



Föreningen
Sveriges Sändareamatörer

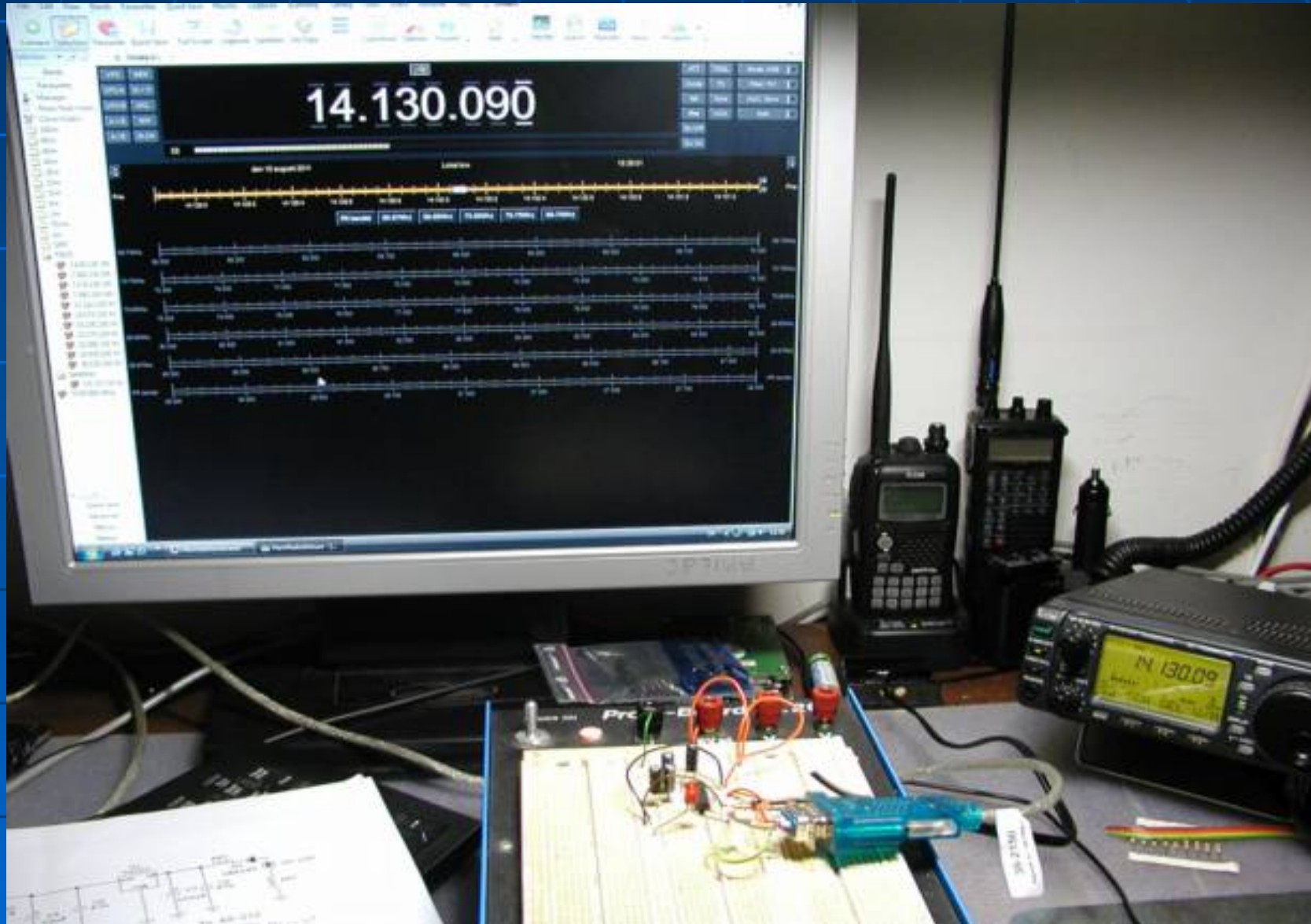
CAT interface

Contest University Utanede 2015-03-22

SM3GDT



CAT interface



CAT Interface

Tyvärr ser det rätt ofta ut så här.....





