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EQUIPMENT WIRE FOR USE IN FIELD AND BASE WORKSHOPS

Errata

Note: This Page 0, Issue 1 is to be filed immediately in front of Page 1, Issue 3 dated Apr 74.

1. The following amendments must be made to the regulation.

2. Page 2, para 5.a.

Delete: 'The four digit American-British-Canadian Supply Classification class code - 6145, followed by:'

Insert: 'The 13 digit NATO coding structure, starting off with the four digit Group and Class Classification - 6145, followed by:'

4276(ii)/Tels

CONDITIONS OF RELEASE

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EQUIPMENT WIRE FOR USE IN FIELD AND BASE WORKSHOPS

Note: These Pages 1-21, Issue 3 supersede Pages 1 and 1001-1005, Issue 2 dated 15 Jan 63. The regulation has been revised throughout.

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INTRODUCTION

1. The purpose of this regulation is to provide the necessary information to allow workshops to demand the correct types of wire for the repair of electronic equipment.

2. As a general rule, field workshops will only use yellow equipment wire or bare tinned copper wire, where appropriate. This will greatly reduce the types of wire to be supplied and the amount of yellow wire in an equipment will also give an indication of the extent to which it has been repaired since the last base overhaul.
3. Where copper braids or complete cableforms need replacing, reference should be made to the identification list relevant to the equipment.
4. All of the imperial sizes of equipment wire listed in this regulation are to Defence Specification DEF-12D dated Jun 67 which has now been superseded by Defence Standard 61-12. This Standard contains all necessary technical information and is the definitive specification for equipment wires of metric size.

VAOS CATALOGUE NUMBERS

5. The VAOS catalogue number for a wire specified in this regulation is made up as follows:
 - a. The four digit American-British-Canadian Supply Classification class code - 6145, followed by:
 - b. The two digit national code for Great Britain - 99, followed by:
 - c. The appropriate item identification number as shown in Tables 3-10 of this regulation, eg 910-0120.
6. The number must always be written in full, and then identified by the name, type, colour and conductor details, eg 6145-99-910-0120 Wire, electrical equipment type 2S, red, 7/.0076 in.

UNITS OF WIRE ISSUE

7. The unit of issue for imperial sizes of equipment wire is yards, for metric sizes it is metres. However wire is sometimes issued by weight, as is the case with bare tinned copper wire. The unit of issue, until further notice is then pounds weight both for imperial and equivalent metric sizes.

Note: Demands for imperial wire sizes are to continue until such times as stocks are exhausted whereupon the equivalent metric sizes are to be demanded.

TABLES - GENERAL

8. All Tables apart from numbers 9 and 10, list the VAOS catalogue numbers of the standard ranges of equipment wire by type number (Table 1) and conductor detail. The number of strands and their nominal diameter is given first in imperial measurements followed by the metric version selected to ensure interchangeability and which will eventually supersede the former.
9. Tables 9 and 10 list the standard ranges of equipment wires, single coloured and bi-coloured, consisting of solid or stranded silver plated copper conductors, and insulated with PTFE. Types A, B and C differ in their maximum rated working voltage and overall diameter. Types AS, BS and CS consist of types A, B or C respectively to which has been added a braided

screen of silver plated copper wire. Types BSM and CSM consist of type BS or CS wires respectively to which has been added a PTFE sheath of the same colour as the underlying insulation.

Table 1 - Types of equipment wire

Type No	Type of insulation and covering	Max wkg volts		Wkg temp °C	
		R.M.S. volts (Note 1)	D.C. volts (Note 2)	Min	Max
2	Hard grade, PVC insulated, medium wall	1000	-	-15	+ 85
2S	As type 2, but screened	1000	-	-15	+ 85
2SM	As type 2S, but with a PVC sheath	1000	-	-15	+ 85
3	General purpose, PVC insulated, thick wall	1500	-	-20	+ 85
3S	As type 3, but screened	1500	-	-20	+ 85
3SM	As type 3S with PVC sheath	1500	-	-20	+ 85
4	Grade 2N, Polythene insulated	1500	-	-50	+ 85
4S	As type 4, but screened	1500	-	-50	+ 85
5	Silicone rubber insulated	750	-	-60	+150
5S	As type 5, but screened	750	-	-60	+150
6	PTFE insulated	1000	-	-75	+250
6S	As type 6, but screened	1000	-	-75	+250
7	General purpose, PVC insulated	-	3000	-20	+ 85
8	General purpose, PVC insulated	-	5000	-20	+ 85
9	General purpose, PVC insulated	-	10000	-20	+ 85
10	General purpose, PVC insulated	-	15000	-20	+ 85
11	Grade 2N, Polythene insulated	-	7500	-50	+ 85
12	Grade 2N, Polythene insulated	-	15000	-50	+ 85
13	Grade 2N, Polythene insulated	-	30000	-50	+ 85
14	Silicone rubber insulated	-	12000	-60	+150

Note: 1. These voltages are based on average conditions of wire life.

