

APPENDIX B**ALLOWANCE PARTS LIST
PREPARATION AND PROCESSING****Table of Contents**

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6-B.0 INTRODUCTION

This appendix provides specific instructions for the preparation and processing of Allowance Parts Lists (APLs). It implements the policies and procedures pertaining to APLs as set forth in PAFOS Manual Chapter 6. This appendix defines APLs, identifies APL categories, and provides procedures to be followed in the preparation of APLs.

6-B.1 APL DEFINITION

The APL is a technical document jointly prepared by the Technical Support Activity (TSA) and the Naval Inventory Control Point-Mechanicsburg (NAVICP-M). The APL is a stand alone allowance document that identifies a system or equipment and the repair spares, Maintenance Assistance Modules (MAMs), and special tools required for operation and maintenance, both corrective and preventive, for the system or equipment. An APL culminates the provisioning data development and is the document used to establish supply system stockage objectives, as well as define candidates for shipboard allowances. APLs are an integral part of a ship's Coordinated Shipboard Allowance List (COSAL). APLs that support systems and equipment installed in a ship are listed in the Summary of Effective Allowance Parts/Equipage List (SOEAPL) Part I and are provided in their entirety in Part II of the COSAL.

6-B.2 APL PREPARATION

Chapter 3A of the COSAL Use and Maintenance Manual, NAVICP Instruction 4441.170 (series), identifies and provides examples of the various types of APLs that appear in a COSAL. The preparation of an APL involves multiple actions on the part of the provisioning team summarized below and treated in detail in PAFOS Chapter 4 (Provisioning):

- a. A Ship, System or Equipment acquisition manager contracts for provisioning data.
- b. The system or equipment manufacturer or system integrator provides the provisioning data in the format specified by the associated Contract Data Requirements List (CDRL).
- c. Provisioning data is processed by the designated TSA and NAVICP-M for the application of technical and supply coding.

(See PAFOS Chapter 4, Provisioning, for a full description of the provisioning process and assignment of responsibilities.)

d. Once the data is entered into the Weapon Systems File (WSF) it can be extracted as a stand-alone APL or as part of a COSAL.

Stand-alone APLs are commonly referred to as provisioning APLs and show quantities of repair spares, MAMs, and special tools based on the number of equipment installed in a ship. Hard copy COSAL APLs do not list allowed quantities. Instead, the user is referred to the Stock Number Sequence List (SNSL) of the COSAL to determine the allowed quantities.

e. After preparation, the TSA is responsible for the validity of the APL.

6-B.3 APL FORMAT

The APL is formatted as follows (the upper case letters represent the standard blocks on the APL form). Figure B-1 provides an illustrated APL with the applicable data defined:

- **EQUIPMENT NOMENCLATURE** - This block identifies the system or equipment the APL supports.
- **TECHNICAL DOCUMENT NUMBER** - This block identifies the system or equipment technical manual and/or system or equipment drawing used to maintain and operate the system or equipment.
- **IDENTIFICATION NUMBER** - This block provides the APL number assigned. Ordnance Fire Control Systems and Electronics systems have (8) eight characters. Hull, Mechanical, and Electrical (HM&E) equipment have (9) nine characters. Use of APL prefixes and suffixes can expand the number to a total of (11) eleven characters. Allowance Equipage Lists (AELs) have (10) ten characters. Appendix C of the COSAL Use and Maintenance Manual, NAVICP Instruction 4441.170 (series), provides a complete breakdown of HM&E APL categories and the numbering system used in assigning APL identification numbers.
- **DATE** - The date appearing here is the date the APL was extracted from the WSF.
- **PAGE** - The page number appearing here is the page number of the APL. The last page of the APL will have the word "END" printed in bold print in the center of the page on the line

immediately following the last line of data. This data is entered during the provisioning process.

