

APPENDIX D

ALLOWANCE EQUIPAGE LIST PREPARATION AND PROCESSING

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6-D.0 INTRODUCTION

This appendix provides specific instructions for the preparation and processing of Allowance Equipage Lists (AELs). It implements the policies and supplements the responsibilities set forth in the Allowance Chapter of this manual. It defines AELs, identifies AEL categories, and provides procedures to be followed in the preparation of an AEL. It provides guidance on the preparation and use of AELs and finally, it describes the method of establishing requirements for unique systems and the method used to extract the data required to prepare AELs for portable electronic test equipment.

6-D.1 AEL DEFINITION

AELs establish allowances for items that are required to perform a specific operational function; are needed for the performance of maintenance actions; and are needed for the safety and protection of personnel. Materials that are identified and provided through AELs are generally identified as Operating Space Items (OSI) in the ship's Coordinated Shipboard Allowance List (COSAL) and are loaded into specific shipboard within the custody of the operating department responsible for the space.

Part I. The COSAL Summary of Allowance Parts/Equipage lists identifies the AELs that apply to the ship, while Part II Section C of the COSAL contains the full associated AELs. Part III Section B of the COSAL provides a Stock Number Sequence List (SNSL) of the OSI authorized to be on the associated ship. AELs include technical and logistic information related to specific equipage categories.

All AELs fall into one of the following categories:

- 0 - Ordnance Related Equipage and OSI
- 1 - Shipboard Spaces and System/Equipment Oriented Equipage and OSI
- 2 - Miscellaneous Shipboard Equipage and Support Material
- 3 - Hull Unique Portable Commercial-off-the-Shelf/Non-Developmental Items (COTS/NDIs) and HAZMAT.
- 4 - Flag Allowance
- 5 - Strategic Systems Program (SSP) Equipage and OSI
- 6 - Special Propulsion Plant Equipage and OSI
- 7 - Portable Electronic Test Equipment
- 8 - TRIDENT Submarine Unique
- 9 - Nuclear Weapons

Most of the above categories are self-explanatory based on their nomenclature. However, the following paragraphs serve to provide a brief explanation of those less self-explanatory. A Flag allowance shall be included in the COSAL for ships that are designated to carry Flag Officers and their staffs on board as part of their mission. Special allowance for Flags may be authorized for any ship in the Fleet when it is designated to carry a Flag or associated Staff. AELs for Flags and Staffs have a **4-00000** designation and are to provide extra equipage and OSI for general housekeeping, offices, navigation, and personnel oriented support.

Fleet Ballistic Missile (FBM) program equipage is identified on **5-00000** AELs.

Nuclear Reactor Plant Equipage is identified on **6-00000** AELs. Ships that have this type of propulsion will have a special COSAL segment for Reactor Plants and will have equipage and OSI that is identified by **6-00000** AELs.

The Weapon Systems File (WSF) creates **7-00000** AELs for portable Electronics Test Equipment.

AEL numbers in the **8-00000 series** are reserved for the use of the TRIDENT Submarines.

AEL numbers in the **9-00000 series** are reserved for Nuclear Weapons Equipage.

The items in Attachment 1 to this appendix are considered to be Non-AEL Worthy. Attachment 2 to this appendix identifies items that are included in the COSAL for Information only and are included in AELs.

If there are any questions regarding the assignment of AEL numbers, contact Naval Sea Systems Command (NAVSEA 04L) or Naval Sea Logistics Center (NAVSEALOGCEN 05314) for resolution.

6-D.2 AEL PREPARATION

Preparation of AELs is a complex task requiring the review of ship design plans and specifications to determine the equipage and OSI required for the operation and safety of the ship and the personnel assigned to it. The Plans, Specifications, and Technical Manuals provide the information needed to determine equipage and OSI for system or equipment related AELs. AELs shall be prepared via the Interactive Computer Aided Provisioning System (ICAPS) as outlined in the provisioning

chapter or on NAVSEA Form 4441/1 format as follows (the upper case print denotes the block on the form; a copy of NAVSEA Form 4441/1 is provided as Figure D-1):

a. EQUIPAGE NOMENCLATURE/CHARACTERISTICS - Enter the noun name of the equipage category. (Limited to 48 characters.)

b. TECHNICAL DOCUMENT NUMBER -

- MANUAL - Enter technical manual identification if applicable
- DRAWING - Enter the applicable drawing and piece number. If the equipage is ship related, enter the appropriate ship plan and specification.

c. IDENTIFICATION NUMBER - Develop and enter the AEL number as follows:

- Electronic, Gunfire Control System (GFCS) and Ordnance Program Support Equipment AELs:

These Identification Numbers are computer assigned by NAVSUP WSS during the provisioning process.

