Ranging Sets; Fire Control Components and Subassemblies Not Classifiable in other classes of group 12.

### GROUP 13 Ammunition and Explosives

NOTE: Excluded from this group are items specially designed for nuclear ordnance application.

- 1305 Ammunition, through 30 mm  
*Includes* Components.
- 1310 Ammunition, over 30 mm up to 7 mm  
*Includes* Components, except Fuzes and Primers; Chemical Warfare Cartridges.  
*Excludes* Fuzes and Primers.
- 1315 Ammunition, 75 mm through 125 mm  
*Includes* Components except Fuzes and Primers; Pyrotechnic Cartridges and Projectiles; Chemical Warfare Cartridges and Projectiles. *Excludes* Fuzes and Primers.
- 1320 Ammunition, over 125 mm  
*Includes* Components, except Fuzes and Primers; Chemical Warfare Projectiles.  
*Excludes* Fuzes and Primers.
- 1325 Bombs

*Includes* Components; Photoflash Bombs; Chemical Warfare Bombs; Bomb Clusters.

- 1330 Grenades  
*Includes* Components; Hand and Rifle Grenades; Smoke Grenades.  
*Excludes* Firing Devices (Launchers).
- 1336 Guided Missile Warheads and Explosive Components  
*Includes* Warheads Containing Military Chemical Agents; Exercise Heads, Guided Missile.  
*Excludes* Atomic Ordnance Warheads; All other Warheads for use on other than guided missiles; Liquid Propulsion Units; Rocket Engines (Liquid Propellant Units); JATO Units; Rocket Motors (Solid Propellant Units) for Guided Missiles; Solid Fuel Propulsion Units; Propellant Chemicals encased in consumable containers, such as squibs and cartridges for insertion into missile propulsion systems as integral parts.
- 1337 Guided Missile and Space Vehicle Explosive Propulsion Units, Solid Fuel; and Components  
*Includes* Rocket Motors (Solid Propellant Units) for Guided Missiles, Explosive-Loaded; All Explosive Components for Guided Missile and Space Vehicle Solid Fuel Propulsion Units; Solid Propellants encased in consumable containers, such as squibs and cartridges, intended for insertion into missile propulsion systems as integral parts.  
*Excludes* Rocket Motors (Solid Propellant Units) for Guided Missiles, Inert-Loaded or Empty; All Inert (Nonexplosive) Components for Guided Missile and Space Vehicle Solid Fuel Propulsion Units; Guided Missile Warheads and Components; Rocket Propulsion Units; Rocket Motors (Solid Propellant Units) for Rockets; Solid Propellants predetermined to specific quantity and quality, but packaged in reusable containers.
- 1338 Guided Missile and Space Vehicle Inert Propulsion Units, Solid Fuel; and Components  
*Includes* Rocket Motors (Solid Propellant