2. Primarily for cathode ray tubes.

Table 2 - Current ratings of metric conductors

Conductor (Note 1)	Current (amps) (Note 2)
1/0.4 mm	0.8
7/0.2 mm	1.4
1/0.6 mm	1.8
16/0.2 mm	3.0
1/0.8 mm	3.0
1/0.9 mm	4.0
24/0.2 mm	4.5
1/1.13 mm	6.0
32/0.2 mm	6.0
63/0.2 mm	11.0

Note: 1. Indicates the number and nominal diameter of wires in conductor.

2. The current ratings quoted give a temperature rise of about 15°C at an ambient temperature of 70°C, for single PVC and polythene insulated wires.

Table 3 - VAOS Catalogue Nos for single colour unscreened equipment wire

VAOS No and designation: Y3/6145-99- - .		Wire, electrical equipment, type											(Insert No type, conductor and colour)
Type No (See Table 1)	Conductor (See Note)	Red	Blue	Green	Yellow	Black	White	Brown	Violet	Orange	Grey	Pink	Natural
1	1/.0148 1/0.4	910-0101 111-8676	910-0102 111-8696	910-0103 111-8716	910-0104 111-8736	910-0105 111-8756	942-4043 111-8776	942-4039 111-8796	942-4042 111-8816	942-4041 111-8836	942-4040 111-8856	910-0106 111-8876	-
1	1/.024 1/0.6	910-0107 111-8677	910-0108 111-8697	910-0109 111-8717	910-0110 111-8737	910-0111 111-8757	942-4052 111-8777	942-4046 111-8797	942-4051 111-8817	942-4049 111-8837	942-4048 111-8857	910-0112 111-8877	-
1	7/.0076 7/0.2	942-4065 111-8678	942-4057 111-8698	942-4060 111-8718	942-4071 111-8738	942-4055 111-8758	942-4068 111-8778	942-4059 111-8798	942-4067 111-8818	942-4063 111-8838	942-4062 111-8858	942-4064 111-8878	-
2	1/.0148 1/0.4	910-0125 111-8679	910-0126 111-8699	910-0127 111-8719	910-0128 111-8739	910-0129 111-8759	910-0130 111-8779	910-0131 111-8799	910-0132 111-8819	910-0133 111-8839	910-0134 111-8859	910-0135 111-8879	-
2	1/.024 1/0.6	910-0136 111-8680	910-0137 111-8700	910-0138 111-8720	910-0139 111-8740	910-0140 111-8760	910-0141 111-8780	910-0142 111-8800	910-0143 111-8820	910-0144 111-8840	910-0145 111-8860	910-0146 111-8880	-
2	1/.036 1/0.9	910-0147 111-8681	910-0148 111-8701	910-0149 111-8721	910-0150 111-8741	910-0151 111-8761	910-0152 111-8781	910-0153 111-8801	910-0154 111-8821	910-0155 111-8841	910-0156 111-8861	910-0157 111-8881	-
2	7/.0076 7/0.2	910-0164 111-8682	910-0165 111-8702	910-0166 111-8722	910-0167 111-8742	910-0168 111-8762	910-0169 111-8782	910-0170 111-8802	910-0171 111-8822	910-0172 111-8842	910-0173 111-8862	910-0174 111-8882	-
2	14/.0076 16/0.2	910-0175 111-8683	910-0176 111-8703	910-0177 111-8723	910-0178 111-8743	910-0179 111-8763	910-0180 111-8783	910-0181 111-8803	910-0182 111-8823	910-0183 111-8843	910-0184 111-8863	910-0185 111-8883	-
2	23/.0076 24/0.2	910-0186 111-8684	942-4086 111-8704	942-4087 111-8724	910-0187 111-8744	910-0188 111-8764	910-0189 111-8784	910-0190 111-8804	942-4090 111-8824	942-4089 111-8844	942-4088 111-8864	910-0191 111-8884	-
3	1/.024 1/0.6	942-4094 111-8685	910-0215 111-8705	910-0216 111-8725	910-0217 111-8745	910-0218 111-8765	910-0219 111-8785	942-4091 111-8805	942-4095 111-8825	942-4093 111-8845	942-4092 111-8865	910-0220 111-8885	-
3	1/.044 1/1.13	942-4104 111-8686	942-4098 111-8706	942-4100 111-8726	942-4107 111-8746	942-4097 111-8766	942-4106 111-8786	942-4099 111-8806	942-4105 111-8826	942-4102 111-8846	942-4101 111-8866	942-4103 111-8886	-
3	14/.0076 16/0.2	942-4111 111-8687	910-0221 111-8707	910-0222 111-8727	910-0223 111-8747	910-0224 111-8767	910-0225 111-8787	942-4108 111-8807	942-4112 111-8827	942-4110 111-8847	942-4109 111-8867	910-0226 111-8887	-
3	23/.0076 24/0.2	942-4120 111-8688	942-4114 111-8708	942-4116 111-8728	942-4123 111-8748	942-4113 111-8768	942-4122 111-8788	942-4115 111-8808	942-4121 111-8828	942-4118 111-8848	942-4117 111-8868	942-4119 111-8888	-
3	40/.0076 32/0.2	910-0227 111-8689	942-4125 111-8709	942-4126 111-8729	942-4130 111-8749	942-4124 111-8769	910-0228 111-8789	910-0229 111-8809	942-4129 111-8829	942-4128 111-8849	942-4127 111-8869	910-0230 111-8889	-
3	70/.0076 63/0.2	910-0231 111-8690	942-4132 111-8710	942-4133 111-8730	942-4137 111-8750	942-4131 111-8770	910-0232 111-8790	910-0233 111-8810	942-4136 111-8830	942-4135 111-8850	942-4134 111-8870	910-0234 111-8890	-
4	1/.036 1/0.9	942-4138 111-8691	910-0236 111-8711	910-0237 111-8731	910-0238 111-8751	910-0239 111-8771	910-0240 111-8791	901-2569 111-8811	901-2570 111-8831	901-2571 111-8851	901-2572 111-8871	910-0241 111-8891	-
4	14/.0076 16/0.2	942-4142 111-8692	910-0242 111-8712	910-0243 111-8732	910-0244 111-8752	910-0245 111-8772	910-0246 111-8792	942-4139 111-8812	942-4143 111-8832	942-4141 111-8852	942-4140 111-8872	910-0247 111-8892	-