- Hull, Mechanical and Electrical (HM&E) Equipment and Trident Submarine AELs:

Positions 1 through 7 shall be filled with one of the category codes listed below:

1-16xxx	Bow & Stern Gate Rigging
1-20xxx	Tools & Equipments, Capstans & Windlasses
1-21xxx	Misc. Packing & Gaskets, Hoses & Fittings
1-22xxx	Tools & Equipments, Steering & Diving Systems
1-23xxx	Nitrogen Systems
1-24xxx	Periscope Housing Fittings
1-34xxx	Galley Equipment
1-36xxx	General Purpose Garbage Disposal & Waste Water Systems
1-37xxx	Propane Gas & Cylinders
1-38xxx	Air Purifying & Ventilation Systems
1-41xxx	Misc. Tools & Equip. Propulsion & Diesel Engine
1-44xxx	Misc. Lifting & Handling Shafts & Seals
1-48xxx	Misc. Tools & Equip., Hoses & Fittings, Piping Systems
1-59xxx	Misc. Tools & Equip., Hoses & Fittings, Piping Systems
1-62xxx	Misc. Electrical Connectors & Batteries

1-65xxx	Audible Signaling Devices
1-67xxx	Misc. Sonar System Handling Equipment
1-78xxx	Ammunition Handling & Securing Tiedowns
1-87xxx	Thermometers & Gages
1-91xxx	Hand Tools & Equipments, Various Shops
2-1200x	Life Rings, Buoys & Accessories
2-1500x	Misc. Refueling Equipment
2-1600x	Ladders, Brows, Staging, Scaffolding & Boatswains Chairs
2-1800x	Riggings & Anti-Corrosion Covers
2-2000x	Replenishment At Sea Handling & Rigging
2-2100x	Hydraulic Fluid Filter Units
2-2200x	Emergency Steering Gear
2-2300x	Refrigerant Gas Cylinders
2-2400x	Navigational Equipment & Accessories
2-2500x	Towing Gear & Hawsers
2-2600x	Anchoring, Mooring & Towing Equipment
2-2700x	Cargo Handling, Lashings & Tiedowns
2-3200x	Office & Chaplains Equipment
2-33001	Life Preservers & Accessories
2-33002	Air Purification, Submarine Escape & Rescue Equipment
2-33007	Protective Clothing & Helmets
2-35000	Laundry Equipment & Accessories
2-37xxx	Medical & Dental Equipment
2-3800x	Air Handling & Dehumidification Equipment & Accessories
2-4100x	Tools & Equipment, Lifting & Handling Gear, Propulsion Equipment
2-4300x	Tools & Equipment, Lifting & Handling Gear, Main Shaft
2-4700x	Portable Pumps
2-4800x	Hoses & Fittings, Misc.
2-5100x	Tools & Equipments, Misc. Boiler Applications
2-5500x	Fueling At Sea (FAS) Tools & Testing/Measuring Equipment
2-5600x	Boiler/Feed Water Testing Equipments & Compounds
2-5900x	Tools & Equipment, Refrigeration and Air Conditioning
2-6200x	Tools & Equipment, Electrical Cables and Shore Power
2-6400x	Portable Lighting
2-6500x	Portable Non-Electronic Communications Equipment
2-6600x	Portable Signaling Lights
2-6700x	Tools & Equipments, Electrical and Electronic Repair
2-7000x	Flags and Pennants