- CHARACTERISTICS - A finite description of the system or equipment is printed in the body of the APL directly beneath this word. This block can also be used to provide specific instructions and notes. The Commercial and Government Entity (CAGE) for the system or equipment is also provided in this block. This data should also appear on the system or equipment nameplate that is permanently affixed to the system or equipment.
- ADDITIONAL DATA FIELD - The space immediately beneath and following the characteristics field is reserved to provide additional data that helps to identify the system or equipment in relation to a parent system or equipment. This data can consist of additional drawings, additional technical manuals, related APLs, and specifications. This field is also used to record key logistics information and notes pertaining to this APL and its spare parts. The Lead APL (LAPL) for HM&E systems and equipment is identified in this space.
- ACCESSORY EQUIPMENT - APLs for accessory equipment are listed on parent APLs. These accessory APLs are provided through the WSF but must be verified by the TSA.
- REFERENCE SYMBOL NUMBER - This is the plan and piece number or a specific designator assigned to an electronics or fire control system piece part. This number is technical in nature and must be provided by the system or equipment manufacturer and should be an integral part of the system or equipment drawings.
- ITEM NAME - The CAGEs and noun names of embedded parts or special tools are provided in this column. The CAGE is a code assigned to a manufacturer and is an integral part of the design plans and provisioning data. A combination of the CAGE and the plan and piece number of the part provides cataloging data and finite parts identification.
- STOCK NUMBER - The National Stock Numbers (NSNs) or Navy Item Control Numbers (NICNs) assigned to individual parts, special tools, or MAMs are provided in this column. NSNs are assigned by the Defense Logistics Information Service (DLIS) based on the CAGE and part identification provided by NAVICP-M via ICAPS during the provisioning process. NICNs are assigned by NAVICP-M to provide parts identification while an NSN is being obtained. Permanent

NICNs may also be assigned to non-stocked items to assist the Fleet in the identification and control of items.

- PART MILITARY ESSENTIALITY CODE (MEC) - The Part MEC is assigned to reflect the importance of each part to the system or equipment as a whole.
- SOURCE, MAINTENANCE AND RECOVERABILITY (SM&R) CODES - SM&R codes are technical in nature and reflect the part level acquisition, maintenance, and disposal philosophies. SM&R code assignment is summarized below and detailed in Chapter 4:
 - SOURCE CODE - The Source code consists of the first two digits of the SM&R Code and indicates the source of a part.
 - MAINTENANCE CODE - The Maintenance Code consist of two digits occupying the 3rd and 4th positions of the SM&R code.
 - RECOVERABILITY/CONDEMNATION CODE - The recoverability/condemnation code occupies the fifth position of the SM&R code.
- ALLOWANCE NOTE CODES (ANCs) - ANCs are assigned to individual parts to identify a unique requirement of some types, such as MAMs.
- QUANTITY IN ONE EQUIPMENT - The numbers appearing in this column indicate the number of the individual parts that are embedded in the system or equipment identified on the APL.
- UNIT OF ISSUE - This column indicates the quantity of an item carried as a packaging unit in the supply system (i.e., each, assembly, dozen, box, gross, foot, etc.).
- ALLOWANCE ITEM CODE (AIC) - This code provides Allowance Override (AOR) or under-ride coding.
- ON BOARD ALLOWANCE TABLE - If the APL is a provisioning APL, there will be quantities in the columns as applicable. If the APL is extracted as part of a COSAL, the words "SEE SNSL FOR ALLOW" will appear on the face of the APL.
- SHIP TYPE & HULL NUMBER - If the APL is a provisioning APL, this space will be blank. If the APL is extracted as part of a ship's COSAL, that ship's hull type and hull number will be printed in this space (i.e., DD 963 would appear here if the COSAL was for the USS SPRUANCE DD 963).

- PAGE - This space provides the page count on the applicable number of consecutive pages that have been printed by category of APL ("H" indicates HM&E, "Z" indicates ordnance, "E" indicates electronics). For example, the 20th page printed for the HM&E category of APLs would be H20.

6-B.4 TYPES OF APLS

There are several types of APLs. These are described in detail in the COSAL Use and Maintenance Manual, NAVICPINST 4441.170 (series). The APL types are identified here to provide a ready reference. The APL number can range from 8 to 11 characters including prefixes and suffixes.

6-B.4.1 Hull, Mechanical and Electrical APL

HM&E APLs are used to identify the maintenance significant items for HM&E systems and equipment. These APLs have (9) nine characters in their identification number. Figure B-1 is an example of an HM&E APL.

6-B.4.2 Ordnance APL

Ordnance APLs are used to identify the maintenance significant items for the ship's weaponry and weapons support equipment. These APLs identify the ordnance system by the type of weapon system (i.e., Gun, 5 Inch 54 MK 2 MOD 1, etc.). Ordnance APL identification numbers have (9) nine characters with the first two characters being 00. (See Figure B-2.)

6-B.4.3 Ordnance Alteration APL

This APL is used to identify maintenance significant items supporting an alteration to an ordnance system or equipment. This APL is used in conjunction with the system or equipment APL identified in the characteristics field. Ordnance Alteration (ORDALT) APL identification numbers have (9) nine characters with the first two characters being 0R (zero R). (See Figure B-3.)