- Units) for guided Missiles, Inert-Loaded or Empty; All Inert (Nonexplosive) Components for Guided Missile and Space Vehicle Solid Fuel Propulsion Units.  
*Excludes* Rocket Motors (Solid Propellant Units) for Guided Missiles, Explosive-Loaded; Guided Missile Warheads and Components; Rocket Propulsion Units; Rocket Motors (Solid Propellant Units) for Rockets.
- 1340 Rockets, Rocket Ammunition and Rocket Components  
*Includes* Complete Rounds; Explosive Components, Including Warheads; Pyrotechnic Rockets; Solid Fuel JATO Units; Rocket Motors (Solid Propellant Units) for Rockets; Covers, Protective Rocket Warhead, Jet-tisonable Rocket Launchers; Conditioning Kits and Sets, Controlled Environment; and other peculiar components which are not classified elsewhere.  
*Excludes* Nuclear rockets, Nuclear warheads; all other warheads for use on other than rockets; and rockets with built-in guiding devices.
- 1345 Land Mines  
*Includes* Components; Antipersonnel Mines; Antitank Mines; Fuzes.
- 1350 Underwater Mine Inert Components  
*Includes* Parachute Packs; Inert Mine Cases; Booster Cans; Clock Delays; Clock Starters; Search Coils; Extenders.
- 1351 Underwater Mine Explosive Components  
*Includes* Loaded Cases; Boosters; Detonators.
- 1355 Torpedo Inert Components
- 1356 Torpedo Explosive Components  
*Includes* Warheads; Boosters; Detonators.
- 1360 Depth Charge Inert Components  
*Includes* Inert Firing Mechanisms; Pistols without Detonators; Extenders.
- 1361 Depth Charge Explosive Components  
*Includes* Cases; Boosters; Detonators.
- 1365 Military Chemical Agents  
*Includes* War Gases; Screening Smokes; Incendiary and thickening Agents; Signaling Smokes.  
*Excludes* Ammunition containing Military Chemical Agents.
- 1370 Pyrotechnics  
*Includes* Flares; Signals; Fireworks; Pistol Rocket Signals.  
*Excludes* Pyrotechnic Cartridges and Projectiles; Photoflash Bombs; Pyrotechnic Rockets.
- 1375 Demolition Materials  
*Includes* Items for construction, quarrying and demolition work such as Dynamite and other explosives packed in cylindrical paper cartridges or in bags, Demolition Charges; Blasting Caps; Blasting Time Fuses; Detonating Cord; Demolition Firing Devices; Booby Trap Mechanisms; Bangalore Torpedoes, Inert accessories and components such as Blasting Machines, Priming Adapters, and Detonating Cord Clips.  
*Excludes* Liquid Propellant Fuels and Oxidizers; Solid Propellants encased in consumable containers, for insertion into missile propulsion systems as integral parts; Guided Missile Explosive Devices; Safety-in-Flight Explosive Items and Devices such as, Impulse Cartridges, Delay Cartridges, Aircraft Ejection Seat Catapults, Aircraft Canopy Removers, and similar items, as shown in the indexes to the FSC; Solid Propellants, predetermined to specific quantity and quality, packaged in reusable containers; Nuclear Ordnance Components; Rocket and Guided Missile Motors, Warheads, and Propulsion Sections.
- 1376 Bulk Explosives  
*Includes* Solid Propellants, predetermined to specific quantity and quality, packaged in reusable containers; Explosive Loaded Devices and Components as shown in the indexes to the FSC.  
*Excludes* Liquid Propellant Fuels and Oxidizers; Solid Propellants encased in consumable containers, for insertion into missile propulsion systems as integral parts; Guided Missile Explosive Devices; Blasting and Demolition Materials; Safety-in-Flight Explosive Items and Devices such as Impulse



Cartridges, Delay Cartridges, Aircraft Ejection Seat Catapults, Aircraft Canopy Removers; Rocket and Guided Missile Motors, Warheads, and Propulsion Sections; similar items, as shown in the indexes to the FSC.

1377 Cartridge and Propellant Actuated Devices and Components

NOTE: This class includes safety-in-flight explosive items, consisting of a quantity of propellant (either encased in a cartridge or in molded form) and a means of activation, designed to be inserted into or attached to one or more devices to provide the energy required to operate devices requiring a time delay, or not requiring a time delay, in their operating sequence. Also included are devices designed to utilize energy generated by the items described above.

*Includes* Impulse Cartridges; Delay Cartridges; Engine Starter Cartridges (explosive filled); Fire Extinguisher Cartridges (used to activate by remote control); Aircraft Ejection Seat Catapults; Rocket Motors (Solid Propellant Units) for Aircraft Ejection Seats; Aircraft Canopy Removers; Thrusters, propellant and cartridge actuated; Initiators; Explosive Bolts and Explosive Bolt Cartridges; Cutters, cartridge or propellant actuated, Reefing Line; Powder actuated Tool Cartridges; Explosive Loaded Devices and Components which are not specifically classified elsewhere.

