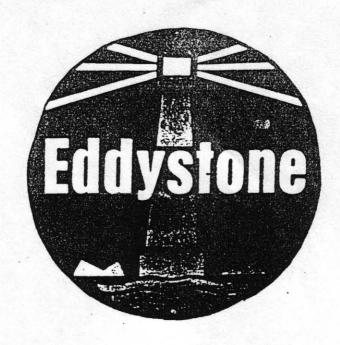
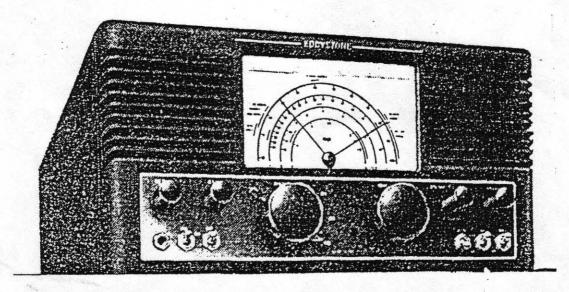
680x-p.3 EC10-p3 BF0-ps FAUTS-p9



Eddystone

Users

Group



MODEL 640

ISSUE NO. 6

MARCH/APRIL, 1991

Information quoted from Eddystone Co. Manuals by kind permission of Chris Pettit, Managing Director, Eddystone Radio Ltd.

Featured Model in this issue - 640

A non-profit making newsletter for Eddystone users. Address all mail:-

W. E. Moore, Moore Cottage, 112 Edgeside Lane, Waterfoot, Rossendale, Lancs. BB4 9TR

ISSUE 6

So, a milestone! At the end of its first year the E.U.G. is a success - if only I had started the group years ago. Some members are beginning to write in. Members' ads do seem to be selling, despite our somewhat limited circulation, and what is most important, membership is still going up. Unfortunately so are costs for postage and printing. Selling of manuals and circuits is helping to finance the newsletter and I intend advertising in magazines shortly, as well as going to rallies with some of my own collection.

Members, some of you anyway, are writing in with information about their own experience with Eddystone Receivers - see this issue -and asking for help with faults on 'sick' receivers - which is what we are here for.

Complaints, we have had just one real letter of complaint and two more with minor criticism, now that could be apathy - except for the letters from our satisfied members. Thank you to all those who have taken the trouble to say that they enjoy E.U.G. Newsletter and to offer constructive suggestions. I will take up some of those suggestions now, and reply if I can.

- Make newsletter a monthly and/or increase the size a lovely idea but we
 would need more input from 'you' the members. Cost would go up, both
 printing and postage, some could be recovered by taking adverts, selling
 circuits, even sale of parts from my 'cannibalised' receivers.
- 2. Turn it into a regular "Glossy" type magazine most of the answers to l.apply to this suggestion, especially cost. Our membership is not yet sufficient to cover this. However, changes are coming a more professional format, professional printing and post office approval for bulk posting.
- 3. Rally presence yes, I'm all for this and will need help! When I can arrange this I shall contact members for help with the rally stand, helpers would get free entry to the rally in return for some help manning the rally stands with a load of receivers on display, some security would be necessary.
- 4. More historic information, yes, there will be more of this and vintage adverts too. The vintage adverts especially seem very popular.
- 5. Sources, for receivers, parts, literature as new sources come up I will put the information in the newsletter. Again members can help by writing in with the information, advertising their receivers in the newsletter even.
- 6. Modifications I am not in favour of doing mods to receivers such as these, especially not mods likely to be reversible, such as one member suggests replacing valves in his 940 by FAE.T.s Other mods which can be removed or reversed i.e. no external changes, extra holes or the like, are okay, some will be published in future issues as the one for converting the unused IF buffer in some models into a calibrator switchable with the standby switch.
- WANTED! For your newsletter old ads or other literature connected with Eddystone radios or the company. We can photocopy your originals if you cannot. Any information on books with mentions of Eddystone.

SFERICS - next issue we will have information on a WWII special manufactured by Eddystone for the S.O.E. called the R1491. It was a very compact portable designed to be used in remote areas by resistance groups with a coverage of only MW, it was intended only for reception of the codes signals on B.B.C. transmissions. It features a two valve T.R.F. circuit, which using a short wire throw-out aerial gave good medium wave reception on phones, see next issue for more details.

