

Deane Bouvier

From: norm.goodkin@gmail.com on behalf of Norm Goodkin [norm@goodkin.net]
Sent: Friday, January 15, 2016 9:48 AM
To: Deane Bouvier
Subject: Fwd: Santa Clarita DCS
Attachments: 20150203_100010.jpg; 20150203_100218.jpg

As I recall, the connection on the picture that has the AH-3 under a sign that says, "Danger High Voltage" has the center conductor of the coax wrapped around the insulated terminal, and a nicely spliced and insulated black wire taking the coax braid to the back of the AH-3 chassis.

The one with the SO-239 suspended in the middle of the air using #12 wire soldered to the connector and connected to the AH-3, is a pigtail that runs to the larger coax nearby.

Steve said he doesn't recall me making contacts, but I did make a contact on 10m with someone in Wisconsin, who said I didn't sound particularly strong or weak, given my location and band conditions. I recall making contacts on both radios, one on 40m, so some RF is leaking out of the coax/antenna somewhere. We did not view the antennas on the mast, but believe that's where they go when they leave the building.

Note that the AH-3 is, in all cases, connected at the far end of the coaxial cable, at the antenna element, and that except for mobile use, when the antenna ground is the vehicle chassis, the AH-3 requires an earth ground connection. Ref: <http://www.manualslib.com/manual/679411/Icom-Ah-3.html?page=3#manual>

----- Forwarded message -----
From: **Norm Goodkin** <norm@goodkin.net>
Date: Thu, Feb 12, 2015 at 4:42 PM
Subject: Santa Clarita DCS
To: Deane Bouvier <n5dq.deane@gmail.com>

Here are photos of the Icom AH-3 connections to the low band radios.
It appears that both AH-3 tuners are connected to 10m resonant antennas, based on SWR readings. There doesn't appear to be a 6m antenna, and we couldn't get a low SWR on 6m through the AH-3.

There is no RF ground in the room.