CAT interface

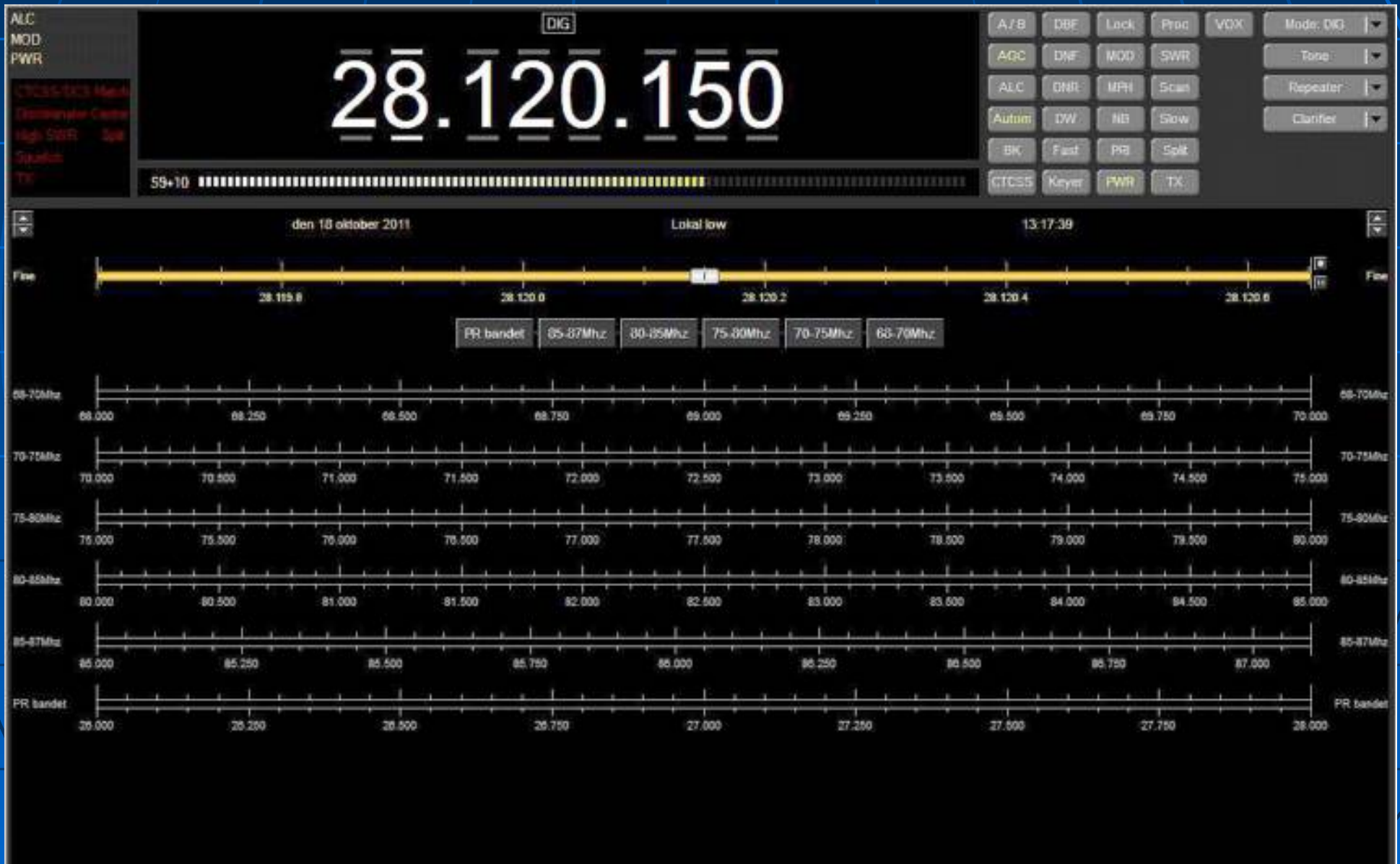
- Vad är det ?
- Vad har jag för nytta av det ?
- Hur ser byggbeskrivningen ut ?
- Programvaran ?



CAT interface

- Computer Aided Tuning
- Styr din radio från datorn
- Spänningsnivåanpassning
- Går att köpa, ICOM CT-17,
Yaesu FIF-232 mm

