

CAPACITOR REPLACEMENT LIST

E.S. 266 I.L. E.S. 1316 P.L. E.M.E.R./Tels/F. 256/3

(SEPTEMBER 1949)

WIRELESS SETS, No.19, Mk.3
AND
WIRELESS SETS, No.19, Mk.3T

RESTRICTED

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Distribution Code: - No.4 Class 860

ES.266 I.L.
ES.1316 P.L.
F.256/3 E.I.I.E.R.

WIRELESS SETS, NO.19, MK.3, MK.3T, AND ANCILLARY EQUIPMENT

CAPACITOR REPLACEMENT LIST

(Issued pending complete re-write of Parts Lists concerned)

Since the issue of Identification List No. F.S.266 I.L. (Wireless Sets, No.19, Mk.3) E.I.I.E.R. F.256/3 (Wireless Sets No 19, MK.3) and Parts List No. E.S.1316 P.L. (Wireless Sets, No.19 MK.3T) numerous changes have had to be made with regard to spare capacitors held for maintenance purposes. This has been due to the breakdown in use of cardboard tube types, non-availability of the original types used and in the interests of standardisation.

This list enumerates the capacitors which should be used in future for maintenance and is intended to be read in conjunction with the above lists. Item Nos. refer to those quoted in the above lists.

Items indicated by letter P are those for future provision. Items indicated by letters O.A. are satisfactory alternatives to those marked P and will be issued until stocks are exhausted but will not be provided in the future.

Mk.3 Item No. in ES.266 I.L.	Mk.3T Item No. in ES.1316 P.L.	Designation of capacitor to be used	Catalogue No.	Sche- matic Ref.	No. off	Remarks
169	-	CAPACITORS, silv'd. mica, proted., 200-pF., ± 2, 350-V. D.C.wkg., No.1	Z1/ZA.19425	C41A	1	
170	-	CAPACITORS, silv'd. mica, proted., 90-pF., ± 2%, 350-V. D.C.wkg., I.O.1	Z1/ZA.1602	C19A	1	
174	-	CAPACITORS, silv'd. ceramic, disc., 20-pF., ± 20%, 500-V. D.C.wkg., No.1	Z1/ZA.2002	C27	1	
174A	-	CAPACITORS, silv'd. mica, proted., 5-pF., ± 5%, 350-V. D.C.wkg., No.1	Z/Z.125600)	C46	1	
175	-	CONDENSERS, Z.5,F CAPACITORS, variable, 2-gang, 4.5-pF., max., No.1	Z1/ZA.1905) Z1/ZA.10414	C25	1	
185	-	CAPACITORS, mld.cd., mica, stkd. foil, 0.001-uF., ± 20%, 350-V. D.C.wkg., No.4	Z/Z.124479	C26	1	

Item No. in ES.256 I.L.	Item No. in ES.1316 I.L.	Designation of Capacitor to be used	Catalogue No.	Schematic Ref.	No. off	Remarks
275	(P	CAPACITORS, elect., met. tub., 250-uF., + 50 - 20%, 25-V. D.C.wkg., No.1	Z/Z.145300)	-	1	
297	(O.A.	CONDENSERS, 200,C	Z1/ZA.22507)	-	1	
341	(P	CAPACITORS, elect., met. tub., 75-uF., + 50 - 20%, 12-V. D.C.wkg., No.2	Z1/ZA.32992)			
346	(P	CAPACITORS, silvd. mica, protod., 140-pF., ± 2%, 350-V. D.C.wkg., No.4	Z1/ZA.1604)	C13	8	2-off per transformer
352	(P	CAPACITORS, silvd. mica, ceramic, lead, 2-pF., ± 20%, 500-V. D.C.wkg., No.2	Z1/ZA.36676)	C39A	1	
360	(O.A.	CONDENSERS, Z.2,1)	Z1/ZA.14848)			
361	(P	CAPACITORS, semi-fixed, 15-pF., max., No.2	Z1/Z.1605)	C35A	1	
391	(P	CAPACITORS, semi-fixed, 50 + 15-pF., max., No.1	Z1/ZA.14332)	C35 &	1	
392A	(P	CAPACITORS, semi-fixed, 50 + 50-pF., max., No.1	Z1/ZA.21376)	C10A	1	
393A	(P	CAPACITORS, semi-fixed, 50-pF., max., No.8	Z1/ZA.21720)	C10B) C	7	
594	(P	CAPACITORS, mica, pre-mlded., rect., 0.001-uF., ± 10%, 2,500-V. A.C.wkg., No.1	Z1/ZA.2837)	C24	1	
594	(P	CAPACITORS, elect., met. tub., 2-uF., + 50 - 20%, 350-V. D.C.wkg., No.3	Z/Z.145010)	C31	3	
423	(O.A.	CONDENSERS, 2, H.	Z1/ZA.20952)			
482	(P	CAPACITORS, elect., met. tub., 12-uF., + 100 - 20%, 50-V. D.C.wkg., No.1	Z/Z.145280)	C16A, B,C	3	C16C to be insulated from chassis with a suitable length of item 532. (ES.266 I.L.)
483	(P	CAPACITORS, pap., met. tub., C.1-uF., ± 20%, 600-V. D.C.wkg., No.1	Z/Z.115287)	C33	1	
484	(P					