*Excludes* Liquid Propellant Fuels and Oxidizers; Solid Propellants, encased in consumable containers for insertion into missile propulsion systems as an integral part; Guided Missile Explosive Devices; Bulk and Solid Propellants, predetermined to specific quantity and quality, packaged in reusable containers; Blasting and Demolition Materials; Rocket Motors, Warheads and Propulsion Sections for Rockets and Guided Missiles.

1385 Surface Use Explosive Ordnance Disposal Tools and Equipment

NOTE: This class includes only specialized tools and equipment developed for and used by qualified Explosive Ordnance Disposal (EOD) personnel.

*Excludes* Nonspecialized or common tools and equipment not developed exclusively for

use by qualified EOD personnel; specialized demolition material; explosive loaded shaped charges.

1386 Underwater Use Explosive Ordnance Disposal and Swimmer Weapons Systems Tools and Equipment.

NOTE: This class includes only specialized tools and equipment developed for and used by qualified Explosive Ordnance Disposal (EOD) personnel, Underwater Demolition Teams (UDT), and/or Sea-Air-Land (SEAL) personnel.

*Excludes* Nonspecialized or common tools not developed exclusively for use by qualified EOD, UDT, and/or SEAL personnel; specialized demolition material; explosive loaded shaped charges.

1390 Fuzes and Primers

NOTE: This class includes only fuzes and primers for use in ammunition classified in classes 1310, 1315, and 1320.

*Excludes* Fuzes and Primers for ammunition not classified in classes 1310, 1315, and 1320.

1395 Miscellaneous Ammunition

*Includes* Ammunition Shapes, such as Blanks, Disks, Slugs, Cups, and Rotating Bands (Shell Bands).

1398 Specialized Ammunition Handling and Servicing Equipment

*Includes* Handling and servicing equipment specially designed for use on or with rockets and conventional ammunition.

*Excludes* Handling servicing equipment specially designed for use on or with rocket and pyrotechnic launchers; Ammunition maintenance and repair shop specialized equipment; Handling equipment specially designed for aircraft or airfield use.

GROUP 14  
Guided Missiles

NOTE: This group includes missiles (with or without warheads or explosive components) incorporating mechanisms capable of altering normal flight paths. Radar and infrared assemblies and components designed specifically for use with guided mis-

siles are classified in the appropriate classes of this group. Excluded from this group are case sections, nose cones, flare sections, center sections, warheads, explosive components, rockets, and auxiliary components of missiles and re-entry vehicles which are designed or constructed for exclusive use with or for housing of nuclear warheads and/or warhead sections. Also excluded are space vehicle nose cones and space capsules specifically designed to carry loads peculiar to space research and space travel.

1410 Guided Missiles

NOTE: This class includes only complete guided missiles, with or without warheads and explosive components, whether in assembled or unassembled form. End items, assemblies, parts, attachments, or accessories for use in or on guided missiles are classified in classes other than this class. *Includes* Complete Drones, initially designed as missiles, but converted to drone use.

1420 Guided Missile Components

*Includes* Structural Components; Components and Accessories Specially Designed for use on or with guided missiles, including Complete Gyro Mechanisms, Hydraulic Pumps, Automatic Pilot Mechanisms and Specially Designed Assemblies, and Electronic Guidance Equipment installed in missiles. *Excludes* Electronic Remote Guidance Equipment used to guide missiles; Solid and Liquid Propellant Units; Components of Gyro Mechanisms.

1425 Guided Missile Systems, Complete

NOTE: This class includes only complete guided missile systems. Anything less than a complete system, such as individual end items, assemblies, parts, attachments, or accessories for use in guided missile systems are classified in classes other than this class. *Excludes* Guided Missile Subsystems.