Getting back to comments in previous newsletters about open circuit heaters why are the double diodes, EB91, EB34, EB41, more prone than others? Several members have the same comment to make. These valves used in detector, noise limiter and A.V.C. circuits, do seem to fail more often. Alan Richards has replaced 3 EB34 valves in twenty two years, and only one other valve, the 6K8 which succumbed after 18 years to low emission, evidenced by no oscillation above 16 M/Cs,all 3 of the EB34s had open circuit heaters. Any members who can help. us? I do know from my years in the services, and as a repair engineer, that Eddystones are not alone, 6H6 valves in R.A.F. equipment had a poor reputation. This is backed up by comments from other members who have 'services' background. Paul Davids suggests the manner in which they are used, the associated circuitry could be at fault. However, they do not usually have to handle any more than a few volts in A.V.C., N.L. or detectors. As a comparison I have a self-contained valve type calibrator, mains operated and the 65 volt D.C. for H.T. is obtained from a 6H6M used as power rectifier. The original valve is still good after 27 years!

S. 640

This was planned as 'feature' receiver several issues ago but as members kept on asking for the more popular models so this one was put on the shelf, here we go -

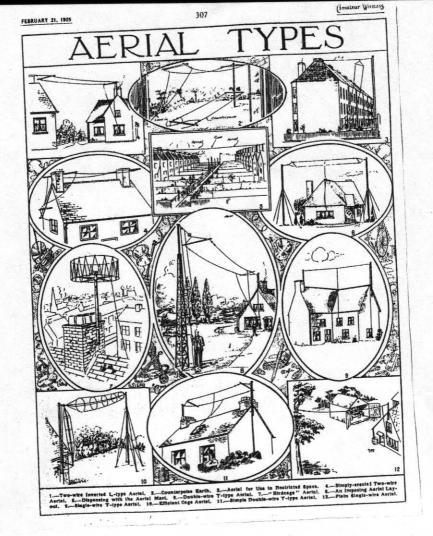
The S640 produced as the first post war receiver was aimed at the amateur market worldwide. It is a nine valve superhet using the standard Mullard octal range.

Coverage is 1.7 M/cs to 32 M/cs in three overlapping bands of 1.7-4.5, 4.5-12.6 and 12.6-32 M/cs.

Quite unlike most other Eddystones the two large knobs on the front panel are both tuning controls! Coarse on the left and Bandspread on the right. This is full electrical Bandspread with a completely separate 3 gang variable condenser and separate pointer/drive system. The various amateur bands are marked on the scale in green and bandspreading is quite adequate even by today's standards on 28-30~M/cs=45~divisions, on 14.0-14.4M/cs.=66~divisions, on 7.0~to~7.3~M/cs=51.5~divisions, on 3.5~to~4.0~M/cs.=84~divisions. Note that although it does cover the later 18, 21, 24~M/cs. bands they are not green lined on the scale. However, they are band-spreaded. In fact the whole range is band-spreaded 1.7~to~32~M/cs.

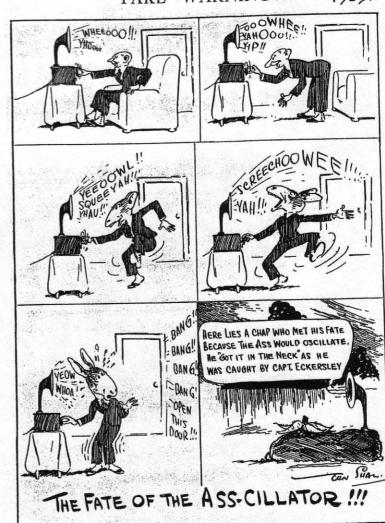
Valve line up is -

V1 EF39 V4 EF39 V7 6X5GT V2 ECH35 V5 6Q7GT V8 EB34 V3 EF39 V6 6V6GT V9 EF39



TAKE WARNING!!

1925.



The high I.F. of 1,600 Kc/s gives high adjacent channel selectivity, good attentuation of image signals, the switchable crystal filter if correctly phased gives enhanced selectivity with very little attenuation. Calibration is accurate with easy and repeatable frequency setting. Both coarse and bandspread tuning drives are backlash free and silky smooth. The high 'Q' IF transformers on mine are still on frequency and check on my signal generator (itself checked by digital frequency meter!) They have never been reset since new.

Low noise EF39s in RF and IF stages added to careful design give a remarkable low noise level with a sensitivity of better than 2μ volt for 50m volt AF output, the aerial input is 400 OHM, balanced or unbalanced.