6-B.4.4 HM&E Machinery Alteration APL

Machinery Alteration (MACHALT) APLs are developed to identify maintenance significant items supporting configuration changes to HM&E systems and equipment. These changes are caused by

redesign of the system or equipment, or by redesign of internal parts. These systems are normally Government acquired and built to NAVSEA specifications. MACHALT APL identification numbers have (9) nine characters and can be identified by an alpha character in the (6th) sixth position. (See Figure B-4.)

6-B.4.5 Electronic and Gunfire Control System APLs

Electronic and Gunfire Control System (GFCS) APLs are developed to identify maintenance significant items supporting electronic and GFCS. These APLs also have a Section "B" which is a topdown breakdown of maintenance significant parts in Circuit Symbol Number (CSN) sequence. CSNs are cross referenced to the NSN or NICN, CAGE for the part, and part number. Electronic and GFCS APL identification numbers have (8) eight characters. (See Figure B-5.)

6-B.4.6 Electronics Field Change APL

Electronics Field Change APLs are prepared to identify maintenance significant items to support the configuration changes resulting from alterations to electronic systems and GFCSs. These APL identification numbers have (8) eight characters. (See Figure B-6.)

6-B.4.7 Miscellaneous Repair Parts List APL

Miscellaneous Repair Parts APLs provide support for a variety of equipment installed in ships that are not APL worthy. These APLs are also used to avoid proliferation of APLs for systems that can be modified by shipboard personnel without changing the configuration of the basic equipment. These APLs, commonly referred to as 89000 series APLs, were developed to accommodate common electrical, piping, and machinery systems. Appendix "A" to the Cosal Use and Maintenance Manual, NAVICPINST 4441.170 (series), provides the ground rules to be used in the development of 89000 series APLs. The identification number for these APLs has (9) nine characters and always starts with "89" as the first (2) two characters. (See Figure B-7.)

6-B.4.8 Allowance Components List

Although the Allowance Components List (ACL) is identified as an APL, the ACL does not identify any parts. The ACL is provided to identify a system that is made up of equipment that are supported by APLs on their own. There are also equipment APL numbers listed that are identified for configuration control

purposes only. Some of the equipment listed on the ACL may not be installed at each installation and must be validated for each ship. Parts support for the equipment is derived through the equipment APLs. ACLs are electronic in nature and their identification numbers have (10) ten characters, the last (2) two characters range from "CA" to "CZ" except "X." (See Figure B-8.)

ALLOWANCE PARTS LIST (APL)

EQUIPMENT/COMPONENT NOMENCLATURE/CHARACTERISTICS				MANUAL	347-4249	IDENTIFICATION NO.				DATE		PAGE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
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Change **G**