Table 3 - (Cont)

VAOS No and designation: Y3/6145-99- -		Wire, electrical equipment, type											(Insert No type, conductor and colour)	
Type No (See Table 1)	Conductor (See Note)	Red	Blue	Green	Yellow	Black	White	Brown	Violet	Orange	Grey	Pink	Natural	
5	1/.036 1/0.9	942-4147 111-8693	910-0250 111-8713	910-0251 111-8733	910-0252 111-8753	910-0253 111-8773	910-0254 111-8793	942-4144 111-8813	942-4148 111-8833	942-4146 111-8853	942-4145 111-8873	910-0255 111-8893	-	
5	14/.0076 16/0.2	942-4152 111-8694	910-0256 111-8714	910-0257 111-8734	910-0258 111-8754	910-0259 111-8774	910-0260 111-8794	942-4149 111-8814	942-4153 111-8834	942-4151 111-8854	942-4150 111-8874	910-0261 111-8894	-	
5	40/.0076 32/0.2	942-4154 111-8695	910-0262 111-8715	910-0263 111-8735	910-0264 111-8755	910-0265 111-8775	910-0266 111-8795	901-2797 111-8815	901-2798 111-8835	901-2799 111-8855	901-2800 111-8875	910-0267 111-8895	-	
6	1/.036 1/0.9	942-4245 -	942-4242 014-9445	942-4244 014-9446	942-4246 014-9447	901-2573 -	910-0270 014-9448	942-4243 -	901-2574 014-9449	901-2575 -	901-2576 -	901-2577 014-9450	-	
7	14/.0076 16/0.2	942-4155 111-8896	-	-	-	-	-	-	-	-	-	-	901-2802 111-8904	
8	14/.0076 16/0.2	942-4156 111-8897	-	-	-	-	-	-	-	-	-	-	901-2803 111-8905	
9	23/.0076 24/0.2	942-4157 111-8898	-	-	-	-	-	-	-	-	-	-	901-2804 111-8906	
10	23/.0076 24/0.2	942-4158 111-8899	-	-	-	-	-	-	-	-	-	-	901-2805 111-8907	
11	14/.0076 16/0.2	901-2801 111-8900	-	-	-	-	-	-	-	-	-	-	901-4159 111-8908	
12	1/.029 1/0.8	901-2773 111-8901	-	-	-	-	-	-	-	-	-	-	942-4160 111-8909	
13	1/.029 1/0.8	901-2776 111-8902	-	-	-	-	-	-	-	-	-	-	942-4161 111-8910	
14	23/.0076 24/0.2	942-4162 111-8903	-	-	-	-	-	-	-	-	-	-	901-2806 111-8911	

Note: The conductor detail and catalogue numbers for each Type No are given first for the imperial dimensioned wire then followed by the superseding metric version.

