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on 10/28/63 by John M. Napper Security

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NAVAL SEA SYSTEMS COMMAND

Department of the Navy

(File)

GPL-6-2
Amendment-1
1 October 1949

Govt. Designation	Mfr's Design- nation	Test or Qualifi- cation Reference	Mfr's Name and Address
PORTABLE - A-C			
<u>GRADE - WPS</u> Self-contained AC ammeter, wooden case, dustproof and moisture proof, range 0-5/10	Type P-3	XN28/15-2/2647	General Electric Co., 806 15th St. NW Washington 5, D. C.
Voltmeters (for AC & DC)	Model 341	XN8/15-2/108	Weston Electrical Instrument Corp 619 Frelinghuysen Ave., Newark 5, N. J.
Ammeters (for AC & DC)	Model 370	XN8/15-2/109	
<u>Grade WPS-A</u>			
Self-contained, voltmeters and ammeters, molded case	Type AP-10	XN8/15-2/287	General Electric Co., 806 15th St. NW Washington 5, D. C.
Ammeters, self-contained, ranges 0-75 amperes, steel case	Steel-Six	XN28/15-2/3186	Realty and Industrial Corporation Holler-Smith Division, 1760 W. Market Bethlehem, Pa.
Voltmeters, self-contained, ranges 0-750 volts, steel case	Steel-Six	XN28/15-2/3189	
Self-contained voltmeter and ammeter 15 to 100 cycle frequency range	Model PY-4	XN8/15-2/219	Westinghouse Electric Corporation, 1605 K St. NW Washington 6, D. C.
Portable AC voltmeter and ammeter molded phenolic case finished black, dustproof and moistureproof, self-contained, re	Model PY-5	XN28/15-2/2783	

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Govt. Designation	Mfr's Design- nation	Test or Qualifi- cation Reference	Mfr's Name and Address
Self-contained voltmeters, ammeters, and milliam- meters	Model 155	ENR/15-2/096	Weston Electrical Instrument Corp 619 Frelinghuysen Ave., Newark 5, N. J.
Self-contained volt- meters and ammeters	Model 435	ENR/15-2/113	
<u>PORTABLE - D C</u>			
<u>Grade MPS-E</u>			
Ammeter and millivolt- meter, black molded phenolic case	Model 622	ENR/15-2/513	Weston Electrical Instrument Corp 619 Frelinghuysen Ave. Newark 5, N. J.
<u>PORTABLE - D C</u>			
<u>Grade MPS-D</u>			
Voltmeters, millivolt- meters, ammeters, milliammeters and voltameters	Model EN-2	ENR/15-2/065	General Electric Co., 806 15th St. NW, Washington 5, D. C.
Voltmeters, ammeters, millivoltmeters and milliammeters	Type NPD	ENR/15-2/006	Realty and Indus- trial Corporation Roller-Smith Division 1760 W Market Bethlehem, Pa.
Voltmeters, kilovolt- meters, millivoltmeters, ammeters, milliammeters and voltameters	Model 45	ENR/15-2/017	Weston Electrical Instrument Corp 619 Frelinghuysen Ave., Newark 5, N. J.

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Govt. Designation	Mfr's Designation	Test or Qualification Reference	Mfr's Name and Address
Voltmeter, self-contained, black molded phenolic case Model 622		XN8/15-2/493	
<u>Grade - NSA-P</u>			
Voltmeters and ammeters	Model DP-3	XN8/15-2/292	General Electric Co.
Milliammeter	Model DP-9	XN8/15-2/509	806 15th St. NW Washington 5, D. C.
Voltmeter	Model DP-9	XN8/15-2/2500	
Microammeter, black molded phenolic case	Model DP-9	XN8/15-2/2532	
Ammeter, black molded phenolic case	Model DP-9	XN8/15-2/2534	
Milliammeter - self-contained - range 0-100, steel case - portable	Steel-Six Contained	XN28/15-2/3180	Realty and Industrial Corporation Holler-Smith Division 1760 W. Market Bethlehem, Pa.
Voltmeters, self-contained, range 0-750 volts, steel case	Steel-Six	XN28/15-2/3185	
Ammeter range 0-100 amperes with 50 millivolt external shunt - steel case	Steel-Six	XN28/15-2/3193	
Ammeters, self-contained, range 0 to 5 amperes, steel case	Steel-Six	NY 4247-D-7B Bu ltr. 869-(1) (335), 11/25/44	
Voltmeter, ammeter, and milliammeters	Type PX-4	XN8/15-2/236	Westinghouse Electric Corporation 1625 K St. NW Washington 6, D.C.