1427 Guided Missile Subsystems

NOTE: This class includes only combinations or assemblies of two or more end items, each of which is properly classified in other classes of this group, identified as single items of supply. Excluded from this class are individual end items, assemblies, subassemblies, attachments, accessories or parts

classified in other classes of this group, not combined as single items of supply.

*Excludes* Complete Guided Missile Systems.

1430 Guided Missile Remote Control Systems

NOTE: This class includes airborne and nonairborne guided missile remote control systems, components, and accessories, designed specifically for use therewith. Excluded from this class are fire control assemblies, subassemblies, and components modified for use with guided missile remote control systems, and fire control assemblies designed specifically for shipboard use. *Includes* Specially Designed Components of Guided Missile Remote Control Systems. *Excludes* Guided Missile Internal (Built-in) Control Systems; Components used in both guided missiles and other than guided missiles (including fire control components).

1440 Launchers, Guided Missile

*Includes* Airborne and Nonairborne Guided Missile Launchers. *Excludes* Aircraft Launchers; Rocket Launchers.

1450 Guided Missile Handling and Servicing Equipment

*Includes* Specially Designed Trucks and Trailers for use in transporting guided missiles; Specially Designed Slings, Hoists, Jacks, and Blowers; Self-propelled Vehicles and Trailers, Specially Designed for Guided Missile Handling or Servicing; Covers, guided missile; Conditioning Kits and Sets, Controlled Environment. *Excludes* Guided Missile Launchers; Aircraft Handling and Servicing Equipment.

## GROUP 15

### Aircraft and Airframe Structural Components

1510 Aircraft, Fixed Wing

NOTE: This class includes only complete aircraft. End items, assemblies, parts, attachments, or accessories for use in or on fixed wing aircraft are classified in classes other than this class.

1520 Aircraft, Rotary Wing

NOTE: This class includes only complete aircraft. End items, assemblies, parts, attachments, or accessories for use in or on rotary wing aircraft are classified in classes other than this class.

*Includes* Helicopters.

1540 Gliders

NOTE: This class includes only complete gliders. End items, assemblies, parts, attachments, or accessories for use in or on gliders are classified in classes other than this class. *Includes* Motorized Gliders.

1550 Drones

NOTE: This class includes only complete drones. End items, assemblies, parts, attachments, or accessories for use in or on drones are classified in classes other than this class. *Includes* Drones specifically designed for such uses as targets, training, surveillance, missile evaluation, and photographic reconnaissance. *Excludes* Piloted aircraft and guided missiles converted to drone use.

1560 Airframe Structural Components

NOTE: This class includes fabricated system parts that are permanently attached or peculiar to the integral airframe of an aircraft, such as support structural components, spars, ribs, ailerons, stabilizers, bulkheads. *Includes* Flight Control Surfaces, internal and external Auxiliary Fuel Tanks; Exhaust Systems, Pylons, Trim Tabs; Aircraft. *Excludes* Fitted Covers; Helicopter Rotor Brake System and Components; Aircraft Loose Equipment and Alternate Mission Configuration Equipment stored on board the Aircraft.

**GROUP 16**

**Aircraft Components and Accessories**

1610 Aircraft Propellers

*Includes* Propeller Governors; Propeller Spinners; Propeller Synchronizers; Propeller Hubs; Propeller Blades and Cuffs; Propeller Power Units; Propeller Integral Oil Control.

1615 Helicopter Rotor Blades, Drive Mechanisms

and Components

NOTE: This class includes miscellaneous component parts specifically designed for, and used exclusively in, helicopter drive mechanisms and rotor blades when not specifically classified elsewhere in the FSC indexes.

*Includes* Helicopter dynamic components and specially designed parts that transmit power from the aircraft power plant to the rotary wing and rotary rudder. Also included in this class are Rotors; Blades; Rotor Blade, Trim, Tabs; Blade Sets; Yokes; Clutches and Transmissions.

*Excludes* Propellers; Rotor Brake System Components; Rotor Blade Hydraulic Folding System Components; Hydraulic Servo System Components.