ALLOWANCE PARTS LIST (APL)									
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MK6MOD9, HOIST, 5 INCH CALIBER AMMUNITION				PLAN				08-17-92	
MFR-FMC CORP NORTHERN ORDNANCE DIV								006040052	
NAVCOM PLAN-D-5381650								ON BOARD ALLOWANCE TABLE	
MFR DUG-5381650								NUMBER	
MFR ID-44114								OF EQUIPMENT COMPONENTS	
PATTERN NO-1140								1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 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2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2028 2029 2030 2031 2032 2033 2034 2035 2036 2037 2038 2039 2040 2041 2042 2043 2044 2045 2046 2047 2048 2049 2050 2051 2052 2053 2054 2055 2056 2057 2058 2059 2060 2061 2062 2063 2064 2065 2066 2067 2068 2069 2070 2071 2072 2073 2074 2075 2076 2077 2078 2079 2080 2081 2082 2083 2084 2085 2086 2087 2088 2089 2090 2091 2092 2093 2094 2095 2096 2097 2098 2099 2100 2101 2102 2103 2104 2105 2106 2107 2108 2109 2110 2111 2112 2113 2114 2115 2116 2117 2118 2119 2120 2121 2122 2123 2124 2125 2126 2127 2128 2129 2130 2131 2132 2133 2134 2135 2136 2137 2138 2139 2140 2141 2142 2143 2144 2145 2146 2147 2148 2149 2150 2151 2152 2153 2154 2155 2156 2157 2158 2159 2160 2161 2162 2163 2164 2165 2166 2167 2168 2169 2170 2171 2172 2173 2174 2175 2176 2177 2178 2179 2180 2181 2182 2183 2184 2185 2186 2187 2188 2189 2190 2191 2192 2193 2194 2195 2196 2197 2198 2199 2200 2201 2202 2203 2204 2205 2206 2207 2208 2209 2210 2211 2212 2213 2214 2215 2216 2217 2218 2219 2220 2221 2222 2223 2224 2225 2226 2227 2228 2229 2230 2231 2232 2233 2234 2235 2236 2237 2238 2239 2240 2241 2242 2243 2244 2245 2246 2247 2248 2249 2250 2251 2252 2253 2254 2255 2256 2257 2258 2259 2260 2261 2262 2263 2264 2265 2266 2267 2268 2269 2270 2271 2272 2273 2274 2275 2276 2277 2278 2279 2280 2281 2282 2283 2284 2285 2286 2287 2288 2289 2290 2291 2292 2293 2294 2295 2296 2297 2298 2299 2300 2301 2302 2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 2329 2330 2331 2332 2333 2334 2335 2336 2337 2338 2339 2340 2341 2342 2343 2344 2345 2346 2347 2348 2349 2350 2351 2352 2353 2354 2355 2356 2357 2358 2359 2360 2361 2362 2363 2364 2365 2366 2367 2368 2369 2370 2371 2372 2373 2374 2375 2376 2377 2378 2379 2380 2381 2382 2383 2384 2385 2386 2387 2388 2389 2390 2391 2392 2393 2394 2395 2396 2397 2398 2399 2400 2401 2402 2403 2404 2405 2406 2407 2408 2409 2410 2411 2412 2413 2414 2415 2416 2417 2418 2419 2420 2421 2422 2423 2424 2425 2426 2427 2428 2429 2430 2431 2432 2433 2434 2435 2436 2437 2438 2439 2440 2441 2442 2443 2444 2445 2446 2447 2448 2449 2450 2451 2452 2453 2454 2455 2456 2457 2458 2459 2460 2461 2462 2463 2464 2465 2466 2467 2468 2469 2470 2471 2472 2473 2474 2475 2476 2477 2478 2479 2480 2481 2482 2483 2484 2485 2486 2487 2488 2489 2490 2491 2492 2493 2494 2495 2496 2497 2498 2499 2500 2501 2502 2503 2504 2505 2506 2507 2508 2509 2510 2511 2512 2513 2514 2515 2516 2517 2518 2519 2520 2521 2522 2523 2524 2525 2526 2527 2528 2529 2530 2531 2532 2533 2534 2535 2536 2537 2538 2539 2540 2541 2542 2543 2544 2545 2546 2547 2548 2549 2550 2551 2552 2553 2554 2555 2556 2557 2558 2559 2560 2561 2562 2563 2564 2565 2566 2567 2568 2569 2570 2571 2572 2573 2574 2575 2576 2577 2578 2579 2580 2581 2582 2583 2584 2585 2586 2587 2588 2589 2590 2591 2592 2593 2594 2595 2596 2597 2598 2599 2600 2601 2602 2603 2604 2605 2606 2607 2608 2609 2610 2611 2612 2613 2614 2615 2616 2617 2618 2619 2620 2621 262	

ALLOWANCE PARTS LISTS (APL)