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Govt. Designation	Mfr's Design- nation	Test or Qualifi- cation Reference	Mfr's Name and Address
Voltmeter, ammeter, milliammeter, and millivoltmeter	Type PX-5	EN8/15-2/411	
Voltmeters and ammeters	Model 430	EN8/15-2/276	Weston Electrical Instrument Corp 619 Frelinghuysen Ave. Newark 5, N.J.
<u>STANDARD TYPE -</u>			
<u>A</u>			
4-1/2-inch diameter, 1-1/2" rectangular case	Type AB-12	EN28/15-2/3089	General Electric Co. 806 15th St., NW Washington 5, D.C.
Voltmeters self-con- tained or with external resistors, 4-1/2" rec- tangular (90 degree scale) switchboard Navy Glass MI shockproof, semi-flush mounting, dustproof and moisture- proof, black metal case with phenolic molded back plate, frequency range 5-15 cycles per second			
Voltmeters and ammeters of 6-inch by 8-1/2 inch horizontal edgewise front of board mounting (back connected), metal case, dustproof and moisture- proof.	Type AM-12	EN8/15-2/270	

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Govt. Designation	Mfr's Designation	Test or Qualification Reference	Mfr's Name and Address
Voltmeter, ammeters, 6-inch rectangular, metal case, front of board and flush mounting (back connected), dustproof and moistureproof, 15-100 cycles.	Types AD-6 and AD-7	EN8/15-2/2554	
Voltmeters, ammeters, millivoltmeters, milliammeters, 4-1/2-inch rectangular, flush mounting (back connected) dustproof and moistureproof, molded phenolic case (black) shielded, 25-125 cycles (240 degree scale).	Types AB-10 and AB-13	EN8/15-2/2610	
Voltmeters, ammeters, millivoltmeters and milliammeters, 6-inch rectangular, front of board mounting (back connected), metal case, dustproof and moistureproof, 15 to 60 cycles minimum scale range of 100 for millivoltmeters and milliammeters.	Type ERA	EN8/15-2/2394	Realty and Industrial Corporation Holler-Smith Division 1960 W Market Bethlehem Pa.
Voltmeter, 4-1/2" rectangular (240 degree scale), vitreous Navy Glass MI shockproof, noncorrosive mounting, dustproof and moistureproof, black metal case with phenolic molded back plate, frequency range 25 to 125 cycles	Type EA-24	EN28/15-2/3076	Westinghouse Electric Corporation 1625 K St NW Washington 6 D C

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Govt. Designation	Mfr's Design- nation	Test or Qualifi- cation Reference	Mfr's Name and Address
Ammeters, 4-1/2" rec- tangular (240 degrees scale), switchboard Navy Class III shockproof, semi-flush mounting, dustproof and moisture- proof, black metal case with phenolic molded back plate, frequency range 25 to 125 cycles	Type EA-24	EN28/15-2/3077	
Voltmeters and ammeters, 4-1/2-inch diameter round, front of board mounting (back connected), dustproof and moisture- proof, metal case	Type DV-2	EN8/15-2/515	
Voltmeters and ammeters of 6-inch rectangular, front of board mounting (back connected) metal case, dustproof and moistureproof, having frequency range of 15 to 100 cycles	Type EA	EN8/15-2/233	
Voltmeters, rectifier type, 6" rectangular switch- board type; front of board, narrow and wide flange, flush mounting, metal cases, back connected, dustproof and moisture- proof	Type NO-25 NO-25 NO-25	EN28/15-2/3106	
Voltmeters and ammeters of the 6-inch rectangular, front of board semi-flush and flush mounting (back connected), metal case, dustproof and moisture- proof, 15 to 100 cycles frequency range	Model 496	EN8/15-2/127a	Weston Electrical Instrument Corp. 619 Prellinghausen Ave. Newark 5, N.J.

