

**OLD CURLEW MARINE RADIO TELEPHONE RECEIVER****RIFERIMENTI**

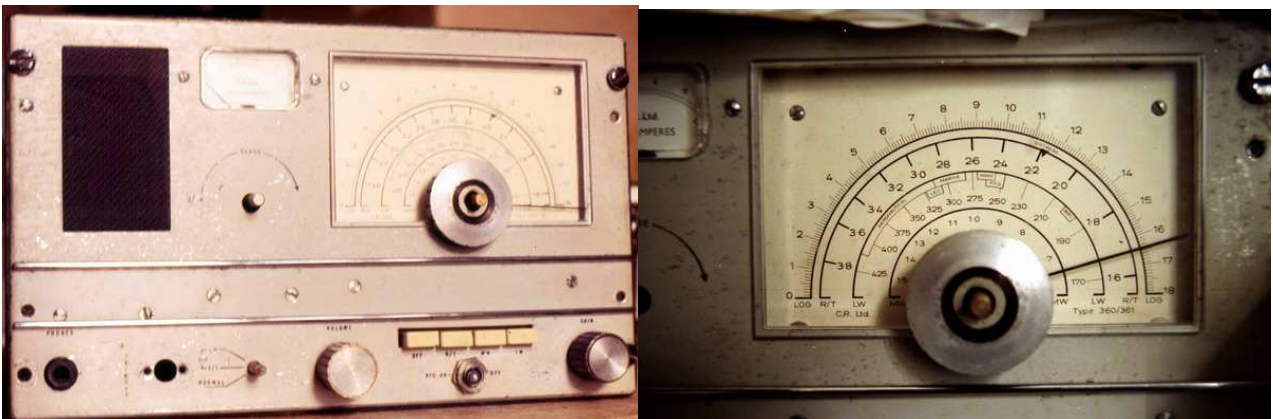
Genere	DATA	Generalità	Note	Distribuzione
radio	15	ricordi		

GENERALITA'

As I'd seen on qrp-tech yahoo forum a lot of post regarding the substitution of LM386 with discrete, it recalled me at memory an old receiver from the time I was little more of a boy.