EQUIPMENT/COMPONENT NOMENCLATURE/CHARACTERISTICS		MANUAL		IDENTIFICATION NO.	DATE	PAGE																																																																								
MODIFICATION KIT		TECHNICAL DOCUMENT NUMBER	PLAN	0R68040001	10-15-88	1																																																																								
CHARACTERISTICS MFR-NAVAL ORDNANCE PLANT NAVCOM PLAN- MFR DWG- MFR ID-ORDALT6804 PATTERN NO-1140 EQUIP SPEC- FSN-2A1440-178-9995 LAPL- NOTE APPLICABLE TO LAUNCHER MK112MODS ALL APLS 005020001,005020009, 005020016, 005020024 FSCM-61178 0744 ORDALT APL ORDALT APL SHOULD BE USED IN CONJUNCTION WITH THE BASIC APL																																																																														
BUWEPDWG284394PC 08092 PIN-ENCL-GO MS 15793-814 08092 WASHER MS21044C6 08092 NUT-SLKG MS35691-630 08092 NUT-HEX 1222010-39 94135 NUT-PLN HEX 1788193 10001 BOLT-U 1788202 10001 PLATE-AHR 1807327 10001 LATCH-SUB ASSI 2843947 10001 BOLT-U 2843949PC2 10001 PIN-ENCL-GU		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2" style="text-align: left;">SOURCE</th> <th colspan="2" style="text-align: center;">REMARKS</th> <th colspan="2" style="text-align: center;">QTY IN ONE EOPT/COMP.</th> </tr> <tr> <th style="text-align: center;">PART</th> <th style="text-align: center;">ITEM NAME</th> <th style="text-align: center;">STOCK NUMBER</th> <th style="text-align: center;">SECTION A</th> <th style="text-align: center;">1</th> <th style="text-align: center;">2</th> </tr> </thead> <tbody> <tr> <td>1A</td> <td>5315-00-404-7818</td> <td>1PA 5ZZ</td> <td>8EA</td> <td></td> <td></td> </tr> <tr> <td>9Z</td> <td>5310-00-773-7618</td> <td>1PA 5ZZ</td> <td>5EA</td> <td></td> <td></td> </tr> <tr> <td>9Z</td> <td>5310-00-857-4959</td> <td>1PA 5ZZ</td> <td>24EA</td> <td></td> <td></td> </tr> <tr> <td>9Z</td> <td>5310-00-680-6850</td> <td>1PA 5ZZ</td> <td>24EA</td> <td></td> <td></td> </tr> <tr> <td>9Z</td> <td>5310-00-768-0319</td> <td>1PA 5ZZ</td> <td>24EA</td> <td></td> <td></td> </tr> <tr> <td>9Z</td> <td>5306-00-781-1169</td> <td>1PA 5ZZ</td> <td>12EA</td> <td></td> <td></td> </tr> <tr> <td>1A</td> <td>1440-00-456-6170</td> <td>1PA 5ZZ</td> <td>10EA</td> <td></td> <td></td> </tr> <tr> <td>1A</td> <td>1440-00-456-0766</td> <td>1PB 5SD</td> <td>12EA</td> <td></td> <td></td> </tr> <tr> <td>1A</td> <td>5306-00-411-0254</td> <td>1PA 5ZZ</td> <td>12EA</td> <td></td> <td></td> </tr> <tr> <td>1A</td> <td>5315-00-404-7819</td> <td>1PB 5ZZ</td> <td>6EA</td> <td></td> <td></td> </tr> </tbody> </table>					SOURCE		REMARKS		QTY IN ONE EOPT/COMP.		PART	ITEM NAME	STOCK NUMBER	SECTION A	1	2	1A	5315-00-404-7818	1PA 5ZZ	8EA			9Z	5310-00-773-7618	1PA 5ZZ	5EA			9Z	5310-00-857-4959	1PA 5ZZ	24EA			9Z	5310-00-680-6850	1PA 5ZZ	24EA			9Z	5310-00-768-0319	1PA 5ZZ	24EA			9Z	5306-00-781-1169	1PA 5ZZ	12EA			1A	1440-00-456-6170	1PA 5ZZ	10EA			1A	1440-00-456-0766	1PB 5SD	12EA			1A	5306-00-411-0254	1PA 5ZZ	12EA			1A	5315-00-404-7819	1PB 5ZZ	6EA		
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1A	5315-00-404-7819	1PB 5ZZ	6EA																																																																											
1 - ORDALT APL NUMBER - First position is a numeric, not an alpha character. 2 - NOTES - For detailed definition, see Appendix "C" 3 - DASH (-) located in the ALL ITEM column and represent the quantity by which the effected APL population of the item has been decreased because of ORDALT accomplishment																																																																														
DD 901 Z6 SHIP TYPE & HULL NO. PAGE		PART II ALLOWANCE PARTS LISTS (APL) SECTION A																																																																												
0R68040001 10-15-88 1		ON BOARD ALLOWANCE TABLE NUMBER OF EQUIPMENT COMPONENTS 1 2 3 4 5-8 9-20 21-50																																																																												

Figure B-3
Ordnance Alteration APL

Figure 3-A-11 ORDALT Allowance Parts List

EQUIPMENT/COMPONENT NOMENCLATURE/CHARACTERISTICS				MANUAL		IDENTIFICATION NO.		DATE		PAGE	
APPROVED SHIP ALTERATION NO DD 901				70342		52017A010		05-30-88		1	
MFR-NAVAL SEA SYSTEMS COMMAND, WASH. DC NAVCOM PLAN-518-5356953 MFR DWG-5356953 MFR ID -5356953 PATTERN NO-1204 EQUIP SPEC-NONE NSN-N/A LAPL-NLAPLW TECHNICAL DIRECTIVE NO.- JCB NO. - APPLICABLE CHANGE IN DESIGN NO.-SSN-2929 APPLICABLE BASE LINE APL NO.-520170342 PDCN-W470K 8UK FSCM-53711				QTY IN ONE EQPT/ COMP.		NUMBER OF EQUIPMENTS/COMPONENTS		ON BOARD ALLOWANCE TABLE		21-50	
MS28774-330 96906 RETAINER-PK 2 . 138 ID 9Z 5330-00-582-2145 M83248/1-330 81349 PACKING PREFMD 2 . 100 ID 9Z 5330-01-005-4058 M83248/1-920 81349 O-RING-1.250D 1.475 ID 9Z 5330-00-165-1977				1 EA 1 EA 1 EA		1 1 1		1 1 1		1 1 1	
END				1		1		1		1	
HM&E modification APL denoted by "AO"				1		1		1		1	
Identifies the APL as a ship alteration				1		1		1		1	