Table 4 - VAOS Catalogue Nos for bi-colour unscreened equipment wire

VAOS No and designation: Y3/6145-99- - .		Wire, electrical equipment, type											(Insert No type, conductor and colour)	
Type No	Conductor	<u>Red</u> Blue	Red <u>Green</u>	<u>Red</u> Black	Red <u>White</u>	<u>Red</u> Brown	Red <u>Orange</u>	Red <u>Grey</u>	Blue <u>Green</u>	Blue <u>White</u>	Blue <u>Brown</u>	Blue <u>Orange</u>	Blue <u>Grey</u>	Green <u>Yellow</u>
1	1/.024 1/0.6	943-7850 111-8913	943-7852 111-8922	943-7854 111-8931	942-4050 111-8940	901-2590 111-8949	943-7857 111-8958	901-2591 111-8967	901-2592 111-8976	942-4045 111-8985	901-2593 111-8994	943-7862 111-9003	901-2594 111-9012	- 114-1787
1	7/.0076 7/0.2	943-7851 111-8914	943-7853 111-8923	943-7855 111-8932	942-4066 111-8941	943-7856 111-8950	943-7858 111-8959	943-7859 111-8968	943-7860 111-8977	942-4058 111-8986	943-7861 111-8995	943-7863 111-9004	943-7864 111-9013	- 114-1788
2	14/.0076 16/0.2	942-4080 111-8919	942-4081 111-8928	942-4079 111-8937	942-4083 111-8946	943-7865 111-8955	942-4082 111-8964	943-7866 111-8973	943-7867 111-8982	942-4075 111-8991	943-7868 111-9000	942-4074 111-9009	943-7869 111-9018	- 114-1793
Type No	Conductor	<u>Green</u> Black	Green <u>White</u>	Green <u>Orange</u>	<u>Green</u> Brown	Green <u>Grey</u>	Black <u>White</u>	Black <u>Orange</u>	<u>White</u> Brown	<u>White</u> Orange	<u>White</u> Grey	Brown <u>Grey</u>	<u>Orange</u> Brown	<u>Orange</u> Grey
1	1/.024 1/0.6	943-7870 111-9021	942-4047 111-9030	943-7872 111-9039	901-2595 111-9048	901-2596 111-9057	942-4044 111-9066	943-7876 111-9075	942-4053 111-9084	942-4054 111-9093	901-2597 111-9102	901-2598 111-9111	901-2599 111-9120	901-2600 111-9129
1	7/.0076 7/0.2	943-7871 111-9022	942-4061 111-9031	943-7873 111-9040	943-7874 111-9049	943-7875 111-9058	942-4056 111-9067	943-7877 111-9076	942-4069 111-9085	942-4070 111-9094	943-7878 111-9103	943-7879 111-9112	943-7880 111-9121	943-7881 111-9130
2	14/.0076 16/0.2	942-4076 111-9027	942-4078 111-9036	942-4077 111-9045	943-7882 111-9054	943-7883 111-9063	942-4073 111-9072	942-4072 111-9081	942-4084 111-9090	942-4085 111-9099	943-7884 111-9108	943-7885 111-9117	943-7886 111-9126	943-7887 111-9135

Note: The colour underlined indicates the base colour.

Table 5 - VAOS Catalogue Nos for tri-colour unscreened equipment wire

VAOS No and designation: Y3/6145-99- - .		Wire, electrical equipment, type										(Insert No type, conductor and colour)
Type No	Conductor	Red. Blue <u>Green</u>	Red Blue <u>White</u>	<u>Red</u> Blue Brown	Red Blue <u>Orange</u>	Red Blue <u>Grey</u>	Red Green <u>White</u>	Red <u>Green</u> Brown	Red Green <u>Grey</u>	Red Brown <u>White</u>	Red Brown <u>Grey</u>	
1	7/.0076 7/0.2	943-7888 111-9139	943-7889 111-9148	943-7890 111-9157	943-7891 111-9166	943-7892 111-9175	943-7893 111-9184	943-7894 111-9193	943-7895 111-9202	943-7896 111-9211	943-7897 111-9220	
2	14/.0076 16/0.2	943-7907 111-9144	943-7908 111-9153	943-7909 111-9162	943-7910 111-9171	943-7911 111-9180	943-7912 111-9189	943-7913 111-9198	943-7914 111-9207	943-7915 111-9216	943-7916 111-9225	

Table 5 - (Cont)

VAOS No and designation: Y3/6145-99- - .		Wire, electrical equipment, type									(Insert No type, conductor and colour)
Type No	Conductor	<u>Red Orange</u> Green	<u>Red Orange</u> White	<u>Red Orange</u> Brown	<u>Red Orange</u> Grey	<u>Red Grey</u> White	<u>Blue Green</u> White	<u>Blue Brown</u> White	<u>Blue Orange</u> White	<u>Blue Grey</u> White	-
1	7/.0076 7/0.2	943-7898 111-9229	943-7899 111-9238	943-7900 111-9247	943-7901 111-9256	943-7902 111-9265	943-7903 111-9274	943-7904 111-9283	943-7905 111-9292	943-7906 111-9301	- -
2	14/.0076 16/0.2	943-7917 111-9234	943-7918 111-9243	943-7919 111-9252	943-7920 111-9261	943-7921 111-9270	943-7922 111-9279	943-7923 111-9288	943-7924 111-9297	943-7925 111-9306	- -

Note: The colour underlined indicates the base colour.

