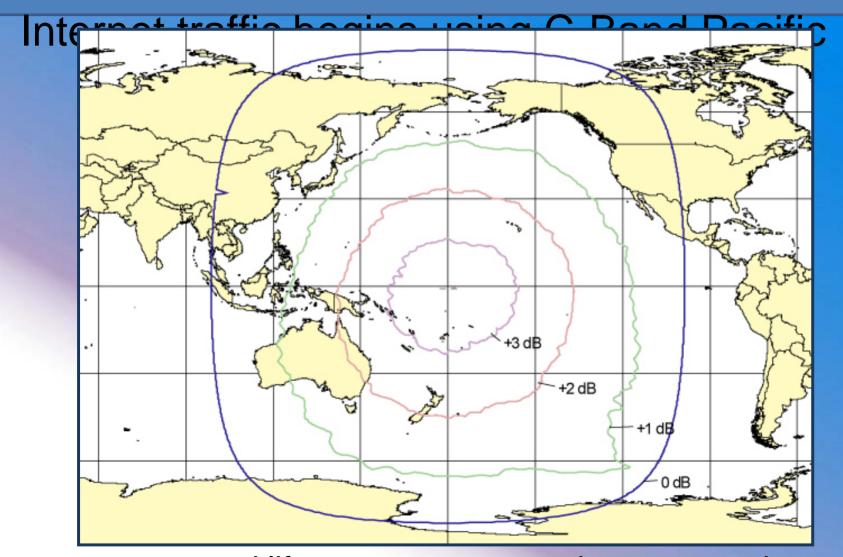
R/V Kilo Moana HiSeasNet



X OTG-01-Banner.jpg

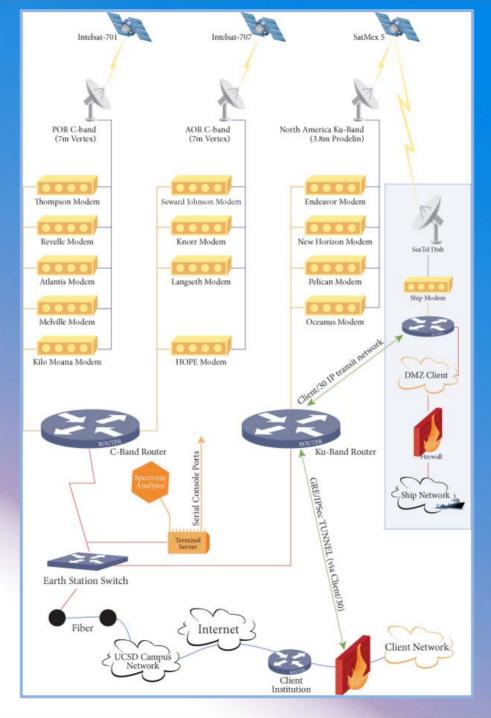


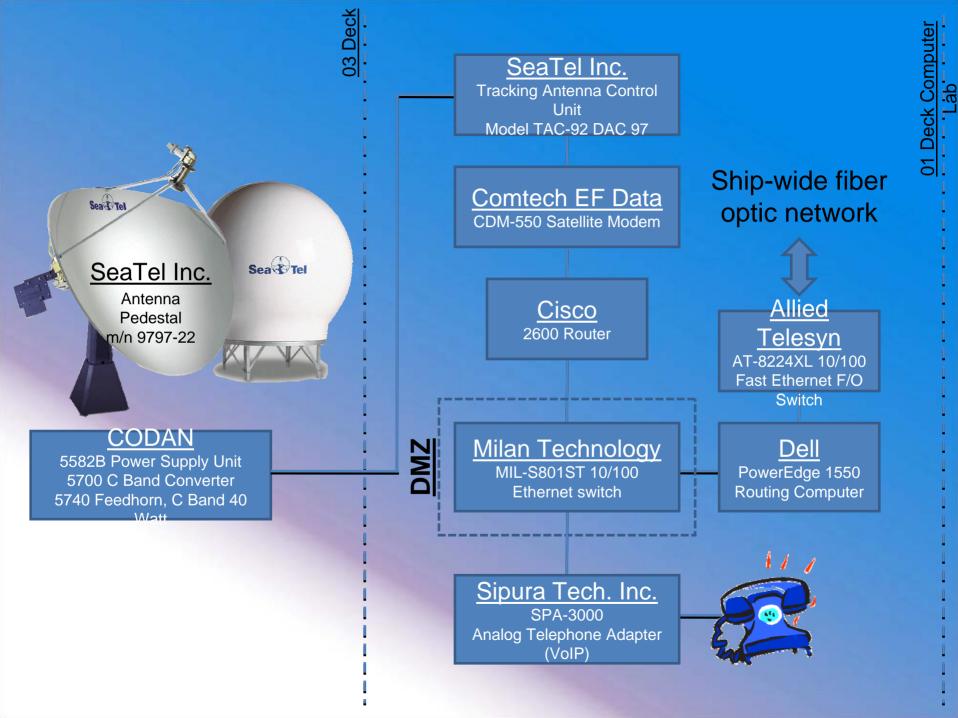
March 2005, installation of HiSeasNet complete



