

John's repaired antenna

Corrected Feed

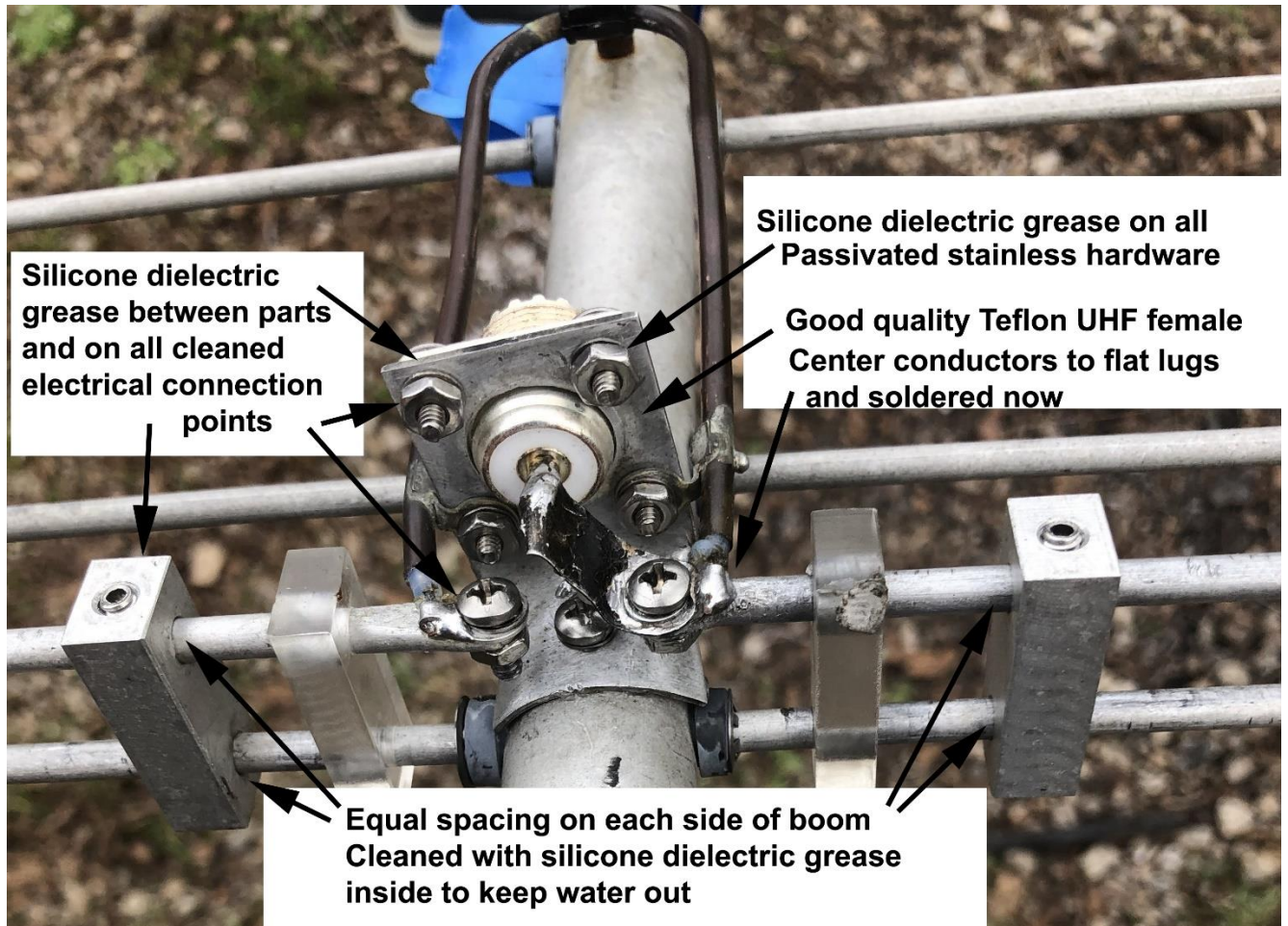


Figure 1 Corrected Hardware and feed

Jeff WB8LYJ Antennas

1296 36 element yagi - Folded dipole feed.

Two loops come out of the driven element block.

Pretty sure this is a 4:1 balun.

Waterproofed with clear acrylic spray.