Table 6 - VAOS Catalogue Nos for screened equipment wire

VAOS No and designation: Y3/6145-99- - .		Wire, electrical equipment, type										(Insert No type, conductor and colour)
Type No	Conductor	Red	Blue	Green	Yellow	Black	White	Brown	Violet	Orange	Grey	Pink
2S	7/.0076 7/0.2	910-0192 111-9308	910-0193 111-9317	910-0194 111-9326	910-0195 111-9335	910-0196 111-9344	910-0197 111-9353	910-0198 111-9362	910-0199 111-9371	910-0200 111-9380	910-0201 111-9389	910-0202 111-9398
2S	14/.0076 16/0.2	901-2860 111-9309	901-2350 111-9318	901-2352 111-9327	901-2349 111-9336	901-2348 111-9345	943-9046 111-9354	901-2351 111-9363	901-2861 111-9372	901-2862 111-9381	901-2353 111-9390	942-4163 111-9399
2S	23/.0076 24/0.2	901-2863 111-9310	901-2864 111-9319	901-2865 111-9328	901-2866 111-9337	901-2867 111-9346	943-9093 111-9355	901-0785 111-9364	913-7626 111-9373	901-2869 111-9382	901-2870 111-9391	910-0203 111-9400
3S	14/.0076 16/0.2	901-2871 111-9311	901-2872 111-9320	901-2873 111-9329	901-2874 111-9338	901-2875 111-9347	901-2876 111-9356	901-2877 111-9365	901-2878 111-9374	901-2879 111-9383	901-2880 111-9392	942-4164 111-9401
3S	40/.0076 32/0.2	901-2851 111-9312	901-2882 111-9321	901-2883 111-9330	901-2884 111-9339	901-2885 111-9348	901-2886 111-9357	901-2887 111-9366	901-2888 111-9375	901-2889 111-9384	901-2890 111-9393	910-0235 111-9402
4S	1/.036 1/0.9	901-2777 111-9313	901-2778 111-9322	901-2779 111-9331	901-2780 111-9340	901-2781 111-9349	901-2782 111-9358	901-2783 111-9367	901-2784 111-9376	901-2785 111-9385	901-2786 111-9394	910-0248 111-9403
4S	14/.0076 16/0.2	901-2891 111-9314	901-2892 111-9323	901-2893 111-9332	901-2894 111-9341	901-2895 111-9350	901-2896 111-9359	901-2897 111-9368	901-2898 111-9377	901-2899 111-9386	901-2900 111-9395	910-0249 111-9404
5S	14/.0076 16/0.2	901-2901 111-9315	901-2902 111-9324	901-2903 111-9333	901-2904 111-9342	901-2905 111-9351	901-2906 111-9360	901-2907 111-9369	901-2908 111-9378	901-2909 111-9387	901-2910 111-9396	910-0268 111-9405
5S	40/.0076 32/0.2	901-2911 111-9316	901-2912 111-9325	901-2913 111-9334	901-2914 111-9343	901-2915 111-9352	901-2916 111-9361	901-2917 111-9370	901-2918 111-9379	901-2919 111-9388	901-2920 111-9397	910-0269 111-9406
6S	1/.036	901-2787	901-2788	901-2789	901-2790	901-2791	910-0271	901-2793	901-2794	901-2795	901-2796	901-2792

Table 7 - VAOS Catalogue Nos for screened and sheathed equipment wire

VAOS No and designation: Y3/6145-99- - .		Wire, electrical equipment, type										(Insert No type, conductor and colour)	
Type No	Conductor	Red*	Blue*	Green*	Yellow*	Black*	White*	Brown*	Violet*	Orange*	Grey*	Pink*	*These colours refer to the colour of the core and the colour of the stripe on the sheath.
2SM	14/.0076 16/0.2	942-4172 111-9408	942-4166 111-9411	942-4168 111-9414	942-4175 111-9417	942-4165 111-9420	942-4174 111-9423	942-4167 111-9426	942-4173 111-9429	942-4170 111-9432	942-4169 111-9435	942-4171 111-9438	

Table 8 - VAOS Catalogue Nos for bare tinned copper wire

Imperial		Metric	
Catalogue No Y3/6145-99-	Designation	Designation	Catalogue No Y3/6145-99-
910-2370	Wire, electrical, copper round, tinned, No 10 s.w.g.	Wire, electrical, tinned copper, high conductivity 3.35 mm	-
910-2371	Wire, electrical, copper round, tinned, No 12 s.w.g.	Wire, electrical, tinned copper, high conductivity 2.65 mm	-
910-2372	Wire, electrical, copper round, tinned, No 14 s.w.g.	Wire, electrical, tinned copper, high conductivity 2.0 mm	525-3727
910-2373	Wire, electrical, copper round, tinned, No 16 s.w.g.	Wire, electrical, tinned copper, high conductivity 1.6 mm	525-3726
910-2374	Wire, electrical, copper round, tinned, No 18 s.w.g.	Wire, electrical, tinned copper, high conductivity 1.25 mm	525-3724
910-2375	Wire, electrical, copper round, tinned, No 20 s.w.g.	Wire, electrical, tinned copper, high conductivity 0.9 mm	525-3723
910-2376	Wire, electrical, copper round, tinned, No 22 s.w.g.	Wire, electrical, tinned copper, high conductivity 0.8 mm	525-3722
910-2379	Wire, electrical, copper round, tinned, No 28 s.w.g.	Wire, electrical, tinned copper, high conductivity 0.4 mm	525-3720