CAT interface



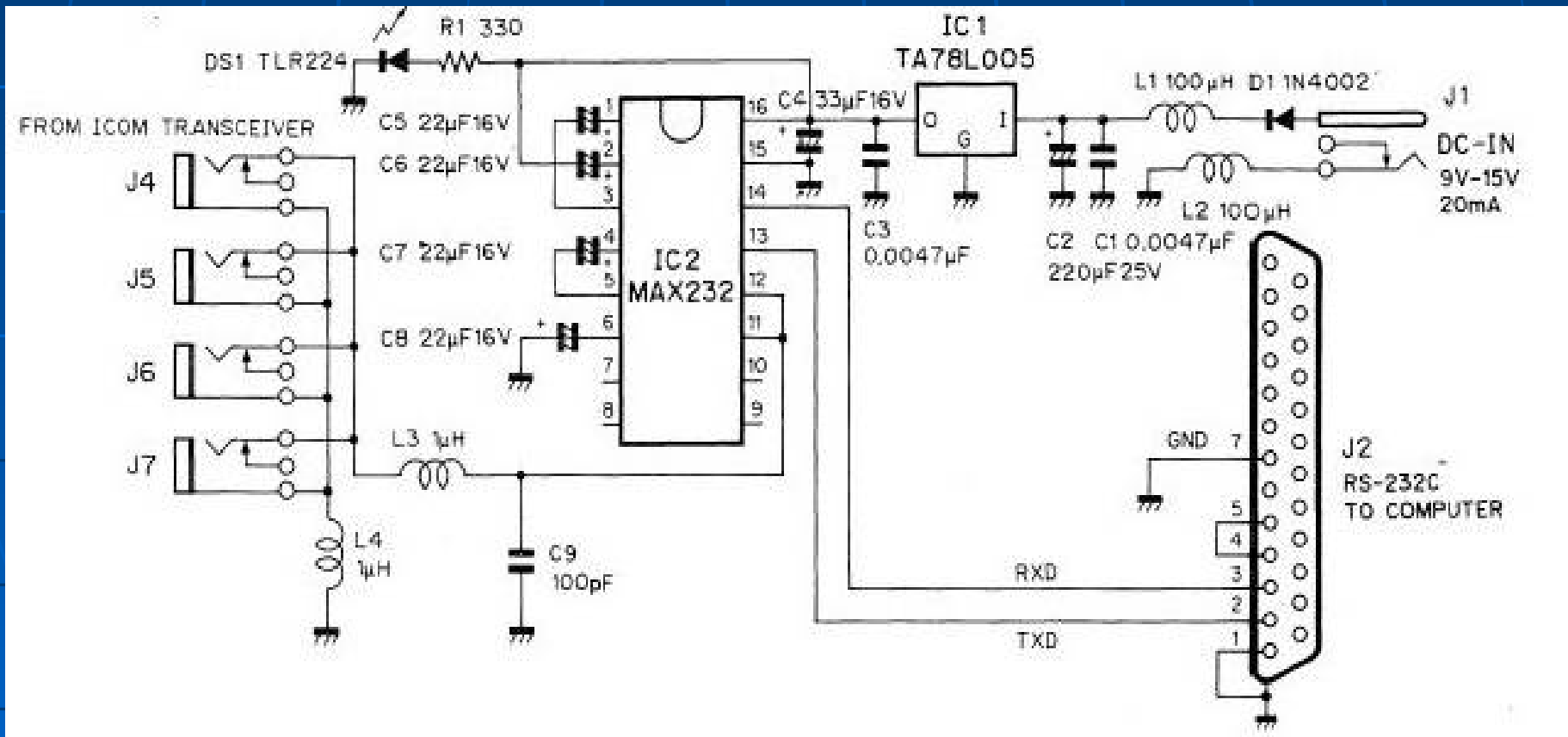


CAT interface

- Stor och tydlig frekvensvisning
- Loggbok i programvaran
- Automatisk tid och frekvens
- Snabbt byte av band och mode
- Styrning av rotorn
- Lagring av favoritfrekvenserna