Audio output from the 6% is 3 watt maximum which is attenuated for use with high impedance phones.

AC only operation from 100-230 volt supplies with a 60 watt dissipation is normal. However, an octal socket on the rear panel permits operation from an external 6 volt vibrator unit.

A second octal socket permits connection of the Eddystone external 'S' meter unit. This is an optional accessory unit in solid diecast casing which can be used on various receivers i.e. 740.

Front panel controls are R.F. gain, A.F. gain, main tuning, B/spread tuning, bandswitch, XTL on/off, phasing standby, N.L., B.F.O., A.V.C mains on/off and phone socket.

Circuitry is standard for a single superhet, construction is 'very' solid, in fact this is one thing common to all Eddystone models. Block schematic is in this issue, P-4.

Solar cell operation - Jake Hall in Canada has been operating his EC10 Mark II from a solar cell array on the roof of his mobile home for 3 years now. The panels cost him less than 20 dollars and the construction but a few hours. Maintenance has consisted, so far, in cleaning sessions with warm soapy water every few months. The array is protected under a perspex sheet and sealed with flexible silicone sealant. His only mod was a 9V6 Zener Diode mounted in the battery box, α series 1 amp diode in the plus line from the solar panel, and fitting nicads in the battery box.

Hints - poor sensitivity, bad selectivity and poor tracking on a recently acquired 670A was traced by one member when he spotted scratches on dust cores of the I.F.T.s A check was made and it was found that the I.F. was 10 K/cs low as a result, no doubt, of previous tampering by an uninformed owner. Doing a complete R.F. and I.F. alignment worked wonders and the 670A has a new lease of life.

Hints - drifting on a 680X, a check showed H.T. on local oscillator was high! Replacing the stabiliser valve cured H.T. problem. An on-air check tuned to W.W.V. showed that the drift problem was now cleared. Yes, the stabiliser VR150/30 can go low emission causing higher than normal H.T. on the stabilised line. Many people forget this.

September 23kD, 1931.

THE WIRELESS WORLD

ADVERTISEMENTS.

T.C.C. 8 MF 80 lac

sets at

MODERN WIRELESS

August 1923

Users of valve receiving sets will do well to realise that the efficiency of their outfit is largely dependent upon their choice of valves. It's the valve that counts!

You will positively ensure the best reception of vocal and musical items by using

Made with the same scrupulous care that has always characterised the manufacturing operations of the famous Osram factory,

MADE TO LAST

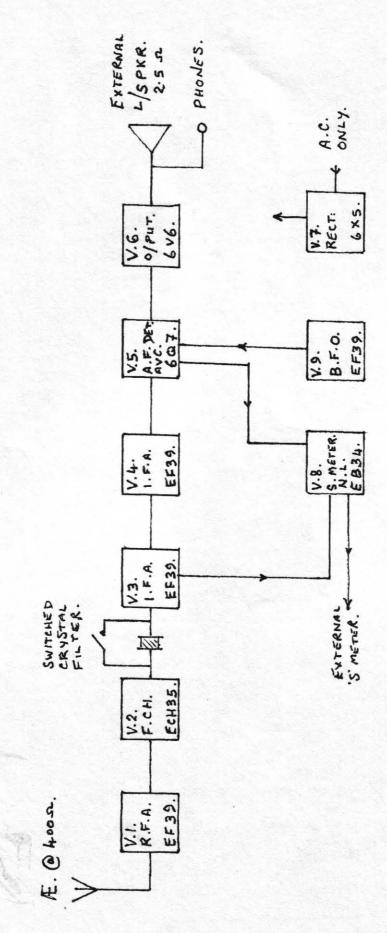
Sold by leading Electrical Contractors, Wireless Dealers and Stores.

I'motenes oney.

The General Electric Co., Ltd., Magnet House, Kingsway, London, W.C.2.

Branches throughout the United Kingdom and its all the principal markets of the World.

S.640 BLOCK SCHEMATIC.



3 BANDS7 1.7 mc/s To 32 mc/s.

AMATEUR BANDS MODEL, BANDSPREADING ALL RANGES.

Hints - if your receiver still seems okay after many years, remember performance drop is very gradual and unnoticed in normal use. Give yourself a big surprise, fit a new set of valves. They will not, and are not, meant to last forever. If you order a full set from one supplier try for a discount, or even free P. & P. They will often do this.