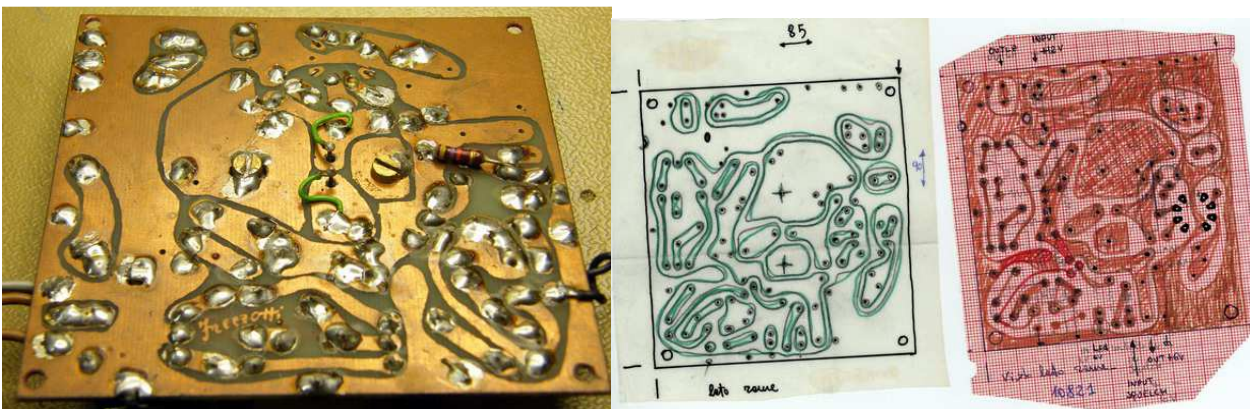


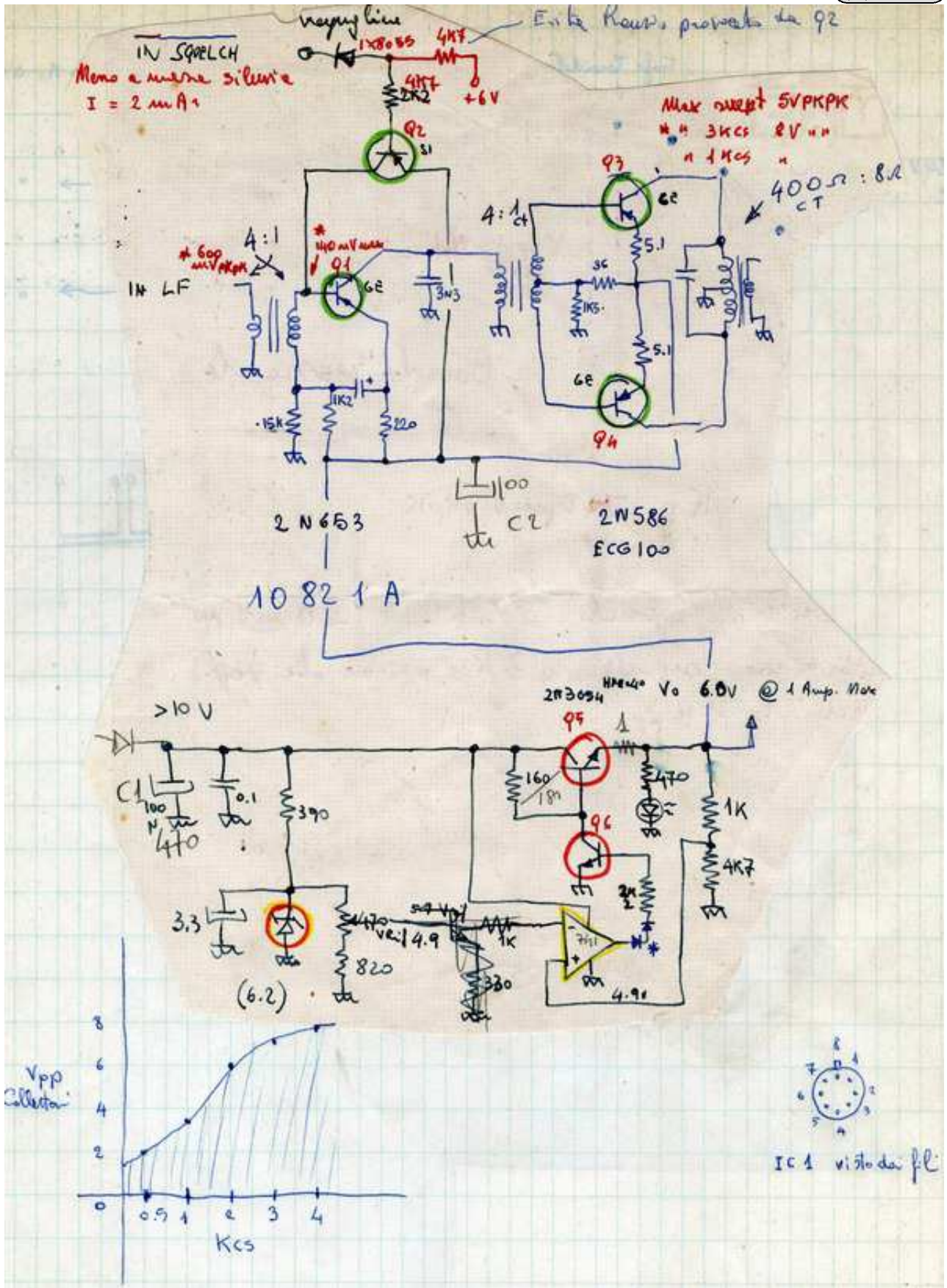
It was a surplus from marine world, part of a radio telephone set built from british firm COASTAL RADIO LTD, named CURLEW. It was not operative and my father gave it to me, to play with. I at that time modified it in many part, and now all of it remains are some sketch and bad quality dia photos.