Wk. 3 Item No. in ES.266 I.L.	Wk. 3T Item No. in ES.1316 P.L.	Designation of Capacitor to be used	Catalogue No.	Sche- matic Ref.	No. off	Remarks
486	11	CAPACITORS, pap., met. tub., 0.1-uF., ± 20%, 600-V. D.C.wkg., No.2 (To be insulated with a suitable length of W2/1B.3610. Polythene sheet 0.010-in.) CAPACITORS, pap., met. tub., 0.1-uF., ± 15%, 600-V. D.C.wkg., No.1 CAPACITORS, pap., met. tub., 0.1-uF., ± 20%, 350-V. D.C.wkg., No.12	Z1/Za.36692) Z1/Za.32525) Z/Z.115107	C38A C4	1 8	For C38B see item 682 of this list
487A, B, C	-	CAPACITORS, mlded., mica, stkd. foil, 0.01-uF., ± 10%, 750-V. D.C.wkg., No.1 CONDENSERS, Q.1, AB CAPACITORS, pap., met. tub., 0.01-uF., ± 20%, 750-V. D.C.wkg., No.1 CAPACITORS, pap., met. tub., 0.01-uF., ± 25%, 1,000-V. D.C.wkg., No.1 CAPACITORS, pap., met. tub., 0.02-uF., ± 20%, 200-V. D.C.wkg., No.1	Z/Z.124382) Z1/Za.11065) Z/Z.115282) Z1/Za.32527) Z/Z.115040	C36 C29 C22	1 5 2	Schematic ref. in E.S.1316 P.L. is incorrect
500A B	- -	CAPACITORS, pap., met. tub., 0.05-uF., ± 20%, 350-V. D.C.wkg., No.4 CAPACITORS, pap., met. tub., 0.05-uF., ± 20%, 350-V. D.C.wkg., No.2 CAPACITORS, pap., met. tub., 0.05-uF., ± 20%, 350-V. D.C.wkg., No.3 CAPACITORS, pap., met. tub., 0.05-uF., ± 20%, 350-V. D.C.wkg., No.2	Z/Z.115277) Z1/Z.32528) Z/Z.115284) Z1/Za.32528) Z/Za.124020) Z1/Za.1376)	C45 C42 C30	15 1 2	Schematic ref. in E.S.1316 P.L. is incorrect
501 502A B	10 - -	CAPACITORS, mlded., mica, stkd. foil, 0.001-uF., ± 10%, 350-V. D.C.wkg., No.2 CONDENSERS, P.1, I				