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Govt. Designation	Mfr's Design- nation	Test or Qualifi- cation Reference	Mfr's Name and Address
Voltmeters and ammeters, 4-1/2" rectangular (con- ventional scale), semi- flush mounting, black combination phenolic molded and metal cases, dustproof and moisture- proof; frequency range 25-125 cycles	Model 610	Buships lot 869- 1 (DX-3), 3/17/41 and 3/15/41, and JJ17-I-12 (535), 10/27/43	
<u>SWITCHBOARD TYPE-</u>			
A.C.			
<u>7-1/2-inch diameter</u> <u>round</u>			
Voltmeters and ammeters, metal case, dustproof and moistureproof, front or board mounting and flush mounting (as required) 15 to 100 cycles (frequency range)	Types SAR-4 SAR-5 SAR-6	ENR/15-2/128	General Electric Co., 806 15th St NY Washington 5, DC
Self-contained (voltmeters and ammeters, front or board mounting (back connected), metal case, dustproof and moisture- proof, 1000 cycles	Type SA	ENR/15-2/252	Realty and Indust- rial Corporation Roller-Smith Division 1760 W Market Bethlehem Pa
Voltmeters and ammeters, front of board mounting (back connected) metal case, dustproof and moistureproof, 15 to 100 cycles	Model 468	ENR/15-2/077	Weston Electrical Instrument Corp 619 Frelinghuysen Ave. Newark 5 N J

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Self-contained voltmeters and ammeters, front of board mounting (back connected), metal case, dustproof and moisture-proof, 15 to 100 cycles frequency range Model 260 EN8/15-2/138

Self-contained voltmeters and ammeters; front of board mounting (back connected), metal case, dustproof and moistureproof, 15 to 100 cycles frequency range Model 156 EN8/15-2/156

SWITCHBOARD TYPE

P.C.

8-1/2-inch diameter round

Self-contained ammeters and milliammeters, flush mounting, insulating case, dustproof and moisture-proof Type DW EN8/15-2/057 General Electric Co. 806 15th St. NW Washington 5 D C

Self-contained voltmeters, flush mounting, insulating case, dustproof and moistureproof Type DW EN8/15-2/058

Self-contained voltmeters, flush mounting, insulating case, dustproof and moistureproof Type DW EN8/15-2/059

Ammeter, milliammeter and voltmeter, insulating case, dustproof and moistureproof Type DW EN8/15-2/374

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Govt. Designation	Mfr's Design- nation	Test or Qualifi- cation Reference	Mfr's Name and Address
Self-contained voltmeters, flush mounting, metal case, dustproof and moistureproof	Model 56	XN28/L5-2/571	Hickok Electrical Instrument Co. 1051½ DuPont Ave Cleveland Ohio
SWITCHBOARD TYPE - D C			
4-1/2-inch diameter, 4-1/2-inch rectangular NEMA 6-1940 MOUNTING	Type DD-6 DD-7	XN8/L5-2/159a	General Electric Co 806 15th St NW Washington 5 D C
Voltmeters, ammeters, or the 6" rectangular, front of board and semi-flush mounting (back connected), metal case, dustproof and moistureproof	Type DB-10 and DB-13	XN8/L5-2/2611	
Voltmeters, ammeters (self-contained and external shunt) millivoltmeters, milliam- meters, D C 4-1/2-inch rectangular, flush mounting (back connected), dustproof and moistureproof, molded phenolic case (black), shielded (240 degree scale)	Type DE-12	XN8/L5-2/269	
Voltmeters and ammeters or 6" by 6-1/2" horizontal edgeswise, front of board mounting (back connected), metal case, dustproof and moistureproof	Type DE-12	XN28/L5-2/3093	
Ammeters with external shunts, 4-1/2" rectangular (240 degree scale) switchboard, Navy Class II shockproof, semi- flush mounting, dustproof and moistureproof, black metal case with phenolic molded back plate			

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Govt. Designation	Mfr's Designation	Test or Qualification Reference	Mfr's Name and Address
Ammeters, self-contained, 4-1/2" rectangular (240 degree scale) switchboard, Navy Class II shockproof semi-flush mounting, dustproof and moistureproof, black metal case with phenolic molded back plate	Type IB-12	EN28/15-2/3092	
Voltmeters, 4-1/2" rectangular (240 degree scale) switchboard, Navy Class II shockproof semi-flush mounting, dustproof and moistureproof, black metal case with phenolic molded back plate	Type IB-12	EN28/15-2/3091	
Ammeters (with external shunt), 6" rectangular, front of board mounting (back connected), metal case, dustproof and moistureproof	Model S-12	EN28/L5-2/2655	Kiekok Electrical Instrument Co 10514 Dupont Ave Cleveland Ohio
Voltmeters, ammeters, millivoltmeters, and milliammeters of the 6-inch rectangular, front of board mounting (back connected), metal case, dustproof and moistureproof, minimum scale range of 50 for milliammeters and millivoltmeters	Model KND	EN3/15-2/226A	Realty and Industrial Corporation Roller-Smith Division 1760 W Market Bethlehem Pa