1620 Aircraft Landing Gear Components

*Includes* Shock Struts and Components; Installation Elements, such as Torsion Bars, Vibration Links, Drag Struts; Landing Gear Trunnions, Axles and Shimmy Dampeners; Specially designed hydraulic power steering system components.

*Excludes* Mounting Braces and Mounting Plates permanently installed on aircraft; Landing Wheels, Skis, and Floats; Wheel Brakes and Wheel Brake Cylinders.

1630 Aircraft Wheel and Brake Systems

*Includes* Skis; Floats; Tracks; Landing Wheel Skid Detectors; Valves specifically designed for use with hydraulic or pneumatic wheel and brake systems; Helicopter Rotor Brake System Components. *Excludes* Landing Gear Axles.

1650 Aircraft Hydraulic, Vacuum and De-icing System Components

NOTE: This class includes only those components specifically designed for aircraft use. *Includes* Hydraulic and Pneumatic Accumulators, Pumps, Motors, Actuating Cylinders, and Filters; De-icing Boots; Fluid Type De-icing Pumps, Valves and Filters; Vacuum System Oil Separators; Pneumatic Pressurization Equipment other than that for pressurizing cabins and compartments. *Excludes* Jet Engine Hydraulic Components; Valves specifically designed for air condi-

tioning, heating, ventilating, cabin pressurizing, and thermal de-icing; Valves specifically designed for use with Aircraft Engines, Guided Missiles, and Guided Missile Engines; Landing Gear, Wheel and Brake System Components; Oxygen Breathing System Components; Inflight Refueling System Hydraulic components; Specially designed hydraulic power steering system components.

1660 Aircraft Air Conditioning, Heating, and Pressurizing Equipment

NOTE: This class includes components specifically designed for use in aircraft air conditioning, heating, and pressurizing equipment. Also included are specially designed components of oxygen breathing systems used in aircraft.

*Includes* Cabin Supercharging Equipment; Canisters; Cylinders; Masks; Breathing Tubes; Fixed Oxygen Systems; Specially Designed Aircraft Valves; Cabin Pressure Regulators; Heat Exchangers; Air Expansion Turbines; Aircraft Heaters; Ventilating System Components; Thermal De-icing Equipment; Cabin and Compartment Pressurizing Equipment; Air Diffusers, Cabin Pressure Selectors; Liquid Oxygen Converters.

*Excludes* Oxygen Pressure Signals and Warning Devices; Ducts and Tubing; Ground Type Heaters and Coolers; Pressurizing Equipment other than that used for Cabin and Compartment Pressurization; Fluid De-icing Equipment; Valves specifically designed for use with Aircraft Engines, Guided Missiles, and Guided Missile Engines.

1670 Parachutes; Aerial Pick Up, Delivery, Recovery Systems; Cargo Tie Down Equipment

NOTE: Includes specifically designed items, sets, and systems for air-to-air, air-to-surface, and surface-to-air delivery, pick up, and recovery operations, unless parts, attachments, assemblies, for use in or on such systems (i.e., space vehicle aerial recovery systems) are specifically indexed to other classes of the FSC (i.e., transmitting radio buoys and direction finding subsystem components).

*Excludes* Fitting Assemblies built into the

aircraft structure.

1680 Miscellaneous Aircraft Accessories and Components

*Includes* Control Assemblies, Push-Pull; Brace, Positioning Cargo Ramp Stowed on Board; Cockpit Mounted Control Quadrants; Actuators, Electro-mechanical and Mechanical; Ventilators; Relief Tubes; Map Holders; Aerial Glider Towing Accessories Attached to Aircraft; Belts, Safety and Lap; Harness, Shoulder and Safety; Litter Attaching Supports; Electric Windshield Wipers; Aircraft Onboard Inert Gas Generators; Aircraft Furniture; Aircraft Mounted Winches and Hoists; In-Flight Refueling System Components and Hoists; In-Flight Refueling System Components, Including Fuel Components; Aircrafts Curtains; Cable Tension Regulators; Sun Visors; Rear-View Mirrors; Mechanical Transmissions, Gearboxes and Constant Speed Drives Specially Designed for Aircraft.