Mk. 3 Item No. in ES. 266 I.L.	Mk. 3T Item No. in ES. 1316 P.L.	Designation of Capacitor to be used	Catalogue No.	Sche- matic Ref.	No. off	Remarks
503	-	P CAPACITORS, mlded. mica, stkd. foil, 0.002-uF., ± 15%, 350-V. D.C.wkg., No.3	Z1/ZA.1700	C20	1	
504	6	P CAPACITORS, pap., met. tub., 0.002-uF., ± 20%, 750-V. D.C.wkg., No.1	Z1/ZA.115280	C17	3	
505	-	P CAPACITORS, mlded., mica, stkd. foil, 0.002-uF., ± 10%, 350-V. D.C.wkg., No.2	Z1/ZA.124143	C12	1	
506	-	(P CAPACITORS, silvd. mica, proted., 0.0022-uF. ± 2%, 350 V. D.C.wkg., No.2 (In conjunction with)	Z1/ZA.126144	C8	1	
		(CAPACITORS, silvd. mica, proted., 0.001-uF., 350-V. D.C.wkg., No.1	Z1/ZA.126009			
507	-	(O.A. CONDENSERS, R.32,A (CAPACITORS, mlded., mica, stkd. foil, (0.005-uF., ± 10%, 750-V. D.C.wkg., No.1 (COND. INJELERS, R.4,F (O.A.	Z1/ZA.11067 Z1/ZA.124306	C1	1	
508	7	P CAPACITORS, pap., met. tub., 0.005-uF., ± 20%, 750-V. D.C.wkg., No.1	Z1/ZA.1706 Z1/ZA.115281	C23	1	
509	-	P CAPACITORS, silvd. mica, proted., 0.005-uF. ± 5%, 350-V., D.C.wkg., No.1	Z1/ZA.126444	C8	1	
510	-	P CAPACITORS, mlded., mica, stkd. foil, 100-pF., ± 10%, 350-V. D.C.wkg., No.1	Z1/ZA.123161	C14	2	
511	5	(P CAPACITORS, silvd. mica, proted., 100-pF., ± 10%, 350-V. D.C.wkg., No.1 (O.A.	Z1/ZA.125245 Z1/ZA.16923	C2	3	
512	-	P CAPACITORS, silvd. mica, proted., 250-pF., ± 5%, 350-V. D.C.wkg., No.1	Z1/ZA.27146	C40	2	
513	-	P CAPACITORS, ml ed., mica, stkd. foil, 500-pF., ± 10%, 350-V. D.C.wkg., No.2	Z1/ZA.123431	C15	10	
514	-	P CAPACITORS, silvd. mica, proted., 500-pF., ± 5%, 350-V. D.C.wkg., No.1	Z1/ZA.15306	C5	1	
515	-	P CAPACITORS, silvd. mica, proted., 500-pF., ± 2%, 350-V. D.C.wkg., No.1	Z1/ZA.11068	C57	1	

Mk.3 Item No.in ES.266 I.L.	Mk.3T Item No.in ES.1316 P.L.	Designation of Capacitor to be used	Catalogue No.	Sche- matic Ref.	No off	Remarks
516	-	(P ((O.A. P CAPACITORS, silvd. mica, protcd., 680-pF., ± 2%, 350-V. D.C.wkg., No.1 CONDENSERS, X.7,B CAPACITORS, silvd. ceramic, disc, 15-pF., ± 3%, 500-V. D.C.wkg., No.1 CAPACITORS, silvd. ceramic, tub., 22-pF., ± 0.5-pF., 500-V. D.C.wkg., No.1 CAPACITORS, silvd. mica, protcd., 45-pF., ± 2%, 350-V. D.C.wkg., No.1 CAPACITORS, silvd. ceramic, tub., 47-pF., ± 0.5-pF., 500-V. D.C.wkg., No.1 CAPACITORS, silvd. ceramic, tub., 51-pF., ± 10%, 500-V. D.C.wkg., No.1 CAPACITORS, silvd. ceramic, cup/disc, 4.7-pF., ± 0.5-pF., 500-V. D.C.wkg., No.1 CONDENSERS, Z.5,G CAPACITORS, semi-fixed, 110-pF., max., No.1 CAPACITORS, semi-fixed, 750-pF., max., No.1 CAPACITORS, pap., met. rect., 1-uF., ± 10%, 750-V. D.C.wkg., No.1 CAPACITORS, elect., met. tub., 30-uF., + 50 - 20%, 350-V. D.C.wkg., No.1 CAPACITORS, pap., met. tub., 0.1-uF., ± 20%, 600-V. D.C.wkg., No.1 CAPACITORS, pap., met. tub., 0.1-uF., ± 20%, 350-V. D.C.wkg., No.8 CAPACITORS, pap., met. tub., 0.02-uF., ± 20%, 200-V. D.C.wkg., No.1	Z/Z.125544) Z1/ZA.1998) Z1/ZA.16142 Z/Z.132275 Z1/ZA.1594 Z/Z.132287) Z1/ZA.27449) Z/Z.131167) Z1/ZA.2005) Z1/ZA.16138) Z1/ZA.2009) Z1/ZA.0911) Z1/ZA.20972 Z/Z.115287 Z/Z.115286 Z/Z.115040	C28 C6 C18A C43 C7A B C21A C34 C11 C44 C32 C38B C4 C22	1 1 1 1 2 1 1 1 1 1 1 3 1	
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