Table 9 - VAOS Catalogue Nos for Wire electrical, silver plated copper conductors,
PTFE insulated, single colour

Item No	VAOS number Y3/6145-99-	Type	Number of strands and nom dia of wires forming conductor mm	Colour of insulation	Max rated working voltage r.m.s.	Overall diameter mm		Related imperial wire details	
						Min	Max	Conductor in.	VAOS number Y3/6145-99-
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(j)	(k)
1	014-9369			Red					195-7161
2	014-9370			Blue					195-7162
3	014-9371			Green					195-7163
4	014-9372			Yellow					195-7164
5	014-9373			Black					-
6	014-9374			White	250V	0.58	0.73	7/0.0048	-
7	014-9375		7/0.125	Brown					195-7165
8	014-9376			Violet					195-7166
9	015-1439			Orange					-
10	015-1440			Grey					-
11	014-9377			Pink					-
12	015-1441			Red					943-7174
13	015-1442			Blue					-
14	015-1443			Green					-
15	015-1444			Yellow					-
16	015-1445			Black					943-7176
17	015-1446			White	250V	0.60	0.75	1/0.0148	943-7172
18	015-1447		1/0.4	Brown					943-7175
19	015-1448			Violet					-
20	015-1449			Orange					-
21	015-1450			Grey					-
22	014-9368			Pink					943-7170

Table 9 - (Cont)

(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(j)	(k)
23	014-9378			Red					914-0895
24	014-9379			Blue					914-0896
25	014-9380			Green					914-0897
26	014-9381			Yellow					914-0894
27	014-9382			Black					914-0898
28	014-9383	A	7/0.2	White	250V	0.80	0.95	7/0.0076	913-5409
29	014-9384			Brown					914-0902
30	014-9385			Violet					914-0899
31	014-9386			Orange					914-0900
32	014-9387			Grey					914-0901
33	014-9388			Pink					913-9584
34	014-9389			Red					943-3697
35	014-9390			Blue					943-3947
36	014-9391			Green					970-5526
37	014-9392			Yellow					971-4213
38	014-9393			Black					970-2161
39	014-9394	A	19/0.15	White	250V	0.95	1.10	19/0.006	913-5408 ✓
40	014-9395			Brown					954-1730
41	014-9396			Violet					970-2160
42	014-9397			Orange					-
43	014-9398			Grey					954-1753
44	014-9399			Pink					943-7173
45	014-9400			Red					955-1516
46	014-9401			Blue					955-1436
47	014-9402			Green					-
48	014-9403			Yellow					954-4632
49	014-9404			Black					954-9918
50	014-9405	A	19/0.2	White	250V	1.20	1.35	19/0.0076	914-1071

Note: ✓ This item is also codified under NSN 6145-99-943-3365.

Table 9 - (Cont)

(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(j)	(k)
51	014-9406	A	19/0.2	Brown	250V	1.20	1.35	19/0.0076	955-1930
52	014-9407			Violet					950-4005
53	015-1451			Orange					-
54	015-1452			Grey					-
55	014-9408			Pink					950-4004
56	015-1453	B	7/0.125	Red	500V	0.78	0.98	7/0.0048	914-7208
57	014-9418			Blue					914-7323
58	015-1454			Green					914-7209
59	015-1455			Yellow					914-7210
60	014-9419			Black					914-7211
61	015-1457			White					914-7216
62	015-1458			Brown					914-7217
63	014-9420			Violet					914-7212
64	015-1460			Orange					914-7213
65	015-1461			Grey					914-7214
66	014-9421			Pink					914-7215
67	015-1463	B	1/0.4	Red	500V	0.80	1.00	1/0.0148	-
68	015-1464			Blue					952-5811
69	014-9409			Green					-
70	014-9410			Yellow					-
71	015-1465			Black					-
72	015-1466			White					-
73	015-1467			Brown					-
74	015-1468			Violet					-
75	015-1469			Orange					-
76	015-1470			Grey					-
77	015-1471			Pink					-

Table 9 - (Cont)