Figure B-4
Machinery Alteration APL

Figure 3-A-13 HM&E Machine Alteration (MACALTs) Allowance Parts List

ALLOWANCE PARTS LIST (APL)

EQUIPMENT/COMPONENT NOMENCLATURE/CHARACTERISTICS										MANUAL		IDENTIFICATION NO.		DATE		PAGE			
AM/SRA, ANTENNA GROUP										TECHNICAL DOCUMENT NUMBER		PLAN		57103200		10-15-88		1	
										CHARACTERISTICS									
MFR-FUTURONICS CORP CONTRACT NR-NOBSR 93208 SOURCE OF APL INFO-SEE BELOW TECH MANUAL-NAVSHIPS 0967-274-9010 MAJOR UNITS WHICH ARE PART OF THIS EQUIPMENT										P R E C O N O T Y A S O M A I N T E N A N C E T U R N I N G S E C E L L S U I		A L L		NUMBER OF EQUIPMENT/COMPONENTS					
UNIT/TKT SYM RANGE TYPE QTY UNIT NAME										R E C O N O T Y A S O M A I N T E N A N C E T U R N I N G S E C E L L S U I		A L L		NUMBER OF EQUIPMENT/COMPONENTS		1 2 3 4 5-8 9-20 21-50			
1 AS-1982 / SRA-42001 ANTENNA																			
2 TN-443 / SRA-42 001 RADIO FREQ TUNER																			
3 C-8072 / SRA-42 001 ANTENNA CONTROL																			
FSCM-14680																			
C-8072 / SRA-42 P / O AM / SRA-42																			
AS-1982 / SRA-42 P / O AM / SRA-42																			
TH-443 / SRA-42 P / O AM / SRA-42																			
AM / SRA-42 FC1 P / O AM / SRA-42																			
AM /SRA-42 FC1 P / O AM / SRA-42																			
4GE582-00-951-9126 1 PA 2 OZ 1 EA																			
9N 5910-00-113-5499 1 PA 2 OZ 2 EA																			
9N 5910-00-071-7397 1 PA 2 OZ 1 EA																			
9N 5910-01-041-6292 1 PA 2 OZ 1 EA																			
9N 5910-00-891-2161 1 PA 2 OZ 1 EA																			
9N 5910-00-901-8949 1 PA 2 OZ 1 EA																			
9N 5910-00-543-9502 1 PA 2 OZ 2 EA																			
9N 5910-00-280-5834 1 PA 2 OZ 1 EA																			
9N 5910-00-543-0833 1 PA 2 OZ 1 EA																			
9N 5950-00-451-5804 1 PA 2 OZ 1 EA																			
9N 5920-00-881-6584 1 PA 2 OZ 1 EA																			
9N 5920-00-173-4638 1 PA 2 OZ 2 EA																			
9N 5950-00-967-4244 1 PA 2 OZ 1 EA																			
9N 5961-00-965-9594 1 PA 2 OZ 4 EA																			
9N 5961-00-850-0563 1 PA 2 OZ 1 EA																			
9N 5961-00-951-7857 1 PA 2 OZ 2 EA																			
9N 5961-00-925-3777 1 PA 2 OZ 1 EA																			
9N 5950-00-537-6634 1 PA 2 OZ 1 EA																			
9N 5950-00-230-7616 1 PA 2 OZ 1 EA																			
9N 5930-00-539-7013 1 PA 2 OZ 1 EA																			
OTHER/ADDITIONAL MANUALS																			
NAVSHIPS 0967-247-9010																			
REFERENCE SYMBOL NO.										ITEM NAME		STOCK NUMBER		U/I		A 1		1 2 3 4 5-8 9-20 21-50	
DD 901										PART II		ALLOWANCE PARTS LIST (APL)		SECTION A		57103200		10-15-88 1	
E200																			
SHIP TYPE & HULL NO.																			
PAGE																			

ALLOWANCE PARTS LISTS (APL)