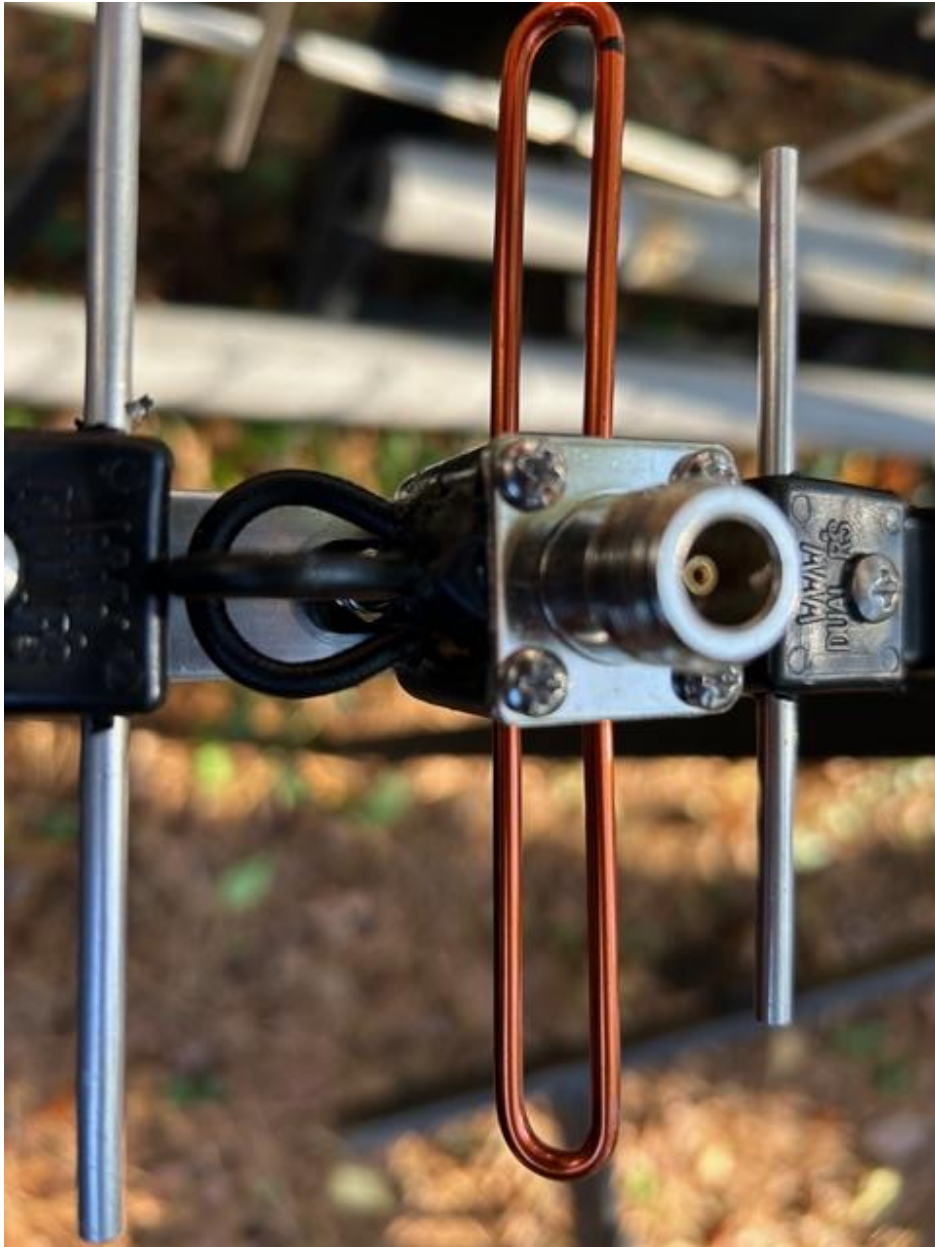


Figure 1

2m M2 9 element - T Match



Figure 2

6m YU7EF 6 element - direct 50 ohm feed.

DE is connected in the middle with some fiberglass rod.

Ferrite choke of #31 cores on coax.

I am going to redo so that the feed line passes through the boom and goes along the bottom of the boom instead of around the side.



Figure 3

1296 45 element Loop Yagi.

Elements are 1 wavelength +/- what is needed for Ref and DE lengths.

There are 2 reflectors behind the DE.