*Excludes* Engine Mounted Control Assemblies; Fitted Covers; Aircraft Pylons, Helicopter Rotor Brake System Components; Helicopter Automatic Stabilization Equipment.

GROUP 17

Aircraft Launching, Landing, and Ground Handling Equipment

NOTE: Excluded from this group are trucks, trailers, and servicing equipment specially designed for guided missile or atomic ordnance use.

1710 Aircraft Landing Equipment

*Includes* Aircraft Arresting Barriers.

*Excludes* Aircraft Runway Marker Lights (see FSC Class 6220).

1720 Aircraft Launching Equipment

*Includes* Catapults.

*Excludes* Guided Missile Launchers (FSC Class 1440) and Space Vehicle Launchers (FSC Class 1840).

1730 Aircraft Ground Servicing Equipment

NOTE: This class excludes "vehicular components" such as those listed under

FSCs 2520, 2530, 2540, 2590.

*Includes* Energizers; Engine Preheaters; Mooring Assemblies; Wheel Chocks; Beaching Equipment; Aileron, Elevator, and Rudder Locks; Passenger Loading Ramps; Maintenance Platforms; Aircraft Maintenance and Boarding Ladders; Aircraft Maintenance Slings and Hoists; Aircraft Fin Tilting Jacks; Airfield Specialized Lift Trucks and Trailers; Fitted Covers for Airframe Components; Aircraft Engine Covers.

*Excludes* Airfield Specialized Trucks and Trailers designed primarily for transporting aircraft assemblies; Maintenance Stands designed for support of aircraft assemblies during repair or overhaul; Test Stands; General Purpose Jacks, Slings and Hoists; Trailers, Liquid Oxygen, Aircraft Servicing.

1740 Airfield Specialized Trucks and Trailers

NOTE: This class excludes "vehicular components" such as those listed under FSCs 2520, 2530, 2540, 2590.

*Includes* Airfield Specialized Trucks and Trailers designed primarily for transporting aircraft assemblies; Trailers: Afterburner, Engine, Propeller, Fuselage, and Wing; Trucks, Aircraft Fuselage and Aircraft Wing; Skids, Engine transport; Stands, Engine Transport; Bomb Trailers, Airfield; Trucks, Crashed Aircraft Removing.

*Excludes* Airfield Specialized Lift Trucks and Trailers; Highway Type Trucks and Trailers; Cargo Loading and Unloading Trailers and Trucks.

**GROUP 18**  
**Space Vehicles**

NOTE: This group includes space vehicles, such as space capsules, manmade moons, orbitals, satellites, space platforms, and the like, manned or unmanned. Excluded from this group are guided missiles and rockets.

1810 Space Vehicles

NOTE: This class includes only complete space vehicles, whether in assembled or unassembled form.

1820 Space Vehicle Components

*Includes* Structural Components; Components and Accessories specially designed for installation in or on Space Vehicles; Internal (built-in) Control Systems.

*Excludes* Remote Guidance Equipment.

1830 Space Vehicle Remote Control Systems

*Includes* Specially designed Components of Space Vehicle Remote Control Systems.

*Excludes* Internal (built-in) Control Systems; Components designed for use with both Guided Missile and Space Vehicle Systems.

1840 Space Vehicle Launchers

*Includes* Launchers specifically designed for Space Vehicles.

*Excludes* Launchers used with both Guided Missile and Space Vehicles.

1850 Space Vehicle Handling and Servicing Equipment

NOTE: This class does not include space vehicle aerial recovery systems which are classified in class 1670.