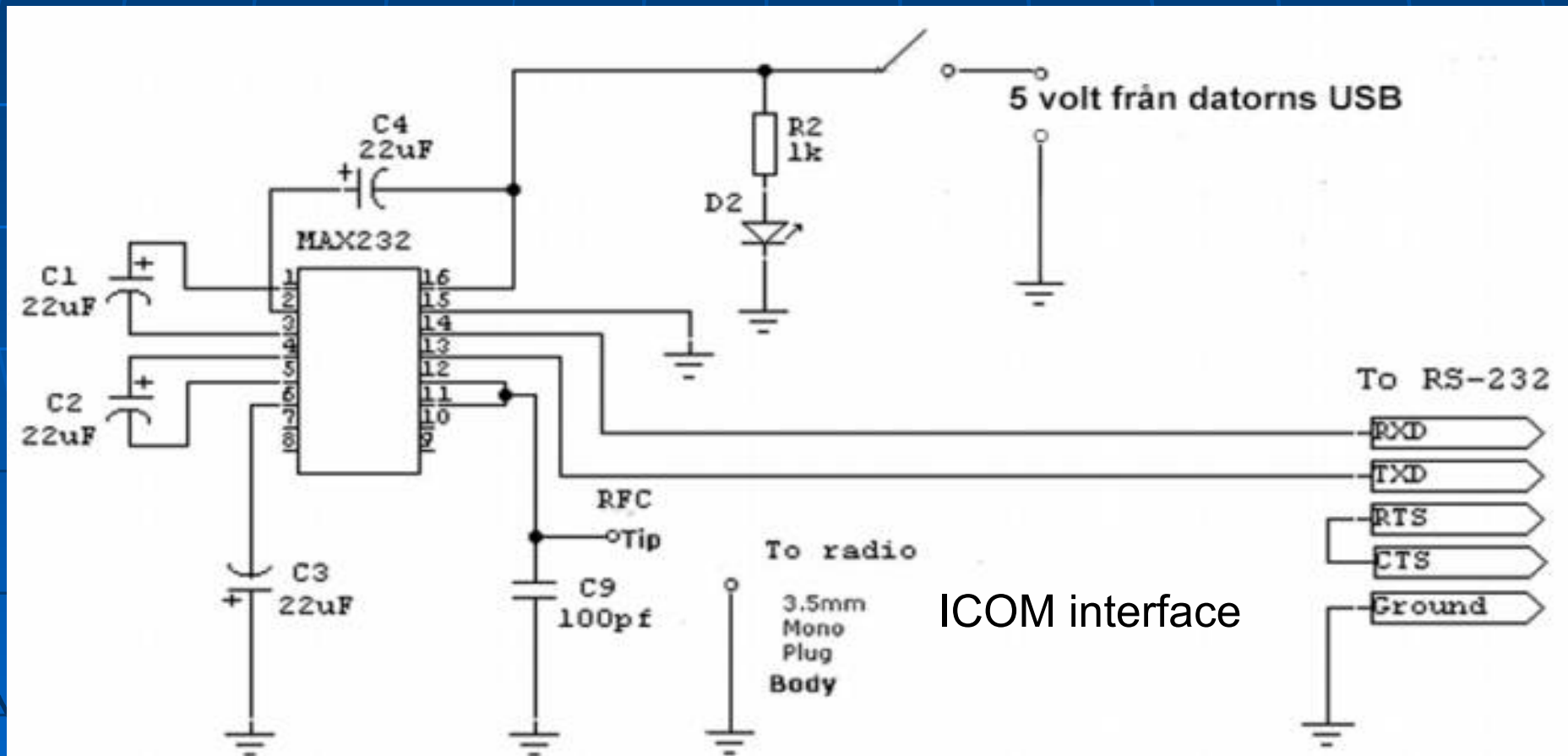
CAT interface

- ICOM CT-17 original MAX232



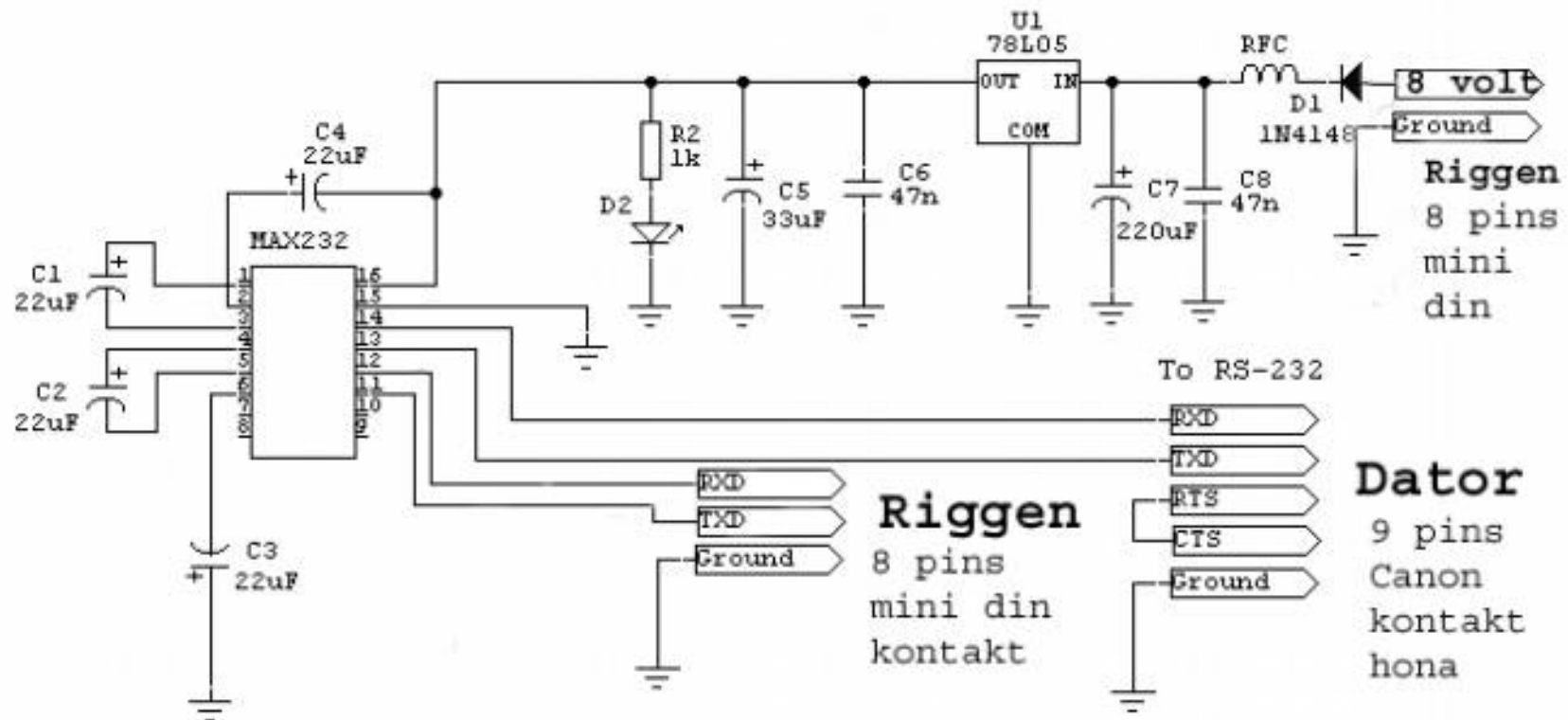
CAT interface

- Håll det enkelt !



CAT interface

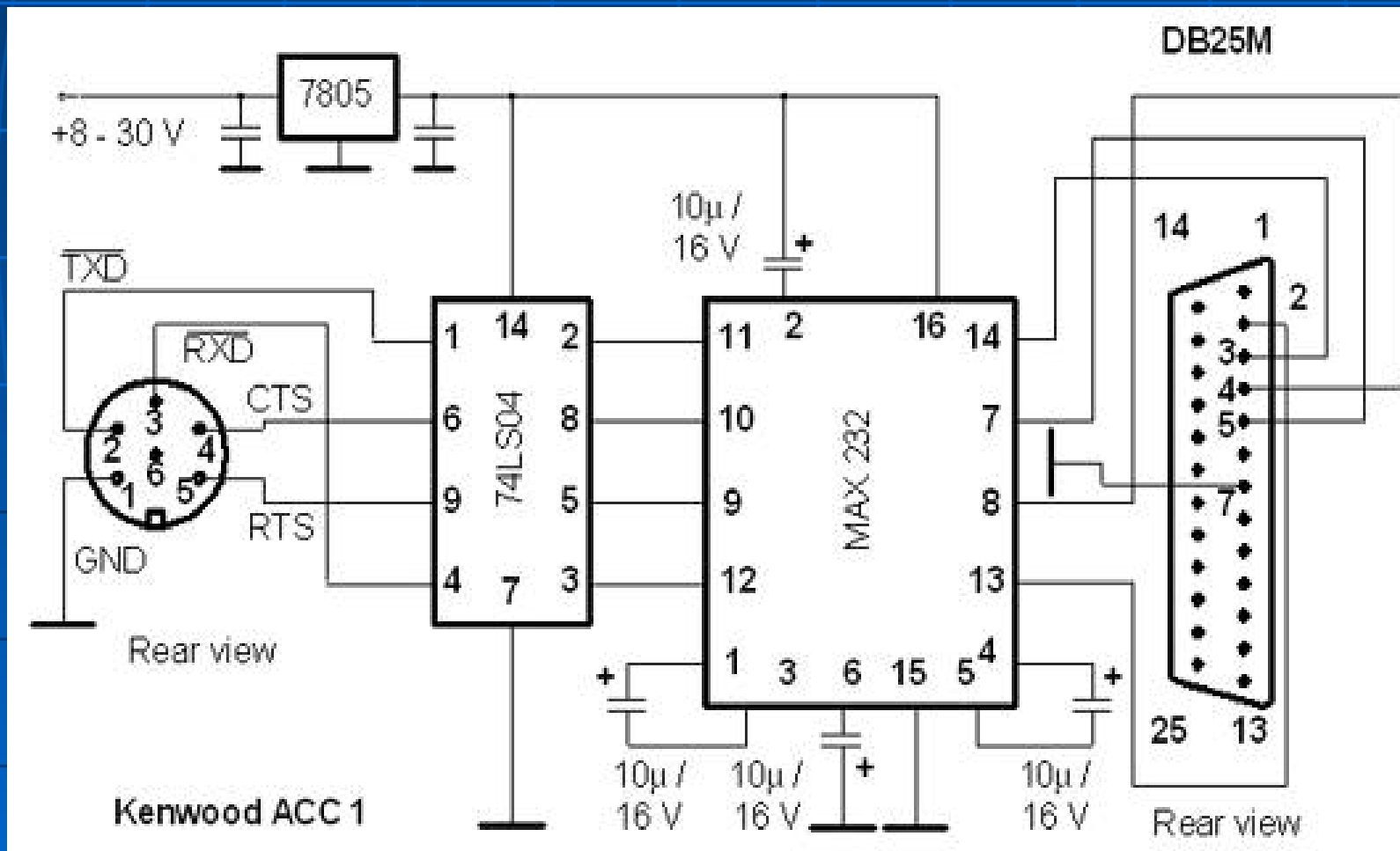
- 8 volt från riggen, RXD, TXD för sig.