SFERICS - we now have members in Norway, France, Holland, Belgium, Germany, Spain, Portugal, N. America, S. America, Canada, S.Africa, Irish Republic and of course the U.K. Literally an international group now, let's have some news from you, what receivers you have, what use they are put to, your servicing hints etc.

SFERICS - one member is having problems with QRM, breakthrough from a Community Radio Station close by his QTH. His solution suggested to others with a similar problem is a "rejector" filter in the aerial input lead. This is a parallel L.C. filter formed by an ex transistor radio, ferrite aerial coil and a 750 picofarad trimmer condenser. This is tuned for minimum strength of the interfering signal. The formula to use for other stations is:-

Frequency = $160/\sqrt{L \times C}$

Where L is in microhenries, C is in picofarads and fequency is in kilocycles. Most transistor ferrite aerials have an inductance of about 540 microhenries, a 250 picofarad trimmer will be fine with this for medium wave.

SFERICS - several readers with 830/9 receivers have found the microswitch operated on "narrow" position of selecticity switch is not connected to anything! This is because special 'piccolo' filters which were fitted for use by "you know who" had to be removed before disposal. Reference to 830/9 manual will help you to rewire as per original circuit.

SFERICS - a digression, the human brain produces as much as ten watts of electricity and that frequencies as low as 2 C/s and high as 80 K/cs have been monitored in different areas.

SFERICS - Someday, heaven forbid, a nuclear detonation up to one hundred miles distant could result in E.M.P. effect causing instant death to all semiconduct devices, the pulse from this would knock out all computer systems, telephones, radio stations, domestic radio and Hi-fi (except valve equipment), auto ignition systems and much hospital equipment. Most valve radios would survive, so vote "Hollow State". This no joke, above info; from a Canadian radio and electronics magazine stating info; was from the Canadian Government Bulletin.

Hints - Meters for servicing valve radios, use an AVO or other moving coil type not a modern, up to date, LCD semicon type. The high internal resistance of these types will give readings completely different from those in the manuals - which were taken with a 20,000 OHM/volt or 1,000 OHM/volt AVO.

<u>Hints</u> - B.F.O. operation on some models is too coarse for easy S.S.B. tuning, one cure is to open up your receiver, locate the B.F.O. variable condenser which is a 3 + 2 plate model. Using pointed nose pliers carefully 'tweak' off one plate each from rotor and stator, this will reduce total capacity swing and **so** total frequency swing. B.F.O. may need resetting to zero beat afterwards.

Subscriptions for 1991 are now due - please send them in soonest to ensure you get next issue! Due to postal increases etc. it is now 17.50. - flo.co STERLING ** ALSO UNITED ARAB EMIRATES OVERSEAS.

4 DIECO CARCIA ISLAND.



Professor Leithauser, designer of the German 'People's Receiver', with the A.C. model of his creation, 1933

DO WITH THE "EDDYSTONE"

LOGO?

(WITH APOLOGIES TO EDDYSTONE RADIO &
PARTICULARLY TO CHRIS PETTIT.)

COLLECTORS.

One member who wrote in with his own personal Eddystone experiences is Mr. Blanchard, as a post office apprentice in the 50's he admired, but could not afford, an Eddystone. Being able to afford them now he has the nucleus of a small collection, a 640, 670, 680X, 770R and 870. The 640 is at present being restored, he also has several other makers' receivers.

Q.R.M.

A problem which does not, luckily, arise with our Eddystones - the owner of a WWI '1155' receiver, a 14 years old S.W.L., was in severe trouble with family and neighbours for causing QRM! When tuning up and down the medium wave band his receiver was causing heterodyne whistles on other domestic radios. Living in a block of flats, using an indoor wire draped around the room - when checked out the interference on a domestic radio in the next flat was 59+ Plugging in my '41A' Ex G.P.O. receiver and using the built-in meter, several things were checked. It was immediately discovered that disconnecting the aerial from the '1155' practically cured the problem. was still an 53 reading on the '41A' at the high end of the m.wave - circa 1300 K/cs. when the '1155' was at the low end of MW. It was noticed that calibration was way out on the '1155' so the set was opened up. The A.C. power supply had been built in on the left hand side where the original D.F. circuits had been. The mains input lead was snaked through the chassis to a convenient hole at the rear. Seeing it was a two wire lead, and there was no earth connected at the rear, my thoughts went immediately to a re-run of the mains lead, at one point it was less than a half-inch from the local oscillator circuitry! Re-routing the lead as far as possible from the L.O. and aerial circuits and connecting an earth lead from cabinet to mains plug cured most of the interference. The small remaining QRM was on one domestic receiver some 18 inches from the extreme end of the length of wire used as aerial on the '1155', moving this wire to a distance of 5' from the domestic receiver effected a complete cure, no signal was now to be found on the '41A' even when placed alongside the '1155'. If you have an Eddystone 41A use it!