*Includes* Specially designed Trucks and Trailers for use in transporting Space Vehicles; Specially designed Slings, Hoists, Jacks, and Blowers, Self-propelled Vehicles, specially designed for space vehicle handling or servicing; Covers, space vehicle.

*Excludes* Equipment used in handling or servicing both Guided Missiles and Space Vehicles.

1860 Space Survival Equipment

*Includes* Food and Water Production Equipment; Air Production Equipment; Shelter Equipment; Power Generation and Conversion Equipment.

*Excludes* Items which are integral components of Space Vehicles.

**GROUP 19**  
**Ships, Small Craft, Pontoons, and Floating Docks**

NOTE: Only complete ships, small craft, floating docks, floating drydocks, and dredges (with or without hull) are classified in this group. End items, assemblies, parts, attachments, or accessories for use

in or on the above are classified in group 20—Ship and Marine Equipment, unless other classes (outside of group 19) are applicable.

- 1905 Combat Ships and Landing Vessels  
*Includes* Aircraft Carriers; Battleships; Cruises; Destroyers; Submarines; Frigates and Corvettes; Gunboats; Motor Torpedo Boats; Subchasers; Landing Barges; Minelaying and Mine Sweeping Craft.
- 1910 Transport Vessels, Passenger and Troop
- 1915 Cargo and Tanker Vessels
- 1920 Fishing Vessels
- 1925 Special Service Vessels  
*Includes* Tugs; Towboats; Fire Boats; Ice Breakers; Repair Ships; Tender Vessels (Buoy, Lighthouse, Destroyer); Lightships; Cable Ships; Salvage and Submarine Rescue Vessels.  
*Excludes* Combat Vessels; Dredges.
- 1930 Barges and Lighters, Cargo  
*Includes* Aircraft Lighters, Car Floats, and other Transportation Barges, Depot Barges; Scows.
- 1935 Barges and Lighters, Special Purpose  
*Includes* Derrick, Piledriver, and Rock Cutter Barges; Barrage Balloon, Catapult Lighter, and Torpedo Testing Barges; Concrete Mixing Plant, Mechanical Bank Grader, and other Bank Revetment Barges; Fire, Smudge Removal, and other Pump Barges; Houseboats, except Yacht Type; Power Plant Barges; Refrigeration Barges; Barge Mounted Cranes, Flexible Towed Barges.  
*Excludes* Combat Landing Barges.
- 1940 Small Craft  
*Includes* Powered and Unpowered Small Craft; Lifesaving Boats; Airplane Crash Boats; Reconnaissance Boats; Yachts; Pneumatic Boats.  
*Excludes* Fishing Craft; Life Rafts, including Pneumatic; Bridge Floats and pontoons.
- 1945 pontoons and Floating Docks  
*Includes* Camels; Pontoon Stanchions; Pontoon Ramps.

*Excludes* Floating Drydocks; Bridge Floats and pontoons; Pontoon Hardware (Jewelry).

- 1950 Floating Drydocks
- 1955 Dredges  
*Includes* Dredges, without Hull; Ocean-Going Dredges; Floating Dredges.
- 1990 Miscellaneous Vessels  
*Includes* Commercial Sailing Vessels.

**GROUP 20**  
**Ship and Marine Equipment**

- 2010 Ship and Boat Propulsion Components  
*Includes* Propulsion Shafts; Ship Propellers; Marine Transmissions, Reverse and Reduction Gear Type.  
*Excludes* Engines; Turbines.
- 2020 Rigging and Rigging Gear  
*Includes* Masts; Kingposts; Sail Booms; Shipborne Booms not attached to Cranes and Derricks.  
*Excludes* Tackle Blocks.
- 2030 Deck Machinery  
*Includes* Steering Gears and Controls; Boat Davits.
- 2040 Marine Hardware and Hull Items  
*Includes* Anchors; Grapnels; Sea Anchors; Watertight Doors; Ship Ventilators; Hatches; Manholes; Scuttles; Air Ports; Fenders; Sea Chests; Scuppers; Rudders; Stern Tubes; Chain Pipes; Hawse Pipes; Boiler Uptakes and Stacks; Chocks; Mast and Boom Fittings; Oars; Paddles; Oarlocks.
- 2050 Buoys
- 2060 Commercial Fishing Equipment  
*Excludes* Fishing Vessels.
- 2090 Miscellaneous Ship and Marine Equipment  
*Includes* Sails; Chain Ladders; Rope Ladders, Marine Furniture.