EQUIPMENT/COMPONENT NOMENCLATURE/CHARACTERISTICS		MANUAL		IDENTIFICATION NO.		DATE		PAGE	
PP-6395 / UYK-7 (V) FC7		TECHNICAL DOCUMENT NUMBER		79739016		07-30-88		1	
CHARACTERISTICS MFR-PERRY CORP SYS DIV-DEFENSE ST PAUL MN NHA-PP-6395 / UYK-7 (V), POWER SUPPLY COMMERCIAL NOMEN-NONE FSCM-90536 CCF DATE - 01 79									
7073075-10		90536 REGULATOR - OSCILLATO		7HH6110-01-126-7149VN		1		EA -	
7073075-11		90536 REGULATOR - OSCILLATO		7HH7025-01-086-3001VN		1		EA -	
7139160-01		90536 CIRCUIT CARD ASSEMB		1HM5962-01-101-6355VN		1		EA -	
7139161-00		90536 CIRCUIT CARD ASSEMB		9N 7010-00-262-3386		1		EA -	
7151591-07		90536 CIRCUIT CARD ASSEMB		1HM7025-01-228-5153		1		EA -	
7906459-18		90536 CAPACITOR, FIXED, CER		9N 5910-00-113-5445		1		EA -	
7906459-30		90536 CAPACITOR, FIXED, CER		9N 5910-00-113-5276		1		EA -	
ELECTRONIC FIELD CHANGE APL ELECTRONIC FIELD CHANGE APL SHOULD BE USED IN CONJUNCTION WITH THE BASIC APL									
END									
ON BOARD ALLOWANCE TABLE SEE SNSL FOR ALLOW									
RECORDS 1 - Electronic Field Change APL denoted by "FC" in nomenclature. 2 - Dash (-) located in the ALL ITEM column indicates this part population is subtracted and not used for COSAL computation.									

Figure B-6
Electronic Field Change APL

Figure 3-A-12 Electronic Field Change Allowance Parts List

EQUIPMENT/COMPONENT NOMENCLATURE/CHARACTERISTICS										TECHNICAL DOCUMENT NUMBER		MANUAL PLAN		IDENTIFICATION NO		DATE		PAGE	
MISC PARTS OUTFIT X FURNISHING AGOS 0019														890519800		07-15-90		1	
CHARACTERISTICS																			
MFR-VARIOUS NAVCOM PLAN- MFR 100- MFR 100- PATTERN NO-128 EQUIP SPEC- NSN- LACL-THIS PARTS LIST CONTAINS MISCELLANEOUS ITEM COMPILED ON A SHIPWIDE BASIS. APL COLUMN HEADED QUANTITY PER EQUIPMENT/COMPONENT LISTS THE QUANTITY INSTALLED ON THAT EQUIPMENT/COMPONENT. THIS SECTION WILL INCLUDE CROSS REFERENCE DATA FROM PART OR DRAWING AND PIECE NUMBER TO ESN. MSC UNIQUE FSCM-03950 CCF DATE - 03 87																			
HS16-2H TP120 WJ5 XLC20 0086										58023 LAVATORY 78770 TOASTER, ELECTRIC 23828 CONTROLLER, MOTOR 22230 OVEN, MICROWAVE 07429 BROILER, TOASTER-ELE 9C 4510-00-571-6410 9B 7310-01-298-7382 9B 9110-00-400-6331 9B 7310-01-130-3782 1HM 0089-LL-H26-0816									
END																			
PART MFR SOURCE MFG RECOVBLTY QTY IN ONE EQUIP COMP U/I A L T E M										SEE SNSL FOR ALLOWANCE 1 EA 1 EA 1 EA 2 EA									
PART MFR SOURCE MFG RECOVBLTY QTY IN ONE EQUIP COMP U/I A L T E M										890519800 07-15-90 1									
REFERENCE SYMBOL NO. TAGOS 19 H 891										STOCK NUMBER ALLOWANCE PARTS LIST (APL) PART 11 SECTION A									
SHIP TYPE & HULL NO										PAGE									