2-7500x	Torpedo & Mine Handling Equipment
2-7700x	Chemical, Biological & Radiological (CBR) Tools & Test Equipments, Respirators & Protective Clothing
2-81xxx	Minesweeping Gear
2-82xxx	Small Boats & Crafts, Life Boats & Rafts, Equipage & Accessories
2-83xxx	Aircraft Handling Tools & Equipments
2-85xxx	Photographic Equipment & Supplies
2-87xxx	Instruments, Testing, Measuring, Indicating
2-88xxx	Damage Control Equipment
2-92xxx	Misc. Tools & Equipments, Jacks & Hoists, Welding Gasses & Equipments
2-93xxx	Fire Fighting Hoses, Nozzles, Fittings, Protective Clothing and Breathing Apparatuses.
2-94xxx	Rescue and Salvage Tools & Equipment
2-95xxx	Diving Equipment
2-99xxx	Misc. Tools & Equipment, Spec Warfare, SEAL teams, Coast Guard
3-NDIxx	Portable COTS/NDI items
3-HZxxx	Haz-Mat Consumables.
4-xxxxx	Flag Officers' (and their staffs') allowances
8-xxxxx	Trident Submarine

Positions 8 through 11 reflect a numeric serial number.

- d. DATE - Enter the calendar date the AEL is prepared.
- e. PAGE - Number pages consecutively
- f. CHARACTERISTICS - Enter the characteristics of equipage.
- g. SERVICE APPLICATION CODE - Enter a Service Application Code (SAC) constructed from the following:
 - Service Application - Enter the description of the service application followed by the SAC obtained from current Navy directives.
 - Column - Enter the column to be used.
 - Responsibility - Enter code identifying responsibility for procurement of equipage and OSI listed on the AEL.
- h. INDIVIDUAL ITEM IDENTIFICATION - Enter the following data for each item of equipage or OSI:
 - Reference Number - drawing and piece number or valid manufacturer's part number

- Item Name
- National Stock Number (NSN) (if available)
- Commercial and Government Entity (CAGE)
- Unit of Issue
- Quantity required - application by column

ALLOWANCE EQUIPAGE LIST (AEL)