**Groups 22**  
**Railway Equipment**

2210 Locomotives

NOTE: This class includes only complete locomotives and tenders. End items, assemblies, parts, attachments, or accessories for use in or on locomotives and tenders are classified in classes other than this class.

*Excludes* Self-Propelled Cars.

2220 Rail Cars

NOTE: This class includes only complete rail cars. End items, assemblies, parts, attachments, or accessories for use in or on rail cars are classified in classes other than this class.

*Includes* Trailed Cars; Self-Propelled Cars.

*Excludes* Aerial Tramway Cars.

2230 Right-of-Way Construction and Maintenance Equipment, Railroad

*Includes* Rail Laying, Joining, and Shifting Equipment; Self Propelled and Car Mounted Cranes.

*Excludes* Hand Tools.

2240 Locomotive and Rail Car Accessories and Components

*Includes* Brake Beams and Components; Couplers; Trucks and Components; Journals and Components; Wheel Sets and Components.

*Excludes* Railroad Furniture.

2250 Track Materials, Railroad

*Includes* Railroad Rails; Railroad Tie Plates; Railroad Turnouts and Components; Railroad Spikes.

*Excludes* Ballast; Railroad Ties.

**GROUP 23**  
**Ground Effect Vehicles, Motor Vehicles,  
Trailers, and Cycles**

2305 Ground Effect Vehicles

2310 Passenger Motor Vehicles

NOTE: This class includes only complete passenger motor vehicles, and chassis therefor. Any end items, assemblies, parts, attachments, or accessories, other than complete chassis, for use in or on passenger mo-

tor vehicles are classified in classes other than this class.

*Includes* Cars, Motor, Highway; Buses; Chassis, Passenger Motor Vehicle; Hearses; Ambulances.

*Excludes* Amphibious Personnel Carriers; All Truck Chassis.

2320 Trucks and Truck Tractors, Wheeled

NOTE: This class includes only complete wheel mounted trucks and truck tractors, and chassis therefor. Any end items, assemblies, parts, attachments, or accessories other than complete chassis, for use in or on such trucks or truck tractors are classified in classes other than this class. The combined chassis and body of a special purpose truck, such as a machine shop, mobile laundry, or dental laboratory, is classified in this class. The complete mobile unit, consisting of chassis, body, and additional equipment, as in an equipped truck mounted machine shop, is excluded from this class.

*Includes* Panel, Delivery and Pick Up Trucks, Tactical and Administrative Military Cargo Carrying Vehicles, including Wheel Mounted Amphibian Vehicles; Truck Tractor and Trailer Combinations; Armored Cars.

*Excludes* Fire Trucks; Special Construction Type Earth and Rock Hauling Trucks; Motorized Air Compressors; Motorized Concrete Mixers; Construction Specialized Machinery Generally; Specially designed trucks for use in and around airfields, hangars, and warehouses; Tracked and Halftracked Vehicles.

2330 Trailers

NOTE: This class includes only complete trailers, and chassis therefor. Any end items, assemblies, parts, attachments, or accessories, other than complete chassis, for use in or on trailers are classified in classes other than this class. The combined chassis and body of a special purpose trailer, such as a machine shop, mobile laundry, or dental laboratory, is classified in this class. The complete mobile unit, consisting of chassis, body, and additional equipment, as in an equipped trailer-mounted machine shop, is excluded from this class.