

**RADIO AND RADAR INSTALLATIONS
INSTALLATION OF TELEBRIEF
(A.R.I.18012)**

Ref. No.	Part No.	Description	No. off	Material Specification	Class of Store or L.M	Plate No.
—	—	INSTALLATION OF TELEBRIEF (Drg. Nos. 10-20 R 3559 and 10-20 R 3287)	1	—	—	—
—	—	INSTALLATION AT NAVIGATOR'S RADIO PANEL, CODED "AN"	1	—	—	—
—	—	SWITCHES , coded "H" and "J" (See sub-section ECB)	—	—	—	—
—	—	INSTALLATION AT STARBOARD REAR CONSOLE PANEL, CODED "L"	—	—	—	—
—	—	SWITCHES , coded "H" and "J" (See sub-section ECB)	—	—	—	—
—	—	INSTALLATION AT PANEL, CODED "H"	1	—	—	—
—	—	BLOCK , fuse, coded "CV" (See sub-section ECB)	—	—	—	—
—	—	BLOCKS , terminal, coded "CM" "CR" and "DB" (See sub-section ECB)	—	—	—	—
—	—	SWITCH , audio, Wide Band Homer, coded "DU" (See sub-section NK)	—	—	—	—
—	—	SWITCH , T. Brief-Ext. Intercom., coded "DJ" (See sub-section ECB)	—	—	—	—
—	—	INSTALLATION ON PORT COCKPIT WALL (Drg. No. 10-20 R 3287)	1	—	—	—
—	—	BLOCK , terminal, coded "F," at group coded "CX" (See sub-section NK)	—	—	—	—
—	10-20 R 3407A	CABLE , coded "9.AA.Q-AF.B12, 8.AA.Q-AF.B8, 7.AA.Q-AF.B.3," assembly	1	—	ECC	NG1
—	10-20 R 2547/Mk. 32	CABLE , coded, "5E.AF-H.DB8," assembly	1	—	ECC	NG1
—	10-20 R 2547/Mk. 70	CABLE , coded, "19CM.H-AF.E2," assembly	1	—	ECC	NG1
—	10-20 R 2547/Mk. 71	CABLE , coded, "8CM.H-AF.E10," assembly	1	—	ECC	NG1
—	10-20 R 2547/Mk. 72	CABLE , coded, "17CM.H-AF.E4," assembly	1	—	ECC	NG1
—	10-20 R 2547/Mk. 74	CABLE , coded, "5CM.H-AF.E8," assembly	1	—	ECC	NG1
—	10-20 R 2547/Mk. 81	CABLE , coded, "6CV.H-AF.E2," assembly	1	—	ECC	NG1
—	—	PANEL , relay, coded, "AF" (See sub-section NH)	—	—	—	—
—	—	INSTALLATION AT REAR PRESSURE BULK-HEAD, CODED "Q"	1	—	—	—
—	—	BLOCK , terminal, coded, "AA" (See sub-section NH)	—	—	—	—