EQUIPAGE NOMENCLATURE/CHARACTERISTICS				MANUAL		IDENTIFICATION NO.		DATE		PAGE													
CHEMICALS AND EQUIP BOWR/PDWTR TEST AND TREATMENT				TECHNICAL DOCUMENT NUMBER		PLAN		2-560004103		03-15-92		1											
CHARACTERISTICS				ITEM NAME		STOCK NO.		ON BOARD ALLOWANCE TABLE															
CHEMICALS AND EQUIPMENT BASED ON THE NUMBER OF BOILERS PER SHIP				QUANTITIES LISTED AMOUNT TO A SIX MONTHS SUPPLY		QUANTITIES LISTED AMOUNT TO A SIX MONTHS SUPPLY		COL 1		COL 2		COL 3		COL 4		COL 5		COL 6		COL 7		COL 8	
QUANTITIES IN COLUMN 2 FOR 2 BOILERS				QUANTITIES IN COLUMN 3 FOR 3 BOILERS		QUANTITIES IN COLUMN 4 FOR 4 BOILERS		QUANTITIES IN COLUMN 5 FOR 5 BOILERS		QUANTITIES IN COLUMN 6 FOR 6 BOILERS		QUANTITIES IN COLUMN 7 FOR 7 BOILERS		QUANTITIES IN COLUMN 8 FOR 8 BOILERS		QUANTITIES IN COLUMN 9 FOR 9 BOILERS		QUANTITIES IN COLUMN 10 FOR 10 BOILERS		QUANTITIES IN COLUMN 11 FOR 11 BOILERS		QUANTITIES IN COLUMN 12 FOR 12 BOILERS	
QUANTITIES LISTED AMOUNT TO A SIX MONTHS SUPPLY				QUANTITIES LISTED AMOUNT TO A SIX MONTHS SUPPLY		QUANTITIES LISTED AMOUNT TO A SIX MONTHS SUPPLY		QUANTITIES LISTED AMOUNT TO A SIX MONTHS SUPPLY		QUANTITIES LISTED AMOUNT TO A SIX MONTHS SUPPLY		QUANTITIES LISTED AMOUNT TO A SIX MONTHS SUPPLY		QUANTITIES LISTED AMOUNT TO A SIX MONTHS SUPPLY		QUANTITIES LISTED AMOUNT TO A SIX MONTHS SUPPLY		QUANTITIES LISTED AMOUNT TO A SIX MONTHS SUPPLY		QUANTITIES LISTED AMOUNT TO A SIX MONTHS SUPPLY		QUANTITIES LISTED AMOUNT TO A SIX MONTHS SUPPLY	
OAA/Q-FEEDWATER SYSTEM-TESTING EQUIPMENT				OAA/Q-FEEDWATER SYSTEM-TESTING EQUIPMENT		OAA/Q-FEEDWATER SYSTEM-TESTING EQUIPMENT		OAA/Q-FEEDWATER SYSTEM-TESTING EQUIPMENT		OAA/Q-FEEDWATER SYSTEM-TESTING EQUIPMENT		OAA/Q-FEEDWATER SYSTEM-TESTING EQUIPMENT		OAA/Q-FEEDWATER SYSTEM-TESTING EQUIPMENT		OAA/Q-FEEDWATER SYSTEM-TESTING EQUIPMENT		OAA/Q-FEEDWATER SYSTEM-TESTING EQUIPMENT		OAA/Q-FEEDWATER SYSTEM-TESTING EQUIPMENT		OAA/Q-FEEDWATER SYSTEM-TESTING EQUIPMENT	
ZZA605				APRON-LABORATORY		9Q 8415-00-634-5023		UPAOZZ		1		EA		1		2		2					
MILB26701				BOTTLE POLY 1 QT		9G 8D25-00-810-6085		UPAOZZ		1		EA		1		12		18		24		48	
92372				CANISTER-GAS MASK-ROCKE		9G 4240-00-764-6301		UPAOZZ		1		EA		1		1		2		2		4	
MILW15000 CLASS F				CHLORIDE INDICATOR CL		1H 6810-00-753-4907		UPCOZZ		1		BT		1		2		3		4		8	
D-62				DIMETHYLGLYOXIME, AC		9G 6810-01-082-5414		UPAOZZ		1		BT		1		1		2		2		4	
GGG-G-521				GOOGLES, INDUSTRIAL		9G 4240-00-190-6432		UPAOZZ		1		PR		1		2		3		4		8	
292				HARDNESS TITRATING		1H 6810-01-072-1978		UPCOZZ		1		GL		1		1		2		2		4	
MILR2419				ION EXCHANGE COMPOU		1H 6810-01-029-4217		UPAOZG		1		CF		1		6		9		12		24	
2240-0050				JERRICAN-5GAL PLASTIC		9L 6640-01-083-9756		UPAOZZ		1		EA		1		2		3		4		8	
93497				MASK-GAS ROCKET PROPELL		9F 4240-00-902-5516		UPAOZZ		1		EA		1		1		2		2		4	
MILW15000 CLASS B				MERCURIC NITRATE-0.5N CL		1H 6810-00-281-4163		UPCOZZ		1		BT		1		3		5		6		12	
MILW15000 CLASS E				METHYL RED-ACID BLUE		9G 6810-00-142-9290		UPAOZZ		1		BT		1		1		2		2		4	
OM0575 CLASS 3				MORPHOLINE, TECHNICA		9G 6810-00-419-4298		UPAOZZ		1		CN		1		4		6		8		30	
MILW15000 CLASS A				NITRIC ACID 10N		1H 6810-00-270-9978		UPAOZZ		1		QT		1		2		4		4		8	
BBN411				NITROGEN-TECH		9G 6830-00-244-2741		UPAOZZ		1		CF		1		12		18		24		48	
P79				PHENOLPHTHALEIN, ACS		9G 6810-00-223-7612		UPAOZZ		1		OZ		1		1		2		2		4	
291				POWDER, HARDNESS BUF		1H 6810-01-072-1977		UPCOZZ		1		BT		1		1		2		2		4	
290				POWDER, HARDNESS IND		1H 6810-01-072-1979		UPCOZZ		1		BT		1		1		2		2		4	
8268-MII				SCOOP, PLASTIC, 2 IN BOWL		9Q 7330-01-079-0694		UPAOZZ		1		EA		1		2		3		4		8	
REFERENCE NO./DESCRIPTIVE DATA				ITEM NAME		STOCK NO.		SS S W R E C U S S O N O T T O C H R O N I T Y C L E		C U S S O N O T T O C H R O N I T Y C L E		U I Q T Y		2-560004103		03-15-92		1		PAGE			
CG 68				H 309		H 309		ALLOWANCE EQUIPAGE LIST (AEL)		ALLOWANCE EQUIPAGE LIST (AEL)		ALLOWANCE EQUIPAGE LIST (AEL)		ALLOWANCE EQUIPAGE LIST (AEL)		ALLOWANCE EQUIPAGE LIST (AEL)		ALLOWANCE EQUIPAGE LIST (AEL)		ALLOWANCE EQUIPAGE LIST (AEL)		ALLOWANCE EQUIPAGE LIST (AEL)	
SHIP TYPE & HULL NO.				PAGE		PAGE		IDENTIFICATION NO.		IDENTIFICATION NO.		IDENTIFICATION NO.		IDENTIFICATION NO.		IDENTIFICATION NO.		IDENTIFICATION NO.		IDENTIFICATION NO.		IDENTIFICATION NO.	