Figure B-7

9090-1500

Miscellaneous Repair Parts List APL

EQUIPMENT/COMPONENT NOMENCLATURE/CHARACTERISTICS				MANUAL		IDENTIFICATION NO.		DATE		PAGE				
AN/WRC-1B, RADIO SET				TECHNICAL DOCUMENT NUMBER		PLAN		59001100CL		03-15-90	1			
CHARACTERISTICS				P A S M A R T U R I N T E C E		R E C O V B L T Y		N O T E S		QTY IN ONE EOPT/COMP.				
MFR-GENERAL DYNAMIXS ELECTRONICS ROCHESTER, NEW YORK NSN-2Z 5820-00-964-9674 EIC-QTD4T000 CONTRACT NR-NOBSR 87614, NOBSR 89368, NOBSR 93015				A L		U/I		1 2 3 4						
ALLOWANCE COMPONENTS LIST (ACL)														
FOR COSAL USE, THE ACL IS USED FOR IDENTIFYING APLS IN A SYSTEM AND IN DETERMINING COMPONENT-SYSTEM RELATIONSHIPS. NO FURTHER VALIDATIONS REQUIRED. FOR PECI VALIDATION AND APL ORDERING, NOT ALL INSTALLATION OF THIS EQUIPMENT ARE IDENTICAL. IN ORDER TO ENABLE SPCC TO FURNISH CORRECT APLS AND/OR DEVELOP ACCURATE PECI CONFIGURATIONS THE SHIP OR VALIDATION ACTIVITY MUST INDICATE THE CORRECT QUANTITY FOR EACH ON BOARD EQUIPMENT IN THE INSTALLED QUANTITY COLUMN. WHEN A PECI IS VALIDATED, INDIVIDUAL VALIDATION AID CARDS (NAVSUP FORM 1311) SHOULD BE PREPARED OR VERIFIED FOR THE COMPONENT APLS USING THIS LISTING AS A GUIDE TO SYSTEM RELATE APL NUMBERS.														
*SERVICE APPL--RADIO	AM-3007/URT. AMPLIFIER, RADIO	52300700	8	1										
*SERVICE APPL--RADIO	CU-937/UR. TUNER, AUTOMATIC	62688437	8	1										
*SERVICE APPL--RADIO	H-169/U. HANDSET	67016900	8	1										
*SERVICE APPL--RADIO	J-1265/U. BOX, INTERCONN	70101856	8	1										
*SERVICE APPL--RADIO	MT-3115/WRC-1, SHOCK MOUNT	7553050INA	8	1										
*SERVICE APPL--RADIO	R-1051F/URR, RECEIVER, RADIO	81095103	8	1										
*SERVICE APPL--RADIO	T-827/URT, TRANSMITTER, RADIO	88485700	8	1										
*SERVICE APPL--RADIO	12436-MK-7W-WRT, KIT, INTERCONNECTING CABLE	61954324	8	1										
*SERVICE APPL--RADIO	12436-MK-8W-WRC, KIT, EXTENDER CABLE	61954321	8	1										
END														
REFERENCE SYMBOL NO		ITEM NAME		STOCK NUMBER		U/I		1	2	3	4	5-8	9-20	21-50
SM 101		E490		ALLOWANCE PARTS LIST (APL)		R E C O V B L T Y		N O T E S		5900100CL		03-15-90		1
SHIP TYPE & HULL NO.		PAGE				P A R T M E C		S O U R C E		I D E N T I F I C A T I O N N O		D A T E		P A G E

Figure B-8
Allowance Component List

6-B.5 POLICY

It is Navy Policy that each system or equipment installed in a U.S. Navy ship be supported by spares, repair parts, special tools, MAMs, plus general and special purpose test equipment necessary to perform maintenance and safely operate the system or equipment. To this end, the following policy shall apply:

- a. An APL will be developed for each system or equipment that has embedded parts that will be removed, replaced, or repaired on board U.S. Navy ships.
- b. The TSA shall be responsible for assigning the technical codes and validation of APLs for the equipment under its cognizance.
- c. The Program Support Inventory Control Point (PSICP) shall be responsible for processing provisioning data and maintaining a file of APL data in Level "C" of the WSF.
- d. The PSICP shall extract APL data with each COSAL and each update of COSAL data.

A full description of the policy relative to the provisioning process is contained in Chapter 4.

6-B.6 RESPONSIBILITIES

The following responsibilities shall be accomplished by the activities indicated:

6-B.6.1 NAVSEA (04L)

NAVSEA (04L) shall:

- a. Provide policy and guidance in the preparation of APLs.
- b. Provide interface with other System Commands to ensure that the provisioning process is completed by the system or equipment installation dates.

6-B.6.2 Ship Program Managers (SPMs)

- a. SPMs shall require Configuration Data Managers (CDMs) to maintain the correct APLs in the Configuration Data Managers Database-Open Architecture (CDMD-OA) database to reflect the accurate ship configuration and support philosophy.

6-B.6.3 Participating Acquisition Resource Managers (PARMs)

PARMs shall:

- a. Interface with NAVICP-M to ensure that APLs are developed for each system or equipment installed in a U.S. Navy ship.
- b. Require Technical Support Activity (TSA) and/or In Service Engineering Agents (ISEAs) to provision ~~certify~~ installed systems and/or equipment to an APL.

6-B.6.4 Naval Supervising Activity (NSA)

NSAs shall provide system and equipment configuration data to the CDM for government procured equipment using the characteristics data provided on the APL to identify the system or equipment.

6-B.6.5 Naval Inventory Control Point-Mechanicsburg (NAVICP-M)

NAVICP-M shall:

- a. Maintain a database of APL data in the WSF.
- b. Extract APL data from the WSF for use in computation of a COSAL.
- c. Provide APL data and/or hard copy APLs to ships as necessary.