SFERICS - I recently discovered a 770R which, together with its associated panadaptor, was still in daily use in a workshop which specialised in reconditioning of P.M.R. type equipment. It is not generally realised that the EP17 and EP20 panadaptors can be used as wobbulators and with the appropriate receiver both R.F. and I.F. alignment can be accurately carried out. The manuals for the panadaptors give details of how to do this.

S.O.S. - Please let E.U.G. have any information you may have as to where you have encountered Eddystones previously or still in use. All information for your newsletter, we need old literature and articles relating to the Eddystone Company and/or products. We can photocopy and return if need be.

Query - In answer to Mike of Dunstable, the callsign of the original amateur station at the Eddystone factory in Birmingham was G6SL. To the best of my knowledge it is still a current callsign.

S.O.S. - EARLY MODEL EC958 - NO SUFFIX! MEMBER NEEDS COPY OF MANUAL, CAN CUPY YOURS AT E.U.G. FOR HIM OR REFLUND COSTS IF YOU DO COPYING. CONTACT E.U.G. PLEASE.

S.O.S. - WANTED FOR 68CX. CRYSTAL PHASING KNOB, ALSO AGE TOGGLE SWITCH. RING. DON TANNECE. 071 239 1385 DAY - 04022 21224 EVENS.

99	Hoverswerda	Germany :	20	
99	R.Popular, M'rid Hilv sum-5 Flevo	Halland	400	
217	Wolfsheim	Germany	600	
035		Italy	50	
	Prog.3 Lisbon	Portugal S.Africa	120	
035	Tshisahulu, V'da Burg	Germany	250	
	Kalundborg	Denmark	250	
071	Brest	France	20	
098		RSA :	750	
098	Indop, aa mana	Germany	40	
107	RNE-5 Barcelona	Spain	20	
107		UK	0.5	
125	La Louviere	Belgium	20	
125	Stara Zagora BBC Uandrindod Well:	Bulgaria i	500	
125		Spain	10	
134		Yugoslavia	1200	
143		Germany	10	
1143	Century R. Duolin	Ireland (S) USSR	? 150	
143	Kaliningrad Stara Zagora	Bulgaria	500	
161	Strasbourg (F.Int)	France	200	
1170	TWR Manzini	Swaziland	50	
1179	Solvesborg	Sweden	600	
1188	Kuurne	Belgium Germany	5	
1188 1188	Wachenbrunn Szolnok	Hungary	135	
1197	VOA via Munich	Germany	300	
1197	BBC-R3 Enniskillen	Ireland (N)	1	
1197		France	0.5	
1206 1206		Poland	200	
1224		Bulgaria	500	
1224		Spain	20	
1233		Czechoslovak	150	
1242		France Hungary	500	
1251		Netherlands	10	
1260		Spain	20	
1269		Germany	600	
1278		(S) Czechoslovak	10	
1287		UK	500	
1305		Poland	100	
1314	Kvitsov	Norway	1200	
1323			150	
1332		Italy (N)	100	
1350		France	100	
1359		Germany	250/100	
1368			300	
137		France Swaziland	50	
137		USSR	1000	
139		Albania	1000	
139		Spain	2	
	4 Brest	France	1500	
141		Spain	20	
142	2 Aiger	Algeria	50/25	
142	2 Heusweiler	Germany	1200/600	
143	1 Gresden	Germany	250	
144	0 : Marnacn 0 : Damman	Luxembourg Saudi Arabia	10.000	
	9 Berlin	Germany	5	
144	9 Squinanzo	italy	50	
1148	7 TWR Monte Carlo	Monaco	1000/400	
147		Austria	600	
148	14 Clermont-Ferrand	France	20	
149		USSR	1000	
	3 Stargard	Poland	300	
15	12 BRT Wolvertem	Belgium	600	
115	21 Kosice	Czechoslov	akia 600	
			150/450	
1530 Vatican Radio, Rome 1539 Mainflingen		Germany	700	
15	66 Sarnen	Switzerland		
115		Germany	250 50	
15	75 i Genoa 84 Pampiona	Spain	2	
15	93 Langenberg	Germany	400/800	
16	02 R.Onteniente	Spain	2 5	
	11 i Vatican Radio, Rom	ne Italy		