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Ref. No.	Part No.	Description	No. off	Material Specification	Class of Store or L.M	Place No.
	—	INSTALLATION AT PORT WING DECK PANEL, CODED "FA" (Drg. Nos. 10-20 N 13521A, and 10-20 N 13301A)	1	—	—	
	DHS.456/20	BLOCK , terminal, 20-way, coded "G," assembly (For breakdown see DHS. Data Sheet)	1	—	—	NG1
14987	10-20 N 8231	Attachments for DHS. 456/20, Block :—				
28W/9419474	SP.15/B	Pillar, fixing, 4 BA	2	—	C	NG2
		Washer	2	—	C	
	10-20 N 13521A/ CABLES	CABLE , link (Pre Mod. 1371)	1	—	ECC	NG1
	—	TERMINAL , earth, station 8, coded "A" (See sub-section EBZ)	—	—	—	
	—	INSTALLATION IN PORT TAIL BOOM (Drg. No. 10-20 R 3555)				
	10-20 R 2547/Mk. 146	CABLE , coded, "1G.FA-M-.RS.A4," assembly ...	1	—	ECC	NG1
	10-20 R 2547/Mk. 147	CABLE , coded, "2G.FA-M+.RS.A5," assembly ...	1	—	ECC	NG1
	10-20 R 2547/Mk. 148	CABLE , coded, "10G.FA-T+.RS.A3," assembly ...	1	—	ECC	NG1
	10-20 R 2547/Mk. 149	CABLE , coded, "4G.FA-T-.RS.A2," assembly ...	1	—	ECC	NG1
	10-20 R 2547/Mk. 150	CABLE , coded, "5G.FA-REL.RS.A6," assembly ...	1	—	ECC	NG1
	10-20 R 2547/Mk. 151	CABLE , coded, "6G.FA-PS.RS.A7," assembly ...	1	—	ECC	NG1
28E/9000882	AS.3180/7B	CLIP , "P," cable securing	1	—	C	
		Attachments for AS.3180/7B, Clip :—				
28D/1008149	A25/2B	Bolt, 4 BA	1	—	C	
28M/10327	AGS.2002/B/1	Nut, 4 BA	1	—	C	
28W/9419465	SP.13/B	Washer	2	—	C	
	28E/14054	CLIP , "P," cable securing	1	—	C	
		Attachments for AS.3180/7C, Clip :—				
28D/9133011	A25/2C	Bolt, 2 BA	1	—	C	
28M/10328	AGS.2002/C/1	Nut, 2 BA	1	—	C	
28W/9419402	SP.13/C	Washer	2	—	C	
	—	PLUG , Telebrief and terminal block, group (Drg. No. 10-20 R 3391)	1	—	—	NG2
	—	BLOCKS , terminal, coded "A," group ...	1	—	—	
	DHS.456/5L	BLOCK , terminal, 5-way, L.H., assembly (For breakdown see DHS. Data Sheet)	1	—	—	NG1
		Attachments for DHS.456/5L, Block :—				
28D/1214867	AS.1246/5B	Bolt, 4 BA	2	—	C	
28M/10287	AGS.2001/B/1	Nut, 4 BA	2	—	C	
28W/9419465	SP.13/B	Washer	2	—	C	
5X/3268	—	BLOCK , terminal, 5-way, R.H., assembly Attachments for Ref. No. 5X/3268, Block :—	1	—	C	NG1
28D/1214867	AS.1246/5B	Bolt, 4 BA	1	—	C	
28D/12182	AS.1246/6B	Bolt, 4 BA	1	—	C	
28M/10287	AGS.2001/B/1	Nut, 4 BA	2	—	C	
28W/9419465	SP.13/B	Washer	2	—	C	

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Ref. No.	Part No.	Description	No. off	Material Specification	Class of Store or L.M	Place No.
28E/9000883	10-20 R 3387	BRACKET , "P," clip attachment	1	L.72	LM	NG2
	AS.3180/9B	CLIP , "P," cable securing	1	—	C	
28D/1007979	AS.1246/1B	Attachments for AS.3180/9B, Clip :—				
28M/10287	AGS.2001/B/1	Bolt, 4 BA	1	—	C	
28W/9419465	SP.13/B	Nut, 4 BA	1	—	C	
		Washer	1	—	C	
	10-20 R 3079A	LEAD , bonding, flexible, at terminal No. 2, assembly	1	—	—	NG2
5K/4423	PLESSEY 12/5/0048	BRAID , flexible, tinned copper	QR	—	C	NG2
5X/6215	PLESSEY Z.56545	TAG , 4 BA	1	—	C	NG2
	AIRCRAFT MARINE PRODUCTS 323000	TAG , quick release	1	—	—	
	OR					
5X/7298	HELLERMANN HC.490	TAG , quick release	1	—	C	NG2
5X/9400064	PLESSEY Z.19980	THIMBLE	1	—	C	NG2
		Attachments for 10-20 R 3079A, Lead :—				
28M/10287	DHS.31/25	Clip, tubular, 24 SWG	1	BS.265	LM	NG2
28S/9992522	AGS.2001/B/1	Nut, 4 BA	1	—	C	
28W/9419465	A32/B16	Screw, 4 BA	1	—	C	
	SP.13/B	Washer	1	—	C	
5X/1004082	PLESSEY Z.50210	LINK , commoning, 2-way, between terminals Nos. 1 and 2 (Pre Mod. 1371)	1	—	C	
	10-20 R 3253A	PLUG , and Cable, coded "R5," assembly ...	1	—	ECC	NG2
		Attachments for 10-20 R 3253A, Plug :—				
28D/9710453	AS.1246/4C	Bolt, 2 BA	4	—	C	
28W/9419402	SP.13/C	Washer	4	—	C	
5195	DHS.849	SCREW , cross head, 6 BA (replacing existing screw at terminal No. 2)	1	—	C	
	—	TERMINAL , earth, station 19, coded "B" (See sub-section ECB)	—	—	—	
	—	INSTALLATION IN STARBOARD TAIL BOOM (Drg. No. 10-20 R 3555)	1	—	—	
	10-20 R 2547/Mk. 152	CABLE , coded, "1G.FA-M-VU.A4," assembly	1	—	ECC	NG1
	10-20 R 2547/Mk. 153	CABLE , coded, "2.G.FA-M+.VU.A5," assembly	1	—	ECC	NG1
	10-20 R 2547/Mk. 154	CABLE , coded, "10G.FA-T+.VU.A3," assembly	1	—	ECC	NG1
	10-20 R 2547/Mk. 155	CABLE , coded, "4G.FA-T-.VU.A2," assembly ...	1	—	ECC	NG1
	10-20 R 2547/Mk. 156	CABLE , coded, "5G.FA-REL.VU.A6," assembly	1	—	ECC	NG1
	10-20 R 2547/Mk. 157	CABLE , coded, "6G.FA-PS.VU.A7," assembly	1	—	ECC	NG1
28E/9000882	AS.3180/7B	CLIP , "P," cable securing	1	—	C	
		Attachments for AS.3180/7B, Clip :—				
28D/1008149	A25/2B	Bolt, 4 BA	1	—	C	
28M/10327	AGS.2002/B/1	Nut, 4 BA	1	—	C	
28W/9419465	SP.13/B	Washer	2	—	C	