Match is adjusted by flattening the DE and bending the adjacent reflector and driven element back and forth.

Waterproofed with clear acrylic spray. The antenna works ok but the loops tend to get bent up while transporting. Easy to fix, but a pain.



Figure 4



Figure 5

432 19 element LFA. (Loop Fed Antenna)

All the elements are mounted using Stauff clamps.

Boom is 1.5" square about 15' long.

It looks like my reflector is a bit bent.

Choke is type 61 cores.

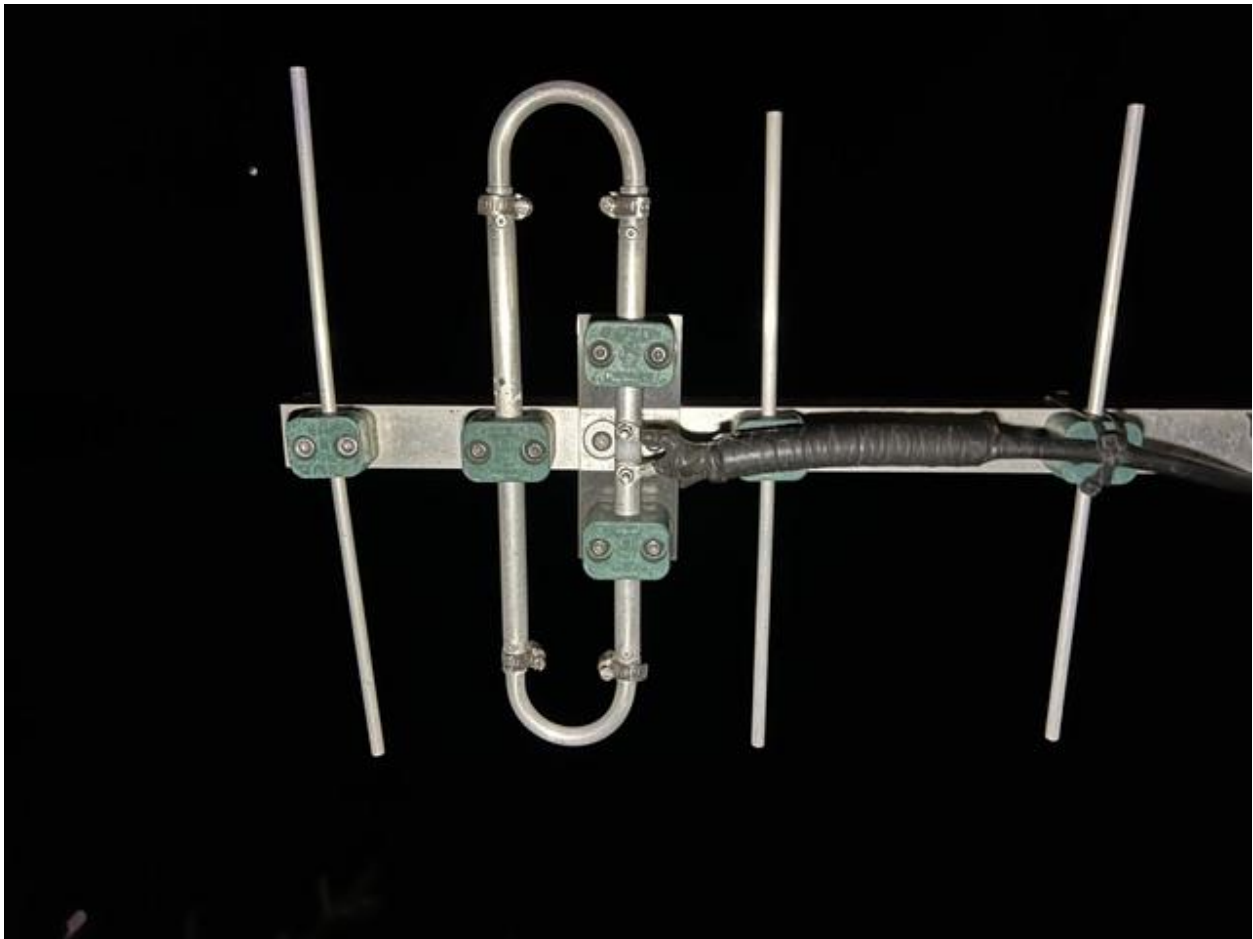


Figure 6