

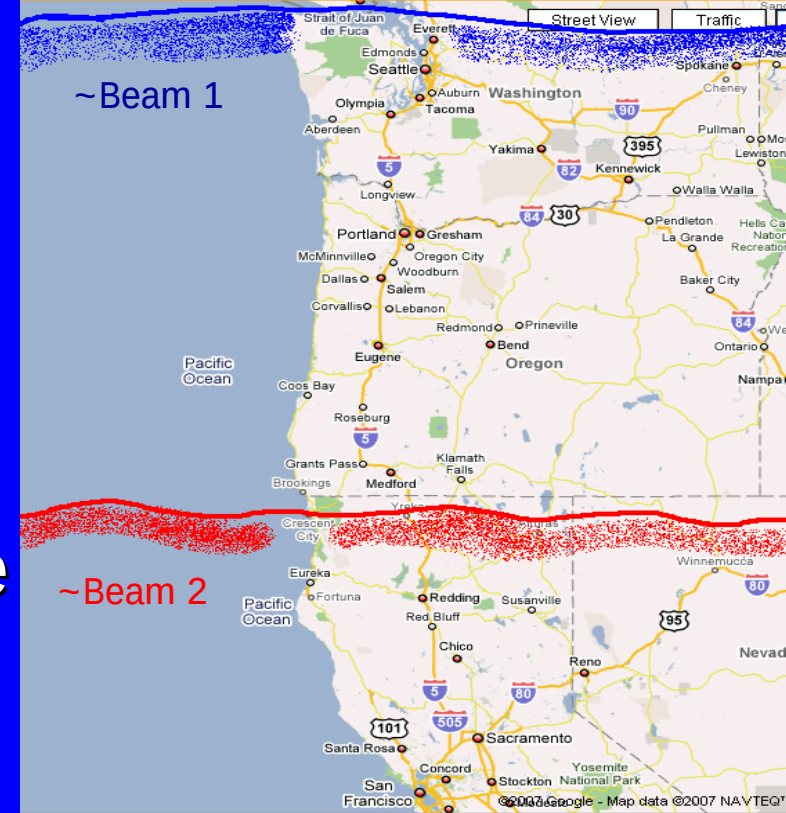
HiSeasNet Install Onboard R/V Point Sur



**Ben Jokinen
Moss Landing Marine Labs**

Challenges so far:

- Mast Masking ($\sim 80^\circ$)
- Pacific NW Beam 2 Coverage
– Crescent City Ca
- Hardware Firmware Bugs / Issues
- Bandwidth vs. # of Users?
- Crew vs. Science Use?





IMARSAT B

HSN

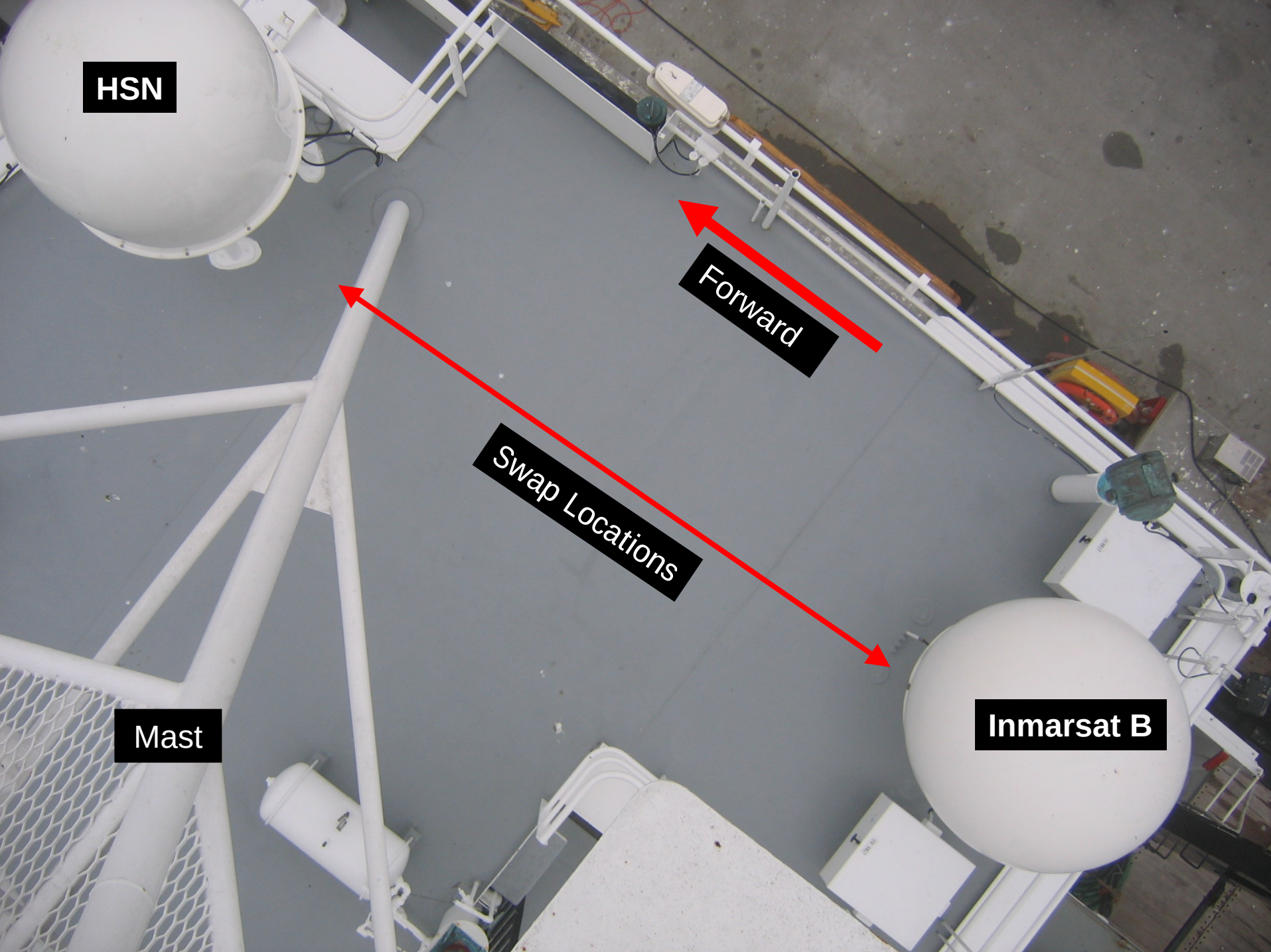
HSN

Forward

Swap Locations

Mast

Inmarsat B







SeaTel
DAC 2200
Antenna Control Unit

- Tracking
- Searching
- Target
- Power
- Initializing
- Error

LON 121 W
209.3

Ship
Satellite
Antenna
Status

NEXT
TRACK



ENTER
RESET



CAUTION
MICROWAVE HAZARD
This unit contains only the antenna.
The power to the RF system must
not be cut before entering the radome.



- UNIT STATUS
- Tx TRAFFIC
- Rx TRAFFIC
- ONLINE
- STORED EVENT
- REMOTE
- EDMAC MODE
- TEST MODE



ENTER
CLEAR

EbNo=06.7dB BER=0.0E-9
delta F= +7.5k Buf=50 RSL=-74

COMTECH
EF DATA
CDM-570L
L-BAND SATELLITE
MODEM



SYS
PWR
AUX
PWR
SYS
ACT



REDUANT POWER SUPPLY
CONNECTION ONLY

2007

Cisco 2800 Series

100-240V - 2A
5400 Hz



R/V Point Sur Network