(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(j)	(k)
78	014-9422			Red					914-4392
79	015-4013			Blue					946-8204
80	014-9423			Green					914-7913
81	014-9424			Yellow					914-7914
82	014-9425			Black					946-7171
83	014-9426	B	7/0.2	White	500V	1.00	1.20	7/0.0076	914-1046
84	014-9427			Brown					914-7916
85	014-9428			Violet					915-0513
86	014-9429			Orange					914-7917
87	014-9430			Grey					914-7915
88	014-9431			Pink					913-1721
89	014-9411			Red					970-2162
90	014-9412			Blue					970-8199
91	015-1472			Green					-
92	015-1473			Yellow					-
93	014-9413			Black					970-2163
94	014-9414	B	1/0.6	White	500V	1.00	1.20	1/0.024	-
95	014-9415			Brown					915-0521
96	014-9416			Violet					970-8200
97	015-1517			Orange					-
98	015-1518			Grey					-
99	014-9417			Pink					915-0522
100	015-1474			Red					-
101	014-9432			Blue					970-5514
102	015-1475			Green					-
103	014-9433			Yellow					954-9164
104	014-9751			Black					970-5511
105	014-9434	B	19/0.15	White	500V	1.15	1.35	19/0.006	945-3381

Table 9 - (Cont)

(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(j)	(k)
106	015-1476	B	19/0.15	Brown	500V	1.15	1.35	19/0.006	-
107	015-1477			Violet					-
108	014-9435			Orange					954-9165
109	015-1478			Grey					-
110	014-9436			Pink					970-5510
111	014-9437	B	19/0.2	Red	500V	1.40	1.60	19/0.0076	-
112	014-9438			Blue					-
113	014-9439			Green					222-0334 ∅
114	014-9440			Yellow					951-6203
115	014-9557			Black					-
116	014-9441			White					951-6199
117	015-1479			Brown					-
118	014-9442			Violet					952-6527
119	014-9443			Orange					952-6528
120	015-1480			Grey					-
121	014-9444			Pink					946-8203
122	014-9451	C	19/0.15	Red	1000V	1.41	1.67	19/0.006	915-0511
123	015-1486			Blue					-
124	015-1487			Green					-
125	015-1488			Yellow					-
126	014-9452			Black					915-0509
127	015-1489			White					-
128	014-9453			Brown					915-0510
129	015-1490			Violet					-
130	015-1491			Orange					-
131	015-1492			Grey					-
132	014-9454			Pink					-

Note: ∅ This item is also codified under NSN 6145-99-915-2021.

Table 9 - (Cont)

(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(j)	(k)
133	014-9455	C	19/0.2	Red	1000V	1.66	1.92	19/0.0076	-
134	014-9456			Blue					-
135	014-9457			Green					-
136	014-9458			Yellow					-
137	014-9459			Black					-
138	015-1493			White					-
139	015-1494			Brown					-
140	015-1495			Violet					-
141	015-1496			Orange					-
142	014-9460			Grey					-
143	015-1497	Pink	-						
144	015-1481	C	1/0.9	Red	1000V	1.56	1.82	1/0.036	942-4245
145	014-9445			Blue					942-4242
146	014-9446			Green					942-4244
147	014-9447			Yellow					942-4246
148	015-1482			Black					901-2573
149	014-9448			White					910-0270
150	015-1483			Brown					942-4243
151	014-9449			Violet					901-2574
152	015-1484			Orange					901-2575
153	015-1485			Grey					901-2576
154	014-9450	Pink	901-2577						
155	014-9461	C	19/0.3	Red	1000V	2.16	2.46	37/0.0076	944-1822
156	015-1498			Blue					-
157	014-9750			Green					-
158	014-9462			Yellow					-
159	015-1499			Black					-
160	014-9463			White					-

Table 9 - (Cont)

(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(j)	(k)
161	015-1500	C	19/0.3	Brown Violet Orange Grey Pink	1000V	2.16	2.46	37/0.0076	-
162	015-1501								
163	014-9464								
164	015-1502								
165	014-9465								
166	015-1503	AS	7/0.2	Red Blue Green Yellow Black White Brown Violet Orange Grey Pink	250V	0.80	0.95	7/0.0076	-
167	015-1504								
168	015-1505								
169	015-1506								
170	014-9466								
171	015-1507								
172	015-1508								
173	014-9467								
174	015-1509								
175	015-1510								
176	014-9468	914-1999							
177	015-1582	AS	19/0.2	Red Blue Green Yellow Black White Brown Violet Orange Grey Pink	250V	1.60	1.85	19/0.0076	-
178	015-1583								
179	015-1584								
180	015-1585								
181	015-1586								
182	014-9469								
183	015-1587								
184	015-1588								
185	015-1589								
186	015-1590								
187	015-1591								

Table 9 - (Cont)

(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(j)	(k)
188	015-1592			Red					-
189	015-1593			Blue					-
190	015-1594			Green					-
191	015-1595			Yellow					-
192	014-9470			Black					-
193	015-1596	BS	7/0.2	White	500V	1.40	1.70	7/0.0076	-
194	015-1597			Brown					-
195	015-1598			Violet					-
196	015-1599			Orange					-
197	015-1600			Grey					-
198	015-1601			Pink					971-4631
199	014-9471			Red					-
200	015-1511			Blue					-
201	015-1512			Green					-
202	015-1513			Yellow					-
203	014-9472			Black					995-1647
204	014-9473	BS	19/0.15	White	500V	1.80	2.10	19/0.006	-
205	015-1514			Brown					-
206	015-1515			Violet					-
207	015-1516			Orange					-
208	014-9474			Grey					955-1649
209	014-9475			Pink					-

Note: Types AS, BS and CS consist of Types A, B and C respectively to which has been added a braided screen of silver plated copper wires.