Yesu FT-897 interface

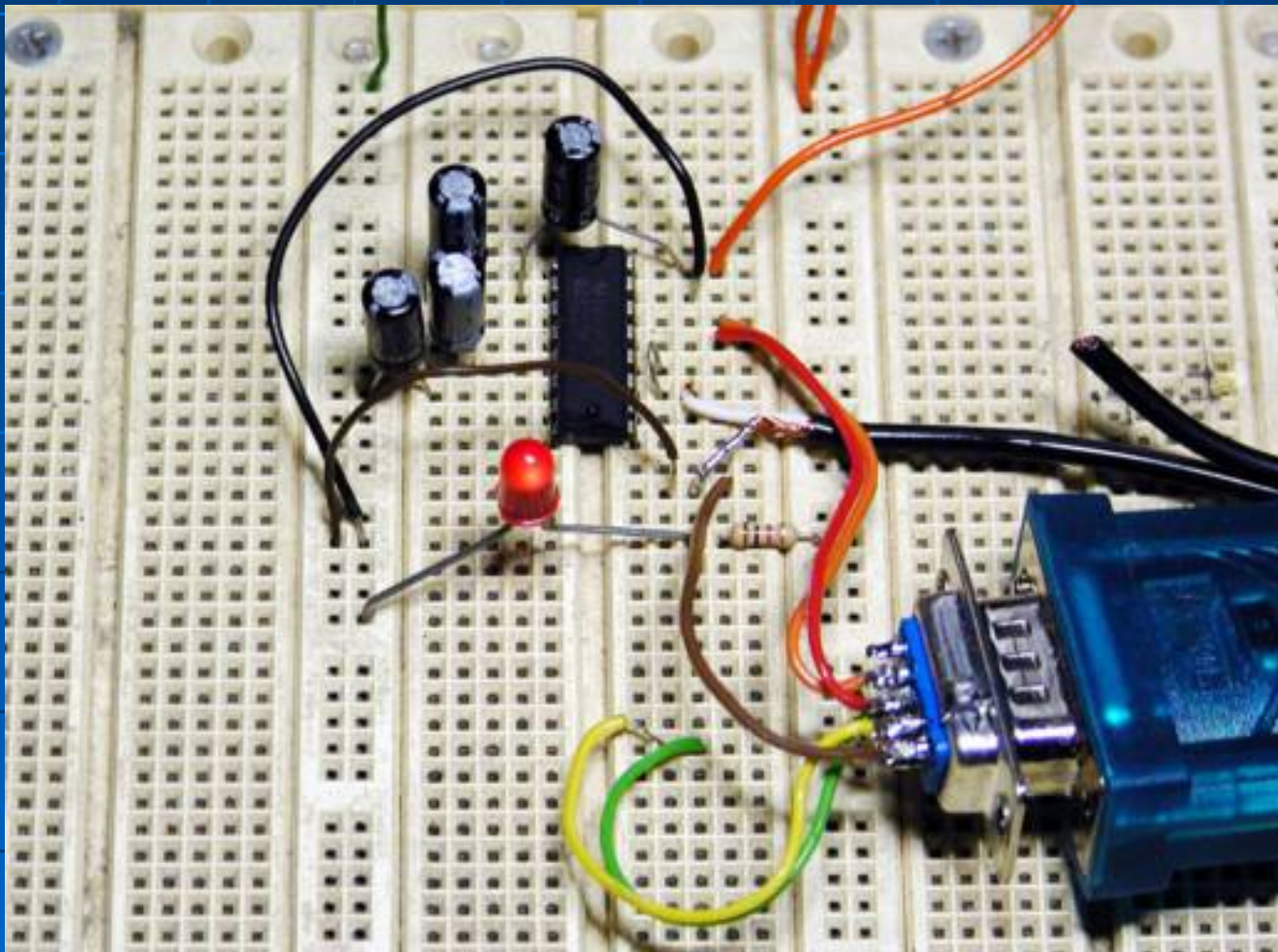
CAT interface

- Kenwood interface MAX232



CAT interface

- Håll det enkelt !

