

**STATEMENT OF WORK-  
3100 PEDESTAL UPGRADE**

This Statement of Work is for the hardware required to upgrade an existing 3100 series antenna pedestal at the NRL Pomonkey Facility. The proposed work is expected to take approximately six months to complete; the estimated period of performance is to be determined.

The NRL Pomonkey Facility utilizes a Scientific Atlanta 3100 series pedestal whose drive system requires an upgrade. The proposed hardware includes servo amplifiers, drive motors, an antenna control unit, encoders, and control cables required to complete the installation. This Statement of Work outlines the work to be done.

The contractor will identify the required hardware to be upgraded as directed by NRL Code 8124. Once identified, the contractor will propose and technically justify their specified replacement hardware to NRL Code 8124. Upon approval, the contractor will deliver the required hardware to the NRL Pomonkey Facility as well as a spare parts kit that includes a master servo amplifier, a slave servo amplifier, an ACU 4100 (or equivalent) module, a servo motor, and an encoder. In addition to the required hardware and spare parts kit, the contractor will deliver a complete drawing package of the upgrade system with enough detail so as to serve as an installation and troubleshooting guide, hardware manuals for COTS items, and an operators manual for the antenna control unit. The contractor will also provide telephone support for the installation, which will be performed by NRL Code 8124.