J. NetComm over Satellite (NetCOS) Assembly

The NetCOS assembly provides NetComm RF coverage for equipment located in isolated areas. The NetCOS assembly uses NetComm radios to communicate with equipment, but the “back haul” communication takes place through the iDirect Satellite system, which is transparent to the operators. All communication electronics are housed in a NEMA 4 enclosure that is mounted to a wood pole along with the satellite dish and radio antennas. Construction details are located in DAP, AP 705.

NetComm Engineering is responsible for providing and coordinating NetCOS installation request.

K. Weather Monitoring System

In an effort to integrate meteorological data with infrastructure asset information, SCE is installing weather stations throughout the distribution system. Powered by 65-watt solar panels, SCE’s weather stations can track and log humidity, temperature, irradiance and wind speed. This data is used for supporting Public Safety Power Shutoff criteria. This data is communicated via satellite. However, cellular-based weather stations still exist in the field.

Weather stations are installed in high fire risk areas (HFRA). The location of these weather stations is determined by Business Resilience team meteorologists and installed by Distribution Automation crews. Western Weather Group facilitates installation material to the Business Resilience team and provides field support to the Automation crews. Construction details are located in DAP, AP 810.

L. Occupying Both Sides of Thoroughfares with Class H Circuits

In accordance with the last paragraph of Rule 31.3 of General Order 95 of the Public Utilities Commission, Class H circuits shall not occupy both sides of thoroughfares except where special permission is obtained from the California Public Utilities Commission (CPUC). An exception might be when prior to such construction, the pole-setting line operator shall have filed with the CPUC a description of the route and configuration of the lines involved and copies of letters showing mutual consent for such occupancy by all pole-using line operators having service areas or routes in the vicinity of the thoroughfare concerned.

In order to comply with Rule 31.3 where it is contemplated that Class H circuits will occupy both sides of thoroughfares, contact the T&D G.O. 95 representative and provide the following:

- ☐ A sketch of the lines involved showing their general location with respect to other thoroughfares in the area. The sketch shall show existing and proposed Class H circuits, and shall show any communication lines occupying the thoroughfare under consideration.
- ☐ An explanation of our desire to occupy both sides of the thoroughfare. Some of the reasons may be continuity of service (such as separate routes desirable to supply a given load, or bad tree conditions along other alternate routes), no available alternate routes, or excessive mechanical loading of poles, if all wire facilities are placed on one pole line.
- ☐ The names of the communication utilities serving in the area under consideration.