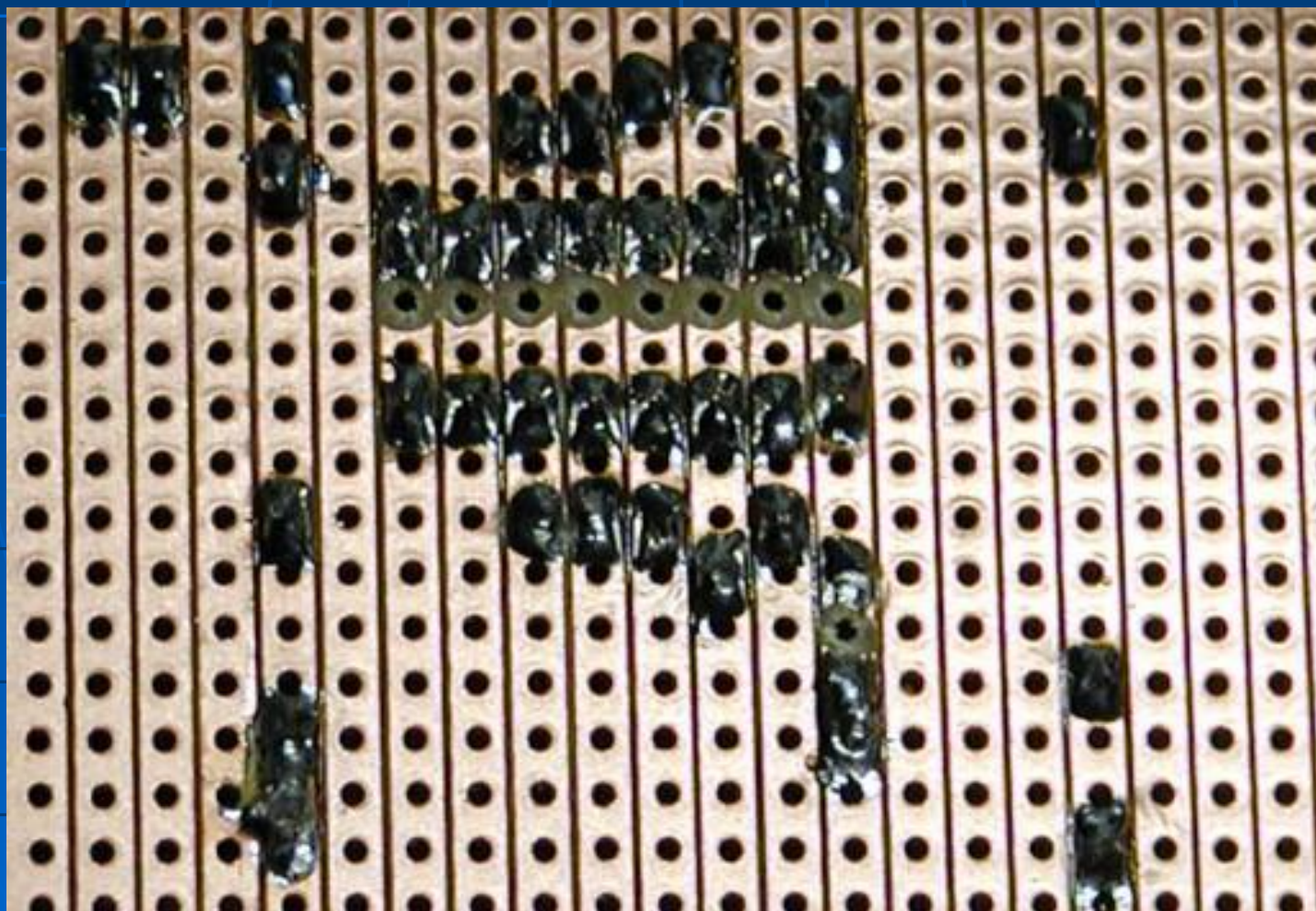


CAT interface

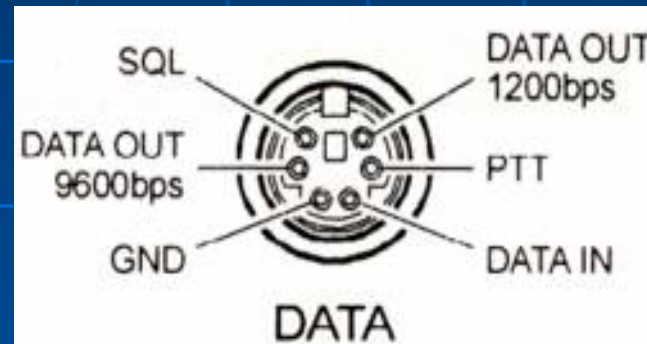
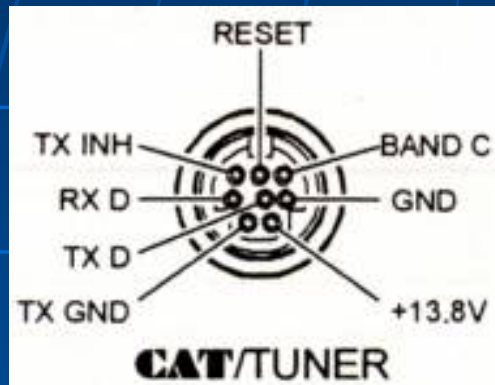
- 1 st MAX 232 krets och sockel
- 4 st elektrolytkondensatorer 1–22uf
- 1 st keramisk kondensator 100pf
- 1 st motstånd 1kohm
- 1 st ljusdiod
- 1 st veroboard
- 1 st liten strömbrytare
- 1 st 9 pins Cannon kontakt hane

CAT interface

- Håll det enkelt!