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Ref. No.	Part No.	Description	No. off						Material Specification	Class of Store or LM	Plate No.
			1	2	3	4	5	6			
28E/14054	AS.3180/7C	CLIP , "P," cable securing	1						C		
28D/9133011	A25/2C	Attachments for AS.3180/7C, Clip :—									
28M/10328	AGS.2002/C/1	Bolt, 2 BA	1						C		
28W/9419402	SP.13/C	Nut, 2 BA	1						C		
		Washer	1						C		
	—	PLUG , Telebrief and terminal block, group (Drg. No. 10-20 R 3392)	1						—	NG2	
	—	BLOCKS , terminal, coded "A," group ...	1						—		
	DHS.456/5L	BLOCK , terminal, 5-way, L.H., assembly (For breakdown see DHS. Data Sheet)	1						—	NG1	
		Attachments for DHS.456/5L, Block :—									
28D/1214867	AS.1246/5B	Bolt, 4 BA	2						C		
28M/10287	AGS.2001/B/1	Nut, 4 BA	2						C		
28W/9419465	SP.13/B	Washer	2						C		
5X/3268	—	BLOCK , terminal, 5-way, R.H., assembly	1						—	NG1	
		Attachments for Ref. No. 5X/3268, Block :—									
28D/1214867	AS.1246/5B	Bolt, 4 BA	1						C		
28D/12182	AS.1246/6B	Bolt, 4 BA	1						C		
28M/10287	AGS.2001/B/1	Nut, 4 BA	2						C		
28W/9419465	SP.13/B	Washer	2						C		
	10-20 R 3388	BRACKET , "P" clip attachment	1					L.72	LM	NG2	
28E/9000883	AS.3180/9B	CLIP , "P," cable securing	1						—	C	
		Attachments for AS.3180/9B, Clip :—									
28D/1007979	AS.1246/1B	Bolt, 4 BA	1						—	C	
28M/10287	AGS.2001/B/1	Nut, 4 BA	1						—	C	
28W/9419465	SP.13/B	Washer	1						—	C	
	10-20 R 3079A	LEAD , bonding, flexible, at terminal No. 2, assembly	1						—	—	
5X/4423	PLESSEY 12/5/0048	BRAID , flexible, tinned copper	QR						—	C	
5X/6215	PLESSEY Z.56545	TAG , 4 BA	1						—	C	
	AIRCRAFT MARINE PRODUCTS 323000 OR	TAG , quick release	1						—	—	
5X/7298	HELLERMANN HC.490	TAG , quick release	1						—	C	
5X/9400064	PLESSEY Z.19980	THIMBLE	1						—	C	
		Attachments for 10-20 R 3079A, Lead :—									
28M/10287	DHS.31/25	Clip, tubular, 24 SWG	1					BS.265	LM	NG2	
28S/9992522	AGS.2001/B/1	Nut, 4 BA	1						—	C	
28W/9419465	A32/B16	Screw, 4 BA	1						—	C	
	SP.13/B	Washer	1						—	C	
5X/1004082	PLESSEY Z.50210	LINK , commoning, 2-way, between terminals Nos. 1 and 2	1						—	C	
	10-20 R 3255A	PLUG and Cable, coded "VU," assembly ...	1						—	ECC	
		Attachments for 10-20 R 3255A, Plug :—									
28D/9710453	AS.1246/4C	Bolt, 2 BA	4						—	C	
28W/9419402	SP.13/C	Washer	4						—	C	

