

CIRA ENGINEERING TECHNICAL REPORT

Date: 12/07/12

Location: On-site

Person/s involved: Student Army

Person/s responsible for resolution (if different from above): DAVE EMRICH.

OBSERVATIONS: For writing a detailed outline of the issue. Details such as the cause (actual, likely or otherwise), prevalence and severity of issue should be included, as well as all other systems and subsystems affected (if applicable). Include pictures, if available.

North-markers found on dipole casing on southern side, not northern side. Identified by fact that LNA is reversed when dipole installed on mesh. Caused by incorrect labelling in factory, estimated that about 50% of all dipoles affected. LNA malalignment would likely have implications for data collection and analysis. No other systems or subsystems affected.

ACTIONS: Efforts undertaken to resolve the issue, and when. If the issue has been resolved, please specify this in the 'NOT YET DONE' column. Include your initials on all statements.

DONE:

13/07/12: All dipoles attached to Rec 01-04 checked, rotated as required. KTS.

08/08/12: All other dipoles on Rec 05-16 checked, rotated as required. DJE.

NOT YET DONE:

N/A – ISSUE RESOLVED. DJE.

FUTURE IMPLICATIONS: Are there any other problems that may arise from the same or similar issues? Conversely, has this issue, or one like it, happened before? Does this issue need to be followed up?

Issue is new. Highly recommend checking all components from [insert company name here] in future. Double check LNA alignment against north-marker when assembling and installing. LNA unlikely to spontaneously rotate after installation, no follow up required.