Table 9 - (Cont)

(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(j)	(k)
210	014-9476	CS	19/0.2	Blue	1000V	2.06	2.42	19/0.0076	-
211	014-9477	BSM	7/0.2	Pink	500V	1.90	2.30	7/0.0076	193-1737
212	014-9478	BSM	19/0.15	Black	500V	2.05	2.45	19/0.0006	193-1755
213	014-9479			White					193-1756
214	014-9480			Pink					193-1761
215	014-9481	BSM	19/0.2	White	500V	2.30	2.70	19/0.0076	193-1766
216	014-9482	CSM	19/0.2	Pink	1000V	2.56	3.02	19/0.0076	193-1781
217	014-9483	CSM	19/0.3	Pink	1000V	3.06	3.56	37/0.0076	193-1791

Note: Types BSM and CSM consist of Type BS or CS wires respectively to which has been added a PTFE sheath of the same colour as the underlying insulation.

Table 10 - VAOS Catalogue Nos for Wire electrical, silver plated copper conductors,
PTFE insulated, bi-colour single

Item No	VAOS number Y3/6145-99-	Type	Number of strands and nom dia of wires forming conductor mm	Colour of insulation	Max rated working voltage r.m.s.	Overall diameter mm		Related imperial wire details	
						Min (g)	Max (h)	Conductor in. (j)	VAOS number Y3/6145-99- (k)
1	015-1519			White/Red					-
2	015-1520			White/Blue					-
3	015-1521			White/Green					-
4	015-1522			White/Black					-
5	015-1523			White/Orange					-
6	015-1524			White/Brown					-
7	015-1525			Green/Black					-
8	015-1526	A	7/0.2	Green/Orange	250V	0.80	0.95	7/0.0076	-
9	015-1527			Green/Yellow					-
10	015-1528			Black/Orange					-
11	015-1529			Red/Blue					-
12	015-1530			Red/Green					-
13	015-1531			Red/Black					-
14	015-1532			Red/Yellow					-
15	015-1533			Blue/Orange					-
16	015-1534			White/Red					-
17	015-1535			White/Blue					-
18	015-1536	B	7/0.2	White/Green	500V	1.00	1.20	7/0.0076	-
19	015-1537			White/Black					-
20	015-1538			White/Orange					-
21	015-1539			White/Brown					-

Note: In column (e) the first named colour in each combination shall be the base colour.

Table 10 - (Cont)

(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(j)	(k)
22	015-1540	B	7/0.2	Green/Black	500V	1.00	1.20	7/0.0076	-
23	015-1541			Green/Orange					-
24	015-1542			Green/Yellow					-
25	015-1543			Black/Orange					-
26	015-1544			Red/Blue					-
27	015-1545			Red/Green					-
28	015-1546			Red/Black					-
29	015-1547			Red/Orange					-
30	015-1548			Red/Yellow					-
31	015-1549			Blue/Orange					-
32	015-1550			B					19/0.15
33	015-1551	White/Blue	-						
34	015-1552	White/Green	-						
35	015-1553	White/Black	-						
36	015-1554	White/Orange	-						
37	015-1555	White/Brown	-						
38	015-1556	Green/Black	-						
39	015-1557	Green/Orange	-						
40	015-1558	Green/Yellow	-						
41	015-1559	Black/Orange	-						
42	015-1560	Red/Blue	-						
43	015-1561	Red/Green	-						
44	015-1562	Red/Black	-						
45	015-1563	Red/Orange	-						
46	015-1564	Red/Yellow	-						
47	015-1565	Blue/Orange	-						

Note: In column (e) the first named colour in each combination shall be the base colour.

Table 10 - (Cont)

(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(j)	(k)
48	015-1566	c	19/0.2	White/Red	1000V	1.66	1.92	19/0.0076	-
49	015-1567			White/Blue					-
50	015-1568			White/Green					-
51	015-1569			White/Black					-
52	015-1570			White/Orange					-
53	015-1571			White/Brown					-
54	015-1572			Green/Black					-
55	015-1573			Green/Orange					-
56	015-1574			Green/Yellow					-
57	015-1575			Black/Orange					-
58	015-1576			Red/Blue					-
59	015-1577			Red/Green					-
60	015-1578			Red/Black					-
61	015-1579			Red/Orange					-
62	015-1580			Red/Yellow					-
63	015-1581			Blue/Orange					-

Note: In column (e) the first named colour in each combination shall be the base colour