	Leipzig	Germany Spain	100	
	Oviedo BRT-2 Wavre	Belgium	150/50	
	Solt	Hungary	2000	
	Les Trembles	Algeria	600	
1	Bayreuth	Germany	100	
-	Espoo Berlin	Finland Germany	100	
1	RTE-1 Tullamore	Ireland (S)	500	
1	3echar	Algeria	400 500	
-	Stuttgart	Germany		
1	FIP Paris RNE-1 Madrid	France Spain	S 200	
1	Frankfurt	Germany	400	
1	Muge	Portugal	100	
1	Lyon	France	300	
	Sevilla BBC-R4 N'castle	Spain UK	20	
	Kiel	Germany	10	
1	RTE-2 Athlone	Ireland (S)	100	
1	RTBF-1 Wavre	Belgium	80	
	VOA S'bi-Phikwe	Botswana Norway	100	
	Vigra Liblice	Czech	1500	
	RNE-: Almeria	Spain	20	
1	La Coruna	Spain	100	
3 1	BBC Orfordness	UK	500 250	
7	Burg 2 Youse Komma	Germany	100	
0 1	R.Xnosa, Komga Bodenseesender	Germany	300/180	
5	Marseille	France	600	
5	H'versum-3 Lapic	Heiland	120	
4	RNE-1 Sevilla	Spain	250	
4	Seograd Berlin	Yugoslavia Germany	250	
2	Aachen/Fl'sburg	Germany	5	
2	Monte Carlo	Monaco	300	
1	Rennes 1	France	300	
0 0	Langenberg	Germany Portugal	100	
0	Norte 83C-R4 Lots Rd	UK	0.5	
9	RTE-1 Cork	Ireland (S)	10	
9	Criedo	Spain	50	
38	Paris	France	200	
88	Poznan RNE-1 Barcelona	Poland Spain	250	
17	Hilv sum-2 Flevo	Holland	400	
17	Gobabis	Namibia	100	
6	Brunswick	Germany	800/200	
ô	BBC-R4 Redruth	UK Switzerl d	500	
55 74	Sattens BBC-R4 Ennisk'n	Ireland (N)	1	
14	RNE-1 Caceres	Spain	60	
83	Burg	Germany	1000	
92	Limoges	France	300 20	
92	Sevilla Munich	Spain Germany	420	
01	Castellon	Spain	5	
10	SER Madrid	Spain	20	
10	BBC-Scot.W'glen	UK	100	
28	Hangver	Germany France	100/5	
37 46	Nancy Rome	Italy	540	
55	Berlin	Germany	100	
55	Murcia	Spain	125	
64	Paris	France	300	
173	AFN via Frankf't	Germany	150	
373	R.Ulster, Ennisk'n	UK	1	
382		UK	70	
391	Algiers	Algeria	600/300	
		leab.	600	
900		Italy Spain	20	
927		Belgium	390	
336	Bremen	Germany	100	
936	Agadir	Morocco	600	
945 Pleven		Sulgaria	300	
945		France	600	
963	Full	imanu	300	
963		France	8	
372	R.Botswana	Botswana	50	
972		Germany	600/300	
981		Algeria	300	
990		UK	1	
	BBC-Tywyn	UK	1	

LIST OF M.W. BROADCAST STATIONS SENT IN BY A MEMBER, NOT COMPLETE LISTING BUT MOST SHOULD BE RECEIVABLE IN THE U.K. WITH A GOOD AERIAL, - AND PATIENCE! Hint - Hindsight can be frustrating! This was Alex Pines experience, who swears never to be caught out again (Ha!) Whilst doing a much needed cleaning job on his 770R he inadvertently let loose the drive cord, not having the manual he spent five frustrating evenings trying to re-string the 770R. When the manual did arrive it was a three quarter hour job. He ruefully advises that before even putting a finger inside he will, next time, draw a diagram of the routing for the drive cord system. I second this as even now after having re-strung many models over the years, "it can still be time-consuming. The worst in my experience is the 640 with two separate drive systems for bandset and for bandspread. If too much tension is put on either one slight distortion of the concentric pointer drives can cause backlash on tuning.