....and life at sea was never the same again







Comparison of Internet Speeds

CNET's Bandwidth Meter Speed Test

http://reviews.cnet.com/Bandwidth_meter/7004-7254_7-0.html?tag=ont.int.band

Average Number of Users at Given Moment:

HiSeasNet

Average Wired¹ Speed: 66 kbps Maximum Wired Speed: 106.7 kbps

Average Wireless² Speed: 58 kbps Maximum Wireless Speed: 113.5 kbps *(during the breakfast rush)

HOME / OFFICE

Average Wired³ Speed: 1262kbps Average Wireless⁴ Speed: 766 kbps

1 –HiSeasNet access using 802.11 b/g wireless card, Belkin N1 Wireless Router, XXXX Switch

2- HiSeasNet access using Milan Technology MIL-S801ST 10/100 fiber optic switch, XXXX Switch

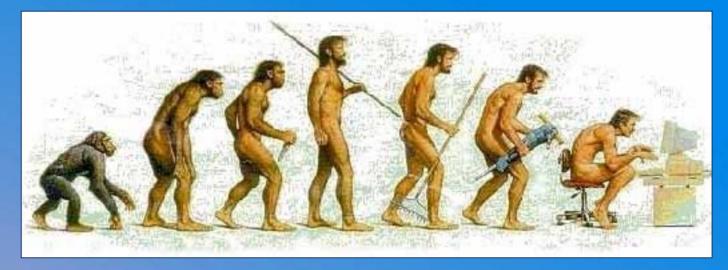
3 - EarthLink high speed access using digital cable modem

4 – EarthLink high speed access using digital cable modem and U.S. Robotics 802.11 b/g Wireless Turbo Router

Shipboard Internet Set-Up and

- Three Dollar addresses for off-ship access provided to on-coming science parties
 - •Variations:
 - Chief/Co-Chief Scientist
 - •Public computer in science lab, available to all science party
 - Wireless router in conference room and/or science lab, available to all
 - Video conferencing using iChat, Macintosh computer & iSight portable camera
- Other internet access points:
 - •Two public computers in library (one Mac, one PC) available to science and crew
- Other Users with access:
 - Master
 - Chief Engineer
 - Chief Mate
- Bridge Computer (weather reports, Notice to Mariners, etc.)
 Restrictions
 Marine Technicians
 No FTP, only Secure FTP/SSH access (FTP available through DMZ)

- No POP3 access
- No Skype or instant messaging on public computers
- •Currently parental controls are active on new Windows Vista PC's
 - •No restrictions on viewing content, but websites visited are logged



Thanks!

National Science Foundation Steve Foley, Scripps Institution of Oceanography Mike Simpson, Research Computing Facility, University of Hawaii



SCHOOL OF OCEAN AND EARTH SCIENCE AND TECHNOLOGY UNIVERSITY OF HAWAI'L AT MANOA http://www.soest.hawaii.edu/OTG/