Figure D-1
NAVSEA Form 4441/1

6-D.3 POLICY

The following policy shall apply to the development of AELs:

- a. There shall be an accurate and complete AEL developed for each Ship, Ship Class, as well as systems and equipment, that require equipage or OSI for operation, maintenance, or testing.
- b. AELs shall be developed while a ship is under construction and maintained for the life cycle of the ship. AELs shall be reviewed for updating and change whenever a ship undergoes a conversion, overhaul, or availability.
- c. System and equipment related AELs shall be prepared when the system or equipment is under acquisition. System and equipment related AELs shall be maintained and updated whenever the system or equipment receives an alteration based on an approved design change.
- d. A Baseline AEL conference will be held in accordance with the Joint Instruction NAVSEA 4441.7B/NAVSUP 4441.29, Supply Readiness Objective and Milestones.

6-D.4 SCOPE

- a. The following categories of equipage require allowance change approval action by the cognizant In-Service Engineering Agents (ISEAs). Only the ISEA is authorized to adjust the ship's initial fitting-out allowance of equipage material in the categories listed below. Requests for changes to AELs in the categories listed below must be routed to the cognizant ISEA (or designated representative) for review and approval. (See the Allowance Update and Maintenance Chapter for processing of Allowance Change Requests.)

<u>AEL CATEGORY</u>	<u>EQUIPAGE</u>
0-xxxxx	Ordnance Equipage
2-12001	Life Buoys, Rings, & Accessories
2-15xxx	Misc., Refueling Equipment
2-24xxx	Navigation
2-33001	Life Preservers and Accessories
2-33002	Air Purification, Submarine Escape and Rescue Equipment
2-37xxx	Medical Equipment
2-51xxx	Misc. Boiler Applications

<u>AEL CATEGORY</u>	<u>EQUIPAGE</u>
2-55xxx	Fueling at Sea, Misc. Fuel Test and Measuring Equipment
2-56xxx	Boiler Feed Water Test Equipment
2-70xxx	Flags and Pennants
2-75xxx	Torpedo and Mine Handling Equipment
2-77xxx	Chemical, Biological, and Radiological Equipment, Test Kits, and Respirators
2-81xxx	Minesweeping Gear
2-82xxx	Small Boats & Crafts, Equipage
2-87xxx	Instruments, Testing, Measuring, Indicating
2-88xxx	Damage Control Equipment
2-93xxx	Fire Fighting, Breathing Apparatus
2-94xxx	Salvage Equipment
2-95xxx	Diving Apparatus
4-xxxxx	Flag Officers' (and their staffs') allowances
5-xxxxx	Equipage & OSI for Fleet Ballistic Missiles
6-xxxxx	Nuclear Equipment
7-11xxx	SPAWAR Electronics
7-67xxx	Portable Communications, Infrared, RADIAC, SONAR, Electrical and Electronic Testing Equipment

b. All other AEL categories (other than those listed in 6-D.4 Paragraph a) are categories in which the Naval Supervising Activity (NSA) has been granted the authority to make adjustments in the ship's initial fitting-out allowance of equipage material. These adjustments need not be reported to the cognizant ISEA. (See the Allowance Update and Maintenance Chapter for processing of Allowance Change Requests.) In exercising this delegated authority, the NSA shall observe the following:

1. The total cost of all such locally authorized adjustments shall not exceed two percent of the total cost of the equipage allowance in this category as tabulated in Part III, Section B of the ship's first published COSAL.
2. Weight, moment, and space limitations will constrain these adjustments to a ship's initial outfit.