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Govt Designation	Mfr's Design- nation	Test or Qualifi- cation Reference	Mfr's Name and Address
Ammeter, 6-inch rec- tangular D C switchboard with external shunt, dustproof and moisture- proof metal case	Type KHD	EN28/15-2/3210	
Voltmeter - self-contained, 6-inch rectangular, metal case, front of board mounting, dustproof and moistureproof	Type KHD	EN28/15-2/3209	
Voltmeters of the 4-1/2" diameter round, front of board mounting (back connected), metal case, dustproof and moisture- proof, external multi- plier	Model IX	EN28/15-2/265	Westinghouse Elec- tric Corporation 1625 K St NW Washington 6 D C
Voltmeters, 4-1/2" rectangular (240 degree scale), switchboard Navy Glass XI shockproof, semi-flush mounting, dustproof and moistureproof black metal case with phenolic molded back plate	Type IX-24	EN28/15-2/3078	
Ammeters (with external shunts), 4-1/2" rectangu- lar (240 degree scale), switchboard Navy Glass XI, shockproof, semi-flush mounting, dustproof and moistureproof, black metal case with phenolic molded back plate	Type IX-24	EN28/15-2/3079	

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Govt. Designation	Mfr's Desig- nation	Test or Qualifi- cation Reference	Mfr's Name and Address
Voltmeters and ammeters with external shunts, 6" rectangular switchboard type; front of board, narrow and wide flanges flush mounting, metal cases, back connected, dustproof and moisture- proof	Type UX-25 XI-25 XI-25	EN8/15-2/222a	
Voltmeters, ammeters, millivoltmeters and milliammeters of the 4-1/2" diameter round, front of board and flush mounting (back connected), metal and insulating cases, dustproof and moistureproof	Model 451 643	EN8/15-2/088	Weston Electrical Instrument Corp 619 Frelinghuysen Ave Newark 5 N.J.
Voltmeters and ammeters of the 6" rectangular, front of board semi-flush and flush mounting (back connected), metal case, dustproof and moisture- proof	Model 502	EN8/15-2/122a	
Self-contained voltmeters and ammeters of the 4-1/2" diameter round, front of board and flush mounting (back connected), metal and insulating cases, dustproof and moistureproof	Model 429	EN8/15-2/248	
Voltmeters and ammeters with external shunts, 4-1/2" rectangular (con- ventional scale) semi- flush mounting black combination phenolic molded and metal cases dustproof and moisture- proof	Model 610	Bushings lot 869-1 (DTS-5), 3/27/41 and 2/13/42; and JJ7-X-12 (335), 10/27/43	

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<u>7-1/2 inch diameter</u>			
Voltmeters, millivoltmeters, ammeters and milliammeters, front of board mounting (back connected), metal case, dustproof and moistureproof	Type D-9	ME8/15-2/066	General Electric Co 806 15th St NW Washington 5 D C
Voltmeters, millivoltmeters, ammeters and milliammeters, front of board mounting (back connected), metal case, dustproof and moistureproof	Type DR-2	ME8/15-2/085	
Voltmeters, ammeters, millivoltmeters and milliammeters, front of board mounting (back connected) metal case, watertight (submersible)	Type E-8	ME8/15-2/072	Realty and Industrial Corporation Roller-Smith Division 1760 W Market Bethlehem Pa
Voltmeters and ammeters, front of board mounting (back connected), metal case, dustproof and moistureproof	Type EHD	ME8/15-2/198	
Voltmeters and ammeters, front of board mounting (back connected), metal case, dustproof and moistureproof	Type EIM	ME8/15-2/264	Westinghouse Electric Corporation 1625 N St NW Washington 6 D C

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Govt. Designation	Mfr's Design- nation	Test or Qualifi- cation Reference	Mfr's Name and Address
Voltmeters and ammeters, front of board mounting (back connected), metal case, dustproof and moistureproof	Model 24	EN8/15-2/069	Weston Electrical Instrument Corp 619 Frelinghuysen Ave Newark 5 N J
Voltmeters and ammeters, front of board mounting (back connected) metal case, watertight (submersible)	Model 467	EN8/15-2/076	
Voltmeters, front of board mounting (special watertight connection box), metal case, watertight-(submersible)	Model 493	EN8/15-2/078	
Voltmeters, front of board mounting (back connected), metal case, dustproof and moisture- proof	Model 252	EN8/15-2/125	

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