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Ref. No.	Part No.	Description	No. of	Material Specification	Class of Store or L.M.	Place No.
5195	DHS.849	SCREW , cross-head. 6 BA (replacing existing screw, at terminal No. 2)	1	BS.249	C	
	—	TERMINAL , earth, station 18, coded "B" (See sub-section ECB)	—	—	—	
5F/9434858	—	STRAP , $\frac{5}{16}$ " wide, cable securing	QR	PVC	C	
5F/9138823	—	STUD , for $\frac{5}{16}$ " cable strap	QR	Nylon	C	
32B/—	—	TAPE , identification numbers and letters, use from Ref. Nos. 32B/1067 to 32B/1120 inclusive, as required	QR	—	C	

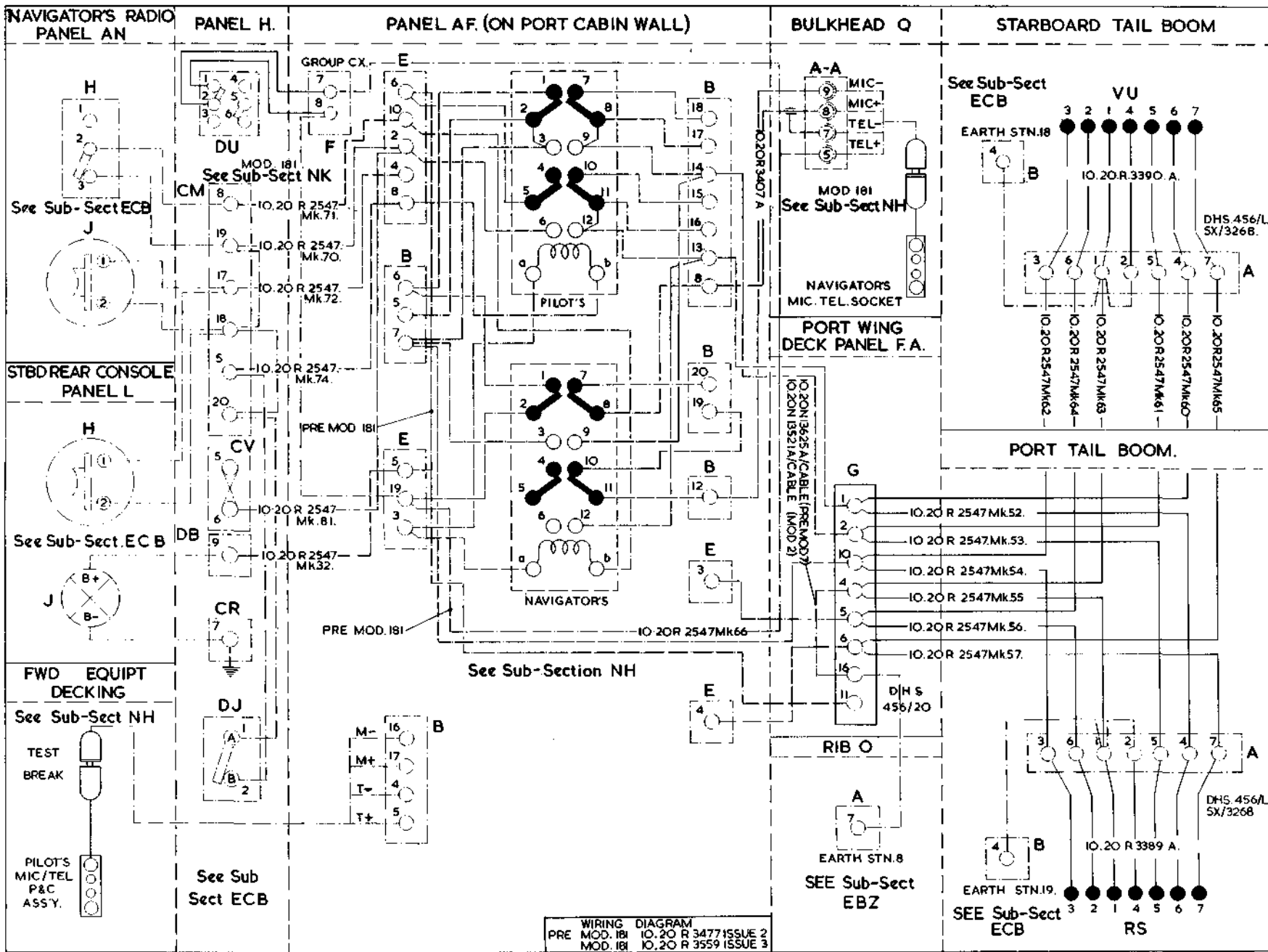
NG.1

RADIO & RADAR

NG.1
[A.51]