6-D.5 RESPONSIBILITIES

The following responsibilities shall be assumed and the functions assigned shall be accomplished:

6-D.5.1 Naval Sea Systems Command (NAVSEA) (04L) Shall:

- a. Provide policy and guidance for the development and utilization of AELs.
- b. Provide budgeting and funding as required to develop AELs.

6-D.5.2 Ship Program Managers (SPMs) Shall:

- a. Designate a comparable ship to be used in the development of ship level AELs.
- b. Require Participating Acquisition Resource Managers (PARMs) to have AELs prepared for new systems and/or equipment.
- c. Interface with NAVSEA damage control personnel and Fleet Commanders to ensure that ship level damage control and safety related AELs are developed and included in each ship's COSAL.
- d. Provide ship level drawings to the applicable Technical Support Activity (TSA) responsible for provisioning the ship, to NAVSEALOGCEN, and to the Naval Inventory Control Point-Mechanicsburg (NAVSUP WSS) to be used in the preparation of ship level AELs.
- e. Require the applicable TSA or ISEA to determine which AELs are required for system and equipment certification.
- f. Ensure that AELs are entered into CDMD-OA as part of Configuration Overhaul Planning (COP).
- g. Ensure AELs that are above the baseline of a comparable ship are developed by shipbuilder and/or NSA during new construction.

6-D.5.3 Participating Acquisition Resource Managers (PARMs) Shall:

- a. Include the requirement for system and equipment drawings in acquisition contracts. These drawings shall be adequate to determine equipage required to operate and maintain the system or equipment as well as define which equipage is required for shipboard certification of the system or equipment.
- b. Interface with the designated TSA to ensure that adequate AEL data is provided to NAVSEALOGCEN and NAVSUP WSS for the preparation and publication of AELs. Each published AEL shall provide adequate equipage for the operation and maintenance of

systems and equipment and for alterations and modifications of systems and equipment.

6-D.5.4 Naval Surface Warfare Center Carderock Division Ship Systems Engineering Station (NSWCCD SSES) Shall:

- a. Chair the annual conference to update HM&E AELs.
- b. Update and maintain an AEL database on Chemical, Biological and Radiological (CBR) equipment. Ensure this database is compatible with Interactive Computer-Aided Provisioning System (ICAPS) to provide for rapid update of the WSF via NAVSEALOGCEN.
- c. Update and maintain an AEL database on Hazardous Materials (HAZ-MAT) consumables. Ensure this database is compatible with ICAPS to provide for rapid update of the WSF via NAVSEALOGCEN.

6-D.5.5 Naval Supervising Activity (NSA) Shall:

- a. Develop required AELs from drawings, ship contract specifications, etc.
- b. Report all AELs to the ship's Configuration Data Manager (CDM).
- c. Provide Provisioning Technical Documentation (PTD) and NAVSEA Form 4441/1 to support new or revised AELs to the applicable TSA.

6-D.5.6 In-Service Engineering Agents (ISEA) Shall:

- a. Review systems and equipment drawings (including revisions) to determine equipage requirements.
- b. Determine equipage validation requirements for systems and equipment.
- c. Provide AEL data to NAVSEALOGCEN or NAVSUP WSS.

6-D.5.7 Naval Sea Logistics Center (NAVSEALOGCEN) Shall:

- a. Review and validate all requests for new AEL development or changes to existing AELs under NAVSEALOGCEN cognizance and assist in their preparation.
- b. Assign permanent AEL numbers for equipage categories under NAVSEALOGCEN cognizance.

- c. Review data, plans and drawings provided by NSAs, ISEAs, TSAs, SPMs, and PARMs, to validate AEL requirements for equipage categories under NAVSEALOGCEN cognizance.
- d. Maintain the AEL data in ERP for equipage categories under NAVSEALOGCEN cognizance.