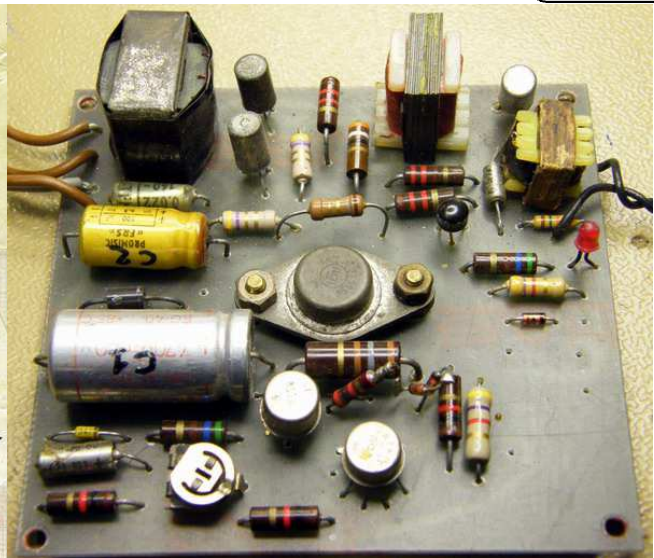
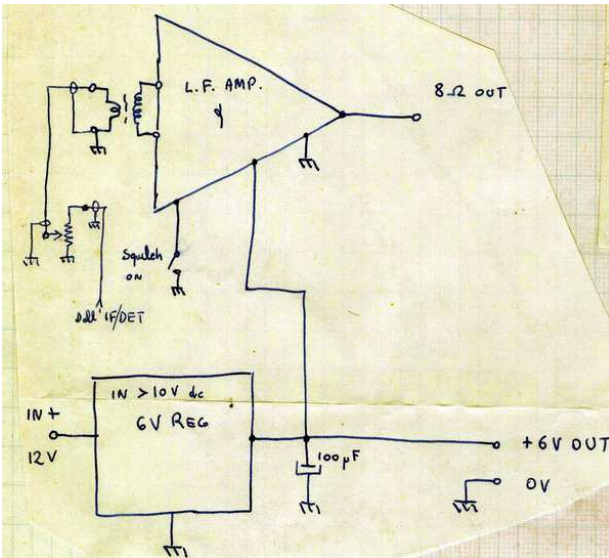
I tried also to build a transmitter in the empty space of rx. But the audio frequency amplifier is the subject of this note. Because it is like the many other reviewed in qrp-tech notes in these days.

It used a couple of 2N586 germanium transistor, and transformers. Worked well but today transformer are rare. Driver was 2N653. There was a mute circuit that today I define horrible...

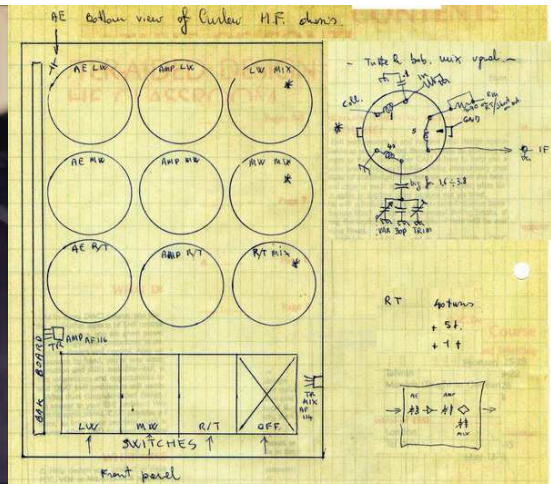
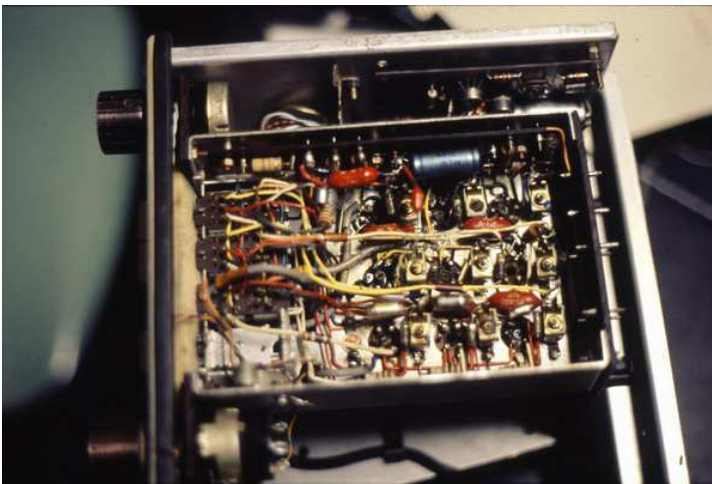




Zero signal bias current for PA is about 10 mA each. No heath sink for final bjt's. Looking at the diagram some things seems to be not correct, anyway I cannot verify today. i.e. input trafo shows arrows not necessary. In the same PCB was a 6 Volt regulator for the V+ of receiver. In the diagram PNP are green circled and NPN red. It was my personal way to draw, hi.



Next pictures shows the RF bank of the receiver. It is all it remains of that receiver.



Buon divertimento, Alessandro Frezzotti