

## MI26

### VHF MARINE TRANSCEIVER

### MIC MOD

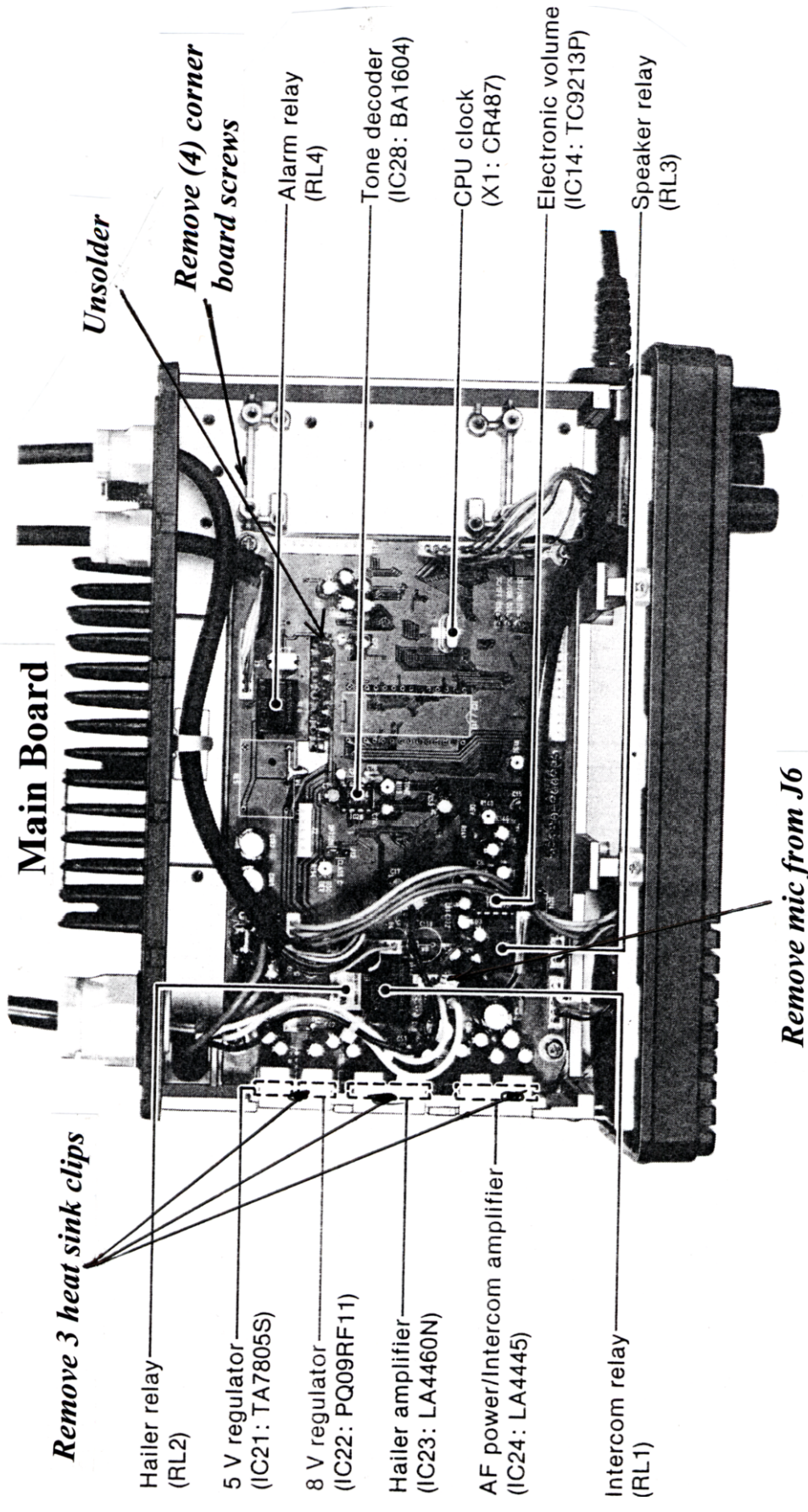
Gjkw2/14/01

The original EMS2 and EM83 microphones are no longer available. The MI26 can be modified to accept a replacement HM114 hand microphone.

- 1- Remove the 6 screws on back of the MI26 holding the case in place and slide the case off
- 2- Unplug the old mic from the MAIN board J6 jack and remove
- 3- Remove IC-retaining clips for IC24, IC23 and IC22
- 4- Remove 4 retaining screws from corners of MAIN board
- 5- Carefully unplug all connectors from MAIN board
- 6- Unsolder 7 chassis feed through connections
- 7- Flip the MAIN board over the back of the radio
- 8- Unsolder the J6 connector and install a new J6 connector (#936-05432) .
- IO-On bottom of MAIN board, run a jumper from pin 1 to pin 7 of J6
- 11-Sleeve ends of a 4.7K resister (#915-01171), connect one end to pin 5 of J6 and the other end to pin 4 of J2.
- 12-Route new mic cord into radio and plug into J6.
- 13-Reassemble radio.

Note: *Up/Down buttons will notfunction on the new mic.*





**Main Board**

*Remove 3 heat sink clips*

Hailer relay  
(RL2)

5 V regulator  
(IC21: TA7805S)

8 V regulator  
(IC22: PQ09RF11)

Hailer amplifier  
(IC23: LA4460N)

AF power/Intercom amplifier  
(IC24: LA4445)

Intercom relay  
(RL1)

*Unsolder*

*Remove (4) corner  
board screws*

Alarm relay  
(RL4)

Tone decoder  
(IC28: BA1604)

CPU clock  
(X1: CR487)

Electronic volume  
(IC14: TC9213P)

Speaker relay  
(RL3)

*Remove mic from J6*

*Unplug all board connectors*

# Main Board Top

Add 4.7K resistor (915-01171)

pin 5 of J6  
to pin 4 of J2

J2 pin 1,2,3,4,5

Unsolder

Pin 1,2,3,4,5,6,7,

Add jumper  
pin 1 to pin 7 J6

Unsolder jack (J6)  
replace with 936-05432

