◀ PEACESAT EARTHSTATION ▶

The PEACESAT network provides voice teleconferencing, access to electronic mail, web applications, and interactive video conferencing. There are varying levels of earth stations, see Table 1.

Table 1: Types of PEACESAT Earth Stations		
Earth Station Type	**Antenna Size**	**Services**
Standard	3 Meter	• Voice, Data, Fax • 3