S.O.S.... Member Doug Bishop was a member of an original Eddystone owners club. This was in 1933! Hopefully he will put pen to paper and let us know more. At age 72 he no longer has a receiver, but would like an inexpensive short-wave Eddystone. Can anybody help? Remember he is a pensioner. Address is 17 Russel Street, Bath, Avon, BAl 2QF

 $\underline{\text{S.0.S.}}$ Wanted EP961 panadaptor. Can collect anywhere in U.K. Good price paid. Write Sam Rees, Box 5347, Ras Khaimah, United Arab Emirates.

S.O.S.... Wanted Eddystone H.F. receiver, good condition, good price paid. A Jones, 14 Holmewood Street, Runcorn, Bisbane, Australia 4113.

S.O.S.....Wanted 940, 840C, 770R, 730/4 and panadaptor in good condition. Alan Clayton, 6 Albert Road, Bunny, Notts. NG11 6QE. Tel: 0602 212857

Sample of four most common faults found on total of 140 receivers over 20 year period:-

Sample Total Model Faults

11

640

- 6V6 output stage, kathode resistor gone high, kathode bias electrolytic dried out. Leaky grid couplin g C50, wire insulation V.5 anode to C.50 cracked and leaky. C.52 anode 6V6 leaky.
- 2. Freq. changer low emission, no oscillation H.F. above about 15 M/cs.
- N.L. and S. meter non-operative. EB34 has open circuit heater. N.L. switch contacts dirty.
- 4. A V.C. non-operative, C20 leaky, or more usually C.62

670A

- UL.41 open circuit heater or heater-kathode short. (Use 10P13)
- UCH.42 low emission non-osc. at H.F. or sometimes microphonic due corroded/loose socket.
- 3. Top section dropper (230-200 section) gone open circuit.
- 4. Thermistor loose wire ends intermittent open circuit.

Sample Total	Model	Faults
14	840A	1, 2, 3, as for 670A 4. Leaky smoothing E'lytics.
6	EB35	 No F.M. local osc. transistor dud replace Corroded contacts in battery box.
		3. If volume pot; noisy, usual cause is leaky C80, 10MF E'lytic, replace pot; and condenser.
		4. Dial bulb O/C
22	770R/U	1. V2 low emission
		. 2. V1 " "
		3. Jamming turret switch mechanism.
		4. Intermittent contacts, turret coils.
12 .	740	1. EB41 % heater.
		2. ECH42 low emission, non-osc. at H.F.
		3. A.V.C. condenser C.42 leaky,
	_	4. EZ80 O/C heater.
9	750	1. ECH42 low emission
		2. D77 o/c heater
		3. DH77 o/c heater. Microphonic due dirty pins/socket
	_	4. Drifting due low emission VR150/30
11	830	1. EB91 o/c heater
		2. Smoothing E'lytics, leaky.
44.		3. Freq; changer non-oscillating at H.F.
		4. Drifting, low emission VR150/30
8	EC10	1. Push button mechanism,
		 Transistor local OSC non-operative due low battery volts, low output P.S.U.
		3. A.F. gain pot; noisy. (see EB35)
		4. Wavechange switch contacts corroded.

Sample Total	Model		<u>Faults</u>
3 + 8	680/x	1.	Local OSC; non-operative - low emission.
		2.	A.V.C. condenser leaky.
		3.	VR150/30 low emission.
		4.	Smoothing E'lytics, leaky.
5 + 7	888/A	1.	Local OSC, as for 680/X.
		2.	N.L. valve heater O/C.
		. 3.	VR150/30 low emission, causing drift.
		4.	Smoothing E'lytics, as above, 680x.
16	940	1.	V7 EB91'0/C heater.
		2.	Wavechange switch contacts dirty.
		3.	6AJ8 low emission.
		4.	Selectivity switch, coupler grub-screws loose.

S.O.S. FLAN JONES. 14 HOLMEWOOD ST. RUNCORN. BRISBANE. AUSTRALIA.
4113. (QUEENSLAND.) WANTS TO BUY EDDYSTONE
H.F. RECEIVER. WANTS INFO & BROCHURES ON 1970 ONWARDS
MODELS.

That's all for this month. Remember - this is the last issue of our first year - your subscriptions for year two are due. Please send any criticisms also.

To all those who have already paid up - many thanks.

To those who send their compliments for the newsletter - thanks also.



GUESS WHO DID RENEW HIS SUBSCRIPTIONS

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