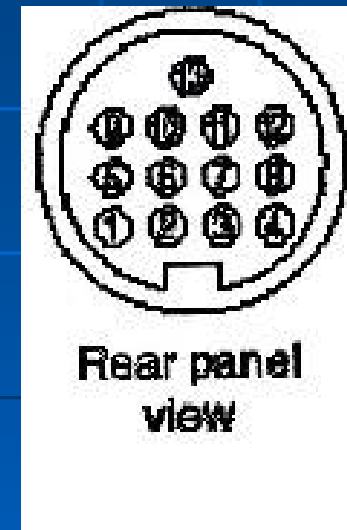
CAT interface



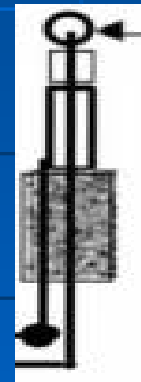
Kenwood
ICOM

CAT och datakontakter Yaesu

CAT kontakt äldre ICOM
nyare har USB



ACC kontakt

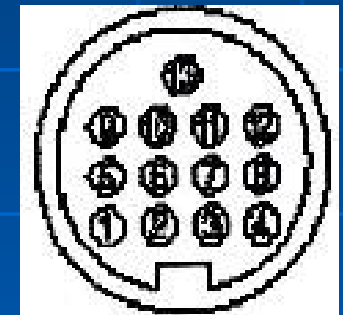
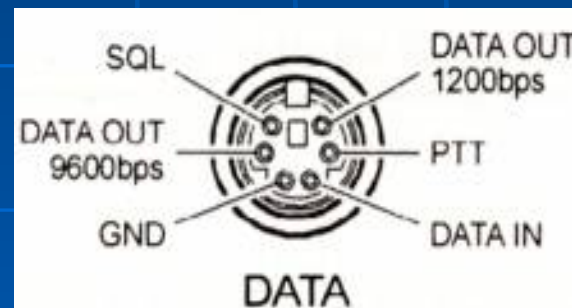
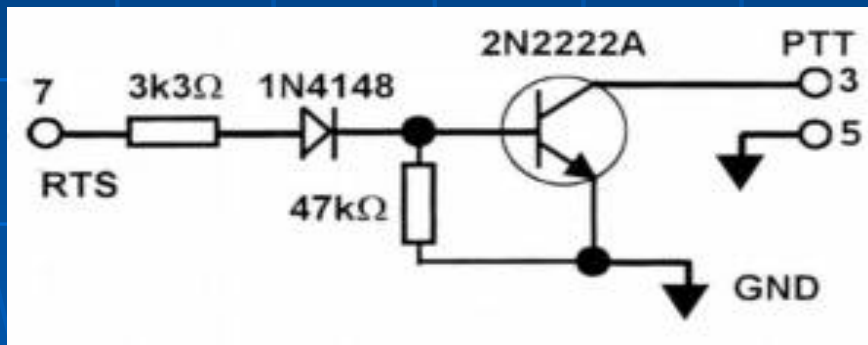


Kolla alltid i riggens manual först

PTT och audio

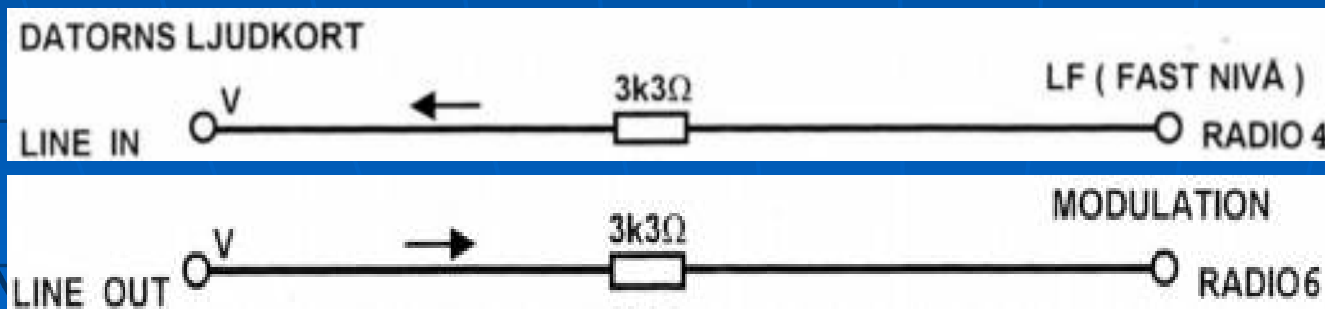
Äldre ICOM ingen PTT via CAT det måste du koppla in via PS2 eller ACC-kontakten

Audio kan kopplas in via samma kontakter



Rear panel
view

ACC kontakt





Program

- http://www.dxzone.com/catalog/Software/Radio_Control/
- <http://www.g4hfq.co.uk/> (Yeasu)
- <http://www.ham-radio-deluxe.com/> mm
- flertalet loggprogram stöder också CAT
- direkt eller via Omni-Rig

