



## Service Bulletin

# Commercial Satellite Communications Systems Division

### SERVICE BULLETIN NPR-007

- Purpose:** Damage has been experienced with induced voltages on the meter leads on the Coastcom Demodulator 412. The following procedure will help to prevent this problem.
- Problem:** The NPR system as currently configured provides the capability of monitoring RF signal levels from the Coastcom 412 Demodulator at the antenna. These long leads provide a path for inducing transients and spikes that may cause damage to the Coastcom 412 Demodulator.
- Solution:** When not using the antenna pointing meter for antenna pointing or checking of the signal level disconnect the leads to open this path to possible equipment damage.
- Procedure:**
1. The coastcom Demodulator Shelf has four terminal blocks located on the rear of the shelf. (One for each Demodulator).
  2. Each terminal strip provides a point for connecting an output to program audio and to the meter circuit in question.
  3. Remove and tag the leads from the terminals marked "Meter" and "Grd".
  4. Any time that antenna pointing or signal level strength is to be checked these leads should be reinstalled only for that period of time necessary to accomplish the checks and then be removed again.