

~~TOP SECRET~~HANDLE VIA
BYEMAN
CONTROL SYSTEM~~EARPOP/HEXAGON~~

LORRI - MISSION 7250

EHF Pallet (26-42 GHz)

Mounted on right side of HEXAGON

Pulse and CW Collection

Two Antenna's

- Low Gain (Main Beam)

Footprint is 1/2 Donut

Inner edge is 300 n.m. from NADIR

Outer edge is 800 n.m. from NADIR

- High Gain (Side Lobe)

Footprint is .8° x 3° beamwidth

Steerable out from NADIR

Dwell time is .2 seond.

One Channelized Receiver

Channel 1 26-30 GHz

Channel 2 30-34 GHz

Channel 3 34-38 GHz

Channel 4 38-42 GHz

Two (one:one) Tape Recorders

Command Options:

- Store up to 20 commands
- Select RF Channel (one at a time)
- Point High Gain Antenna
- Select Tape Recorder

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System Measurements

- Pulse

25X1

- CW

25X1

Location Accuracy:

- Within Antenna Footprint

25X1

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- Plans Briefing to SORS late summer 77

SORS Guidance

- Point Targets
- General Search Targets

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