6-D.5.8 Naval Supply Systems Command Weapon Systems Support (NAVSUP WSS) :

- a. Review data, plans, and drawings provided by NSAs, ISEAs, TSAs, SPMs, and PARMs to validate AEL requirements.
- b. Maintain the AEL data in the WSF.
- c. Publish COSALs on an as required basis to provide AEL indexes and the ship's allowance list.

ATTACHMENT 1

NON-AEL WORTHY ITEMS

A. The following items are not AEL worthy:

- (1) Items that are installed and require no repair parts or foreseeable replacement, e.g. bookcases, benches, cleats.
- (2) Items that are usually fabricated or assembled on site from locally available materials.
- (3) Items that are portable and readily available from commercial sources for both outfitting and replacement, have no application to any installed equipment, and have no operational or military necessity.

The listing below provides examples (Note--This listing is representative and shall not be construed as "All-Inclusive".):

ADAPTERS - Hose & Pipe (miscellaneous installed)
AIRSCOOPS - Airport; portlight
AWNINGS
BASES - Cabinets & Equipments
BENCHES - Mess & Dining
BERTHS & BEDS
BILGE PAD ASSEMBLIES - Boat
BOOKRACKS
BOOKCASES
BOARDS - Absentee, bulletin, nameplate, etc.
BRIDLE PLATES AND YOKES
BROWS - Aluminum or wood
BUCKLERS - Turret, fabric
BUFFETS - Dining
BULLETIN BOARDS
BOXES - Fire alarm (breakage type for CO2 activation)
CABINETS - Filing, storage, washroom, etc.
CAMERAS - (Naval Air Systems Command (NAVAIR) Publication (Pub.))
CANOPIES
CASTERS - Chair, gang plank
CHAIRS
CHOCKS
CLAMPS - Hose miscellaneous installed
CLEATS - Installed
CLEATS - Rod end (installed)
COMPUTER PERIPHERIALS - Printers, Scanners, Projectors, Pointing

Devices, Servers, LANS, WANS, etc.
 COMPUTERS, PERSONAL - Laptop and Desktop
 COUPLINGS - Hose miscellaneous (for minor drains, washdown)
 COVERS - Furniture, chair, canvas (bulk material)
 COVER ASSEMBLY - Hatch
 CRADLES - Boat, torpedo
 CURTAINS - Airport, door, shower
 DAVITS - Portable (pipe type)
 DEADLIGHTS - Airport or portlight
 DECK FITTINGS FOR BLOCKS, etc.
 DISCS - Safety Pressure for CO2 extinguisher
 DISPENSER - Dish, tray, soap
 DOGS - Hatch, scuttle
 DOLLY - Boat stowage
 DOORS
 DOOR MATS
 ENTERTAINMENT EQUIPMENT - Television, Video Recorders, Speakers,
 Stereo Equipment, etc.
 EYELET FASTENER - Installed
 FAIRLEADERS
 FILES
 FITTINGS - Lubrication (installed)
 FITTINGS - Door, locker, drawer
 FOOT STOOLS
 FORMS - Message Blanks, etc.
 FRAMES - Door, hatch
 FURNITURE - Chairs, decks, tables, sofas, etc.
 GEAR - Operating (for remote valves)
 GEAR - Regunning
 GLASS - Airport, portlight, pullbox for fire
 Greases - Non-HAZMAT (Should be listed in GUCL)
 GRIPES - Outside, inside
 GUN - Line throwing
 GUN - Spray water (installed type for laundry press)
 HAMMOCK
 HAMPERS
 HANDRAILS
 HANDLES - Door
 HATCHES
 HEADS - Sprinkler installed
 HOLDERS - Clinical chart, sputum cup (on BUMED portion of COSAL)
 HOSE - Miscellaneous lengths and fittings (steaming out, tank
 filling drains, etc.)
 HULL FITTINGS - Miscellaneous
 INSTRUMENTS - Musical
 LADDERS - Accommodation
 LADDERS - Jacobs (Non-standard lengths)