RESTRICTED

TELEBRIEF

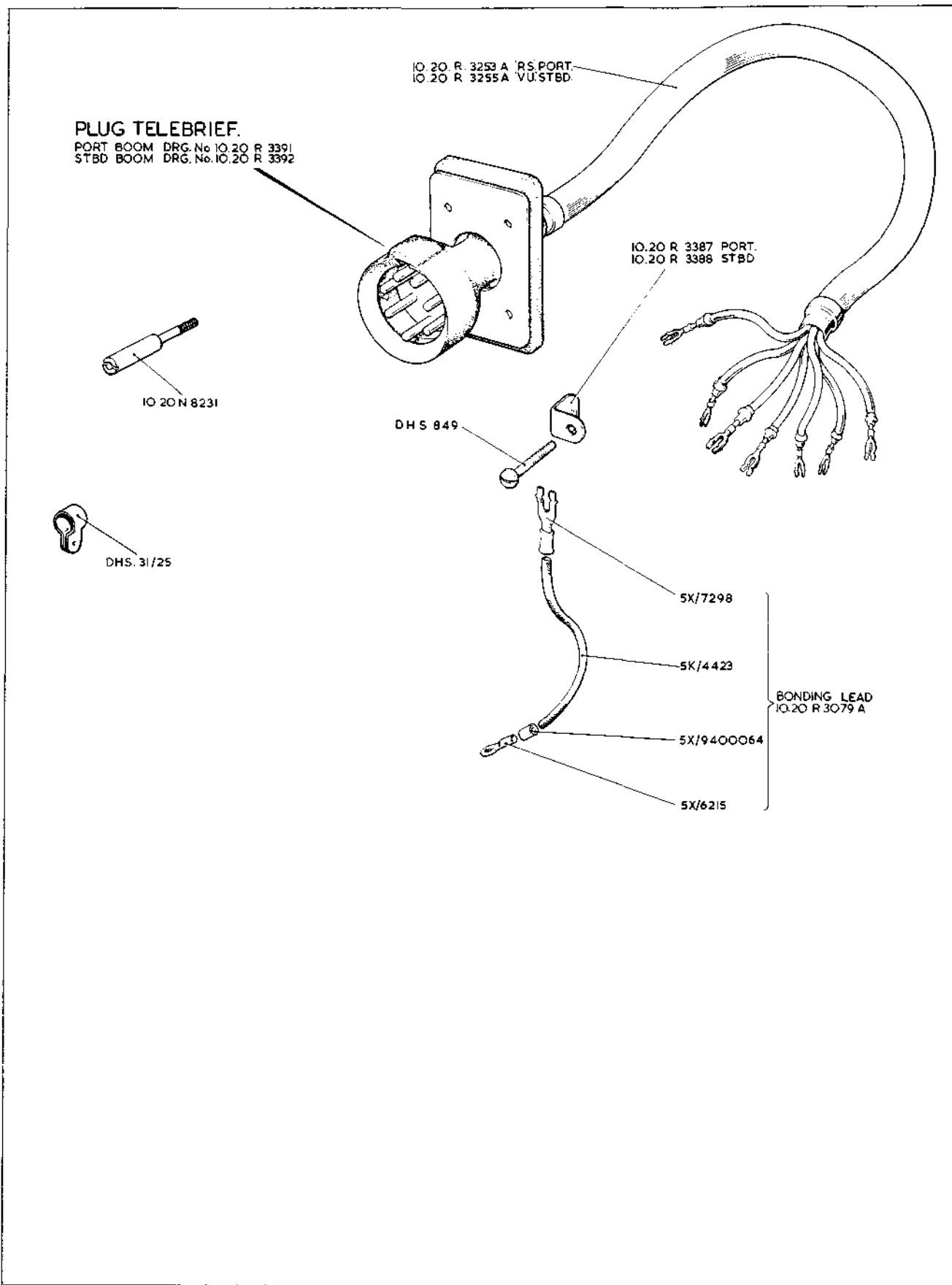


WIRING DIAGRAM
 PRE MOD. 181 IO.20 R 3477 ISSUE 2
 MOD. 181 IO.20 R 3559 ISSUE 3

See Vixen Mk. 1

RESTRICTED

Plate NG.1



NG.2

**RADIO AND RADAR
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NG.2
[ALS1]

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