Program

Några CAT-koder

COMMAND TABLE

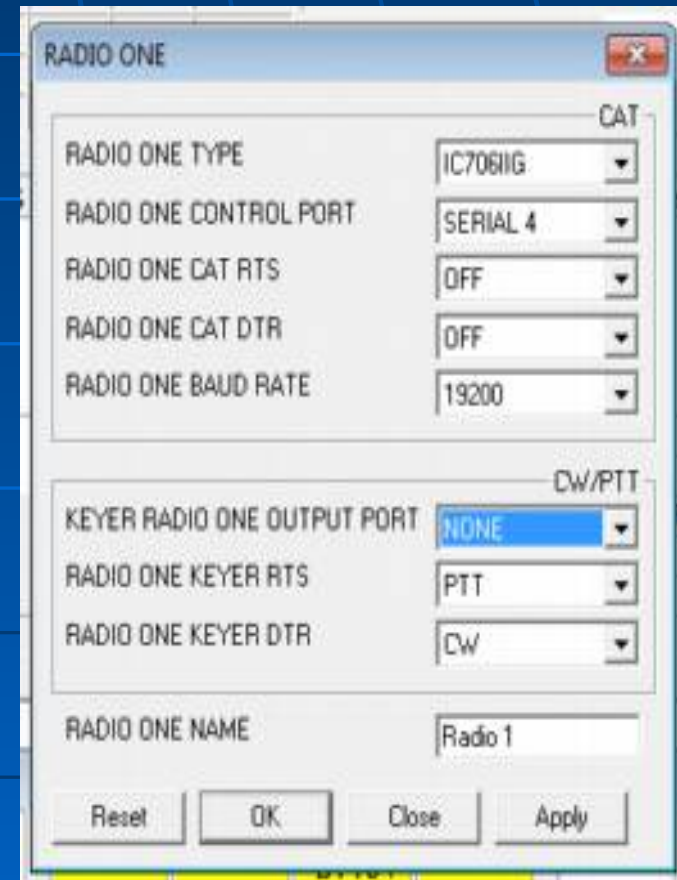
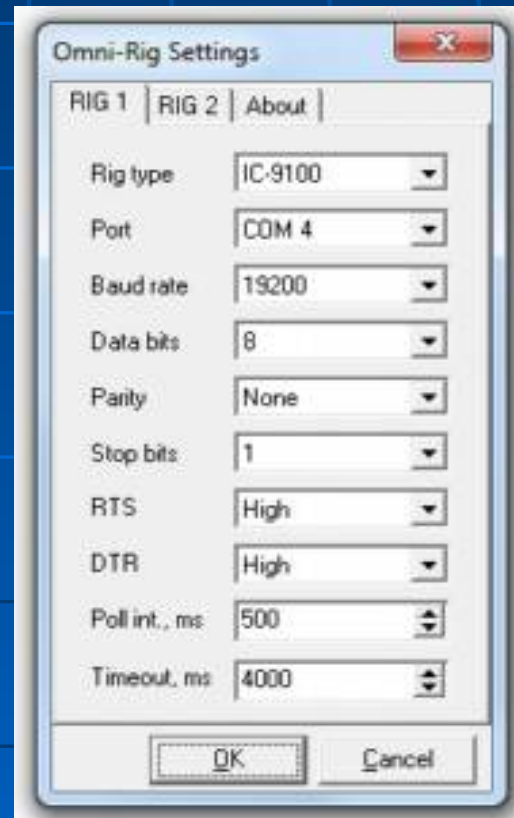
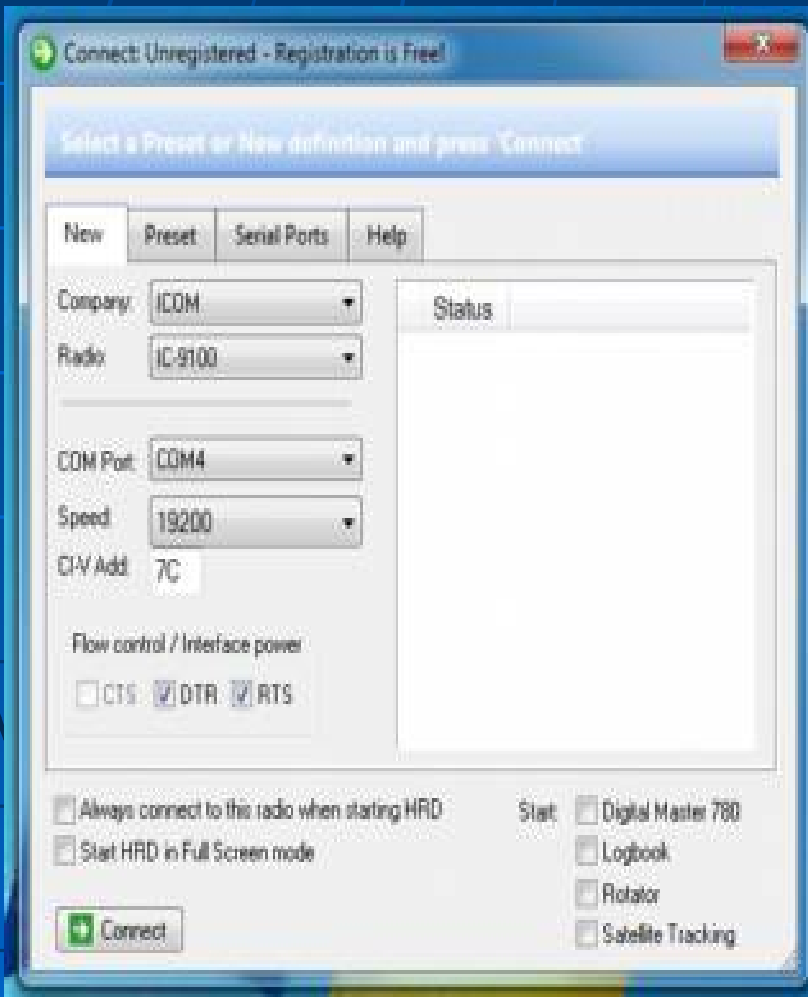
Cn	Sc	Description
00	—	Send frequency data
01	xx	Send mode data
02	—	Read band edge frequencies
03	—	Read display frequency
04	—	Read display mode
05	—	Set frequency data
06	00*1	Set LSB
	01*1	Set USB
	02*1	Set AM
	03*1	Set CW
	04*1	Set RTTY
	05*1	Set FM
	06*1	Set WFM
—	—	Set to VFO
00	—	Set to VFO A

Cn	Sc	Description
0E	00	Scan stop
	01	Scan start
0F	00	Split OFF
	01	Split ON
	10	Simplex mode
	11	Duplex mode
10	12	Duplex + mode
	00	10 Hz TS
	01	100 Hz TS
	02	1 kHz TS
	03	5 kHz TS
	04	9 kHz TS
	05	10 kHz TS
	06	12.5 kHz TS
07	20 kHz TS	



Ansluta

COM-inställningar i HRD, OmniRig och TR4W



CAT interface

Tack för visat intresse
nu återstår bara det praktiska