LANYARDS
 LIGHT FIXTURES - Installed
 LIGHT LOCKS
 LINKS - Fabricated types (eye pad)
 LOCKERS - Poison antidote, safe, etc.
 LOCKING DEVICES - Cypher locks, pad locks, combination locks, key locks, etc.
 LUBRICANTS - Non-HAZMAT (Should be listed in GUCL)
 MARKERS - Luminous radioactive
 MESSING APPLIANCES - Toasters, blenders, waffle makers, hand mixers, etc.
 MINE CLEARING CABLES - Installed fittings
 NETS - Safety (Installed)
 NIPPLES - Hose and pipe (installed)
 NOZZLES - Hose miscellaneous (garden type, washdown, etc.)
 PADS - Table
 PADDLES - Signal (Fabricated per Naval Warfare Publication (NWP 38))
 PADEYES
 PHYSICAL FITNESS EQUIPMENT
 PLATES - Surface, bending, bench
 POCKETS - File visible (for file cabinets)
 PORTLIGHTS
 PROJECTORS - Film, slide, movie, overhead, etc.
 PUBLICATIONS
 RACKS - Book, swab
 RAMPS - Portable type (stowed on bulkheads)
 REDUCERS - Hose miscellaneous (minor drains, washdown, etc.)
 RINGS - Curtain, shower, window
 RUGS
 SAFES
 SAFETY DISCS - Pressure CO2
 SCOOPS - Air, (for airport, portlights, windows)
 SCREENS - Film, slide, movie, overhead, etc.
 SEATS - Bench, bucket, chair, stool, etc.
 SINKS - Plate processing
 SLABS - Bending, Welding
 SLIP COVERS - Furniture
 SOFTWARE
 SOLVENTS - Non-HAZMAT (Should be listed in the GUCL)
 SPRAY GUNS - Water overhead for laundry press
 STAFFS - Jack, ensign
 STAGES - Metal, wood, plastic
 STANCHIONS - Awning, handrail
 STANDS - Instrument, dressing (medical bed service)
 STATION MARKER BOXES (fabricated per NWP 38)

STATION MARKERS (fabricated per NWP 38)
STOOLS - Foot
STRONGBACKS - Boat, winch
STUD ASSEMBLIES - Holding type (bulkhead, deck house)
TABLES - Mess, end, coffee, chart, writing
TANKS - Small portable type (oil stowage, acid mix, day tanks)
TAPE - Luminous deck marking
TELEPHONES - Cellular, installed, etc.
TIPS - Chair Leg
THIMBLES - Rope rigging
THWARTS - Portable
TOGGLES - Toggle pins
TOPS - Cabinets filing
TUBS - Cleaning, quenching, galley
VATS - Cleaning, stowage
VISES - Machinist
WEATHER CLOTHS
WEDGE BAR ASSEMBLIES - Special for test castings
WINDOWS
WIND SCREENS - Landing Officers
WORK BENCHES
WRENCHES - Non-standard (deck, drain, hatch, etc.)

ATTACHMENT 2

INFORMATION ONLY AELS

A. The following items are to be included in COSALs for information only. Mark-up applicable AEL with required quantities for local use only.

(1) Canvas Covers for the following types of equipment:

(a) Lifting Gear - (COSAL to show plans only in AEL series 2-41006, 2-92003)

(b) Rigging - (2-18001 series) (show only spare blocks, ropes, etc.)

ATTACHMENT 3

AEL MANAGEMENT RESPONSIBILITY CHART

Allowance Equipage List (AEL) Type/Definition	Numeric Prefix	Alpha Prefix	NAVSUP-Managed	NSLC-Managed
Ordnance Material	0-	A	X	
Space/System Related Material (HM&E/Nuclear)	1-	B		X
Miscellaneous HME Material	2-*	C		X
Miscellaneous Special Warfare	2-99 2-99CES	C	X	
Mobile – Automotive, Construction, and Material Handling Equipment, HAZMAT(3-HZ)	3-	D		X
Flag-level Items	4-	E		X
SINS/FBM/Special Project Office Equipage	5-	F	X	
Nuclear Reactor Program (NRP) – Classified [not currently used for new AEL establishments]	6-	G	X	
Electronics	7-*	H	X	
Tools, Electronics Equipment	7-67	H		X
Trident [not currently used by NAVSUP for new AEL establishments]	8-	J		X
Nuclear Ordnance [not currently used for new AEL establishments]	9-	K	X	
<i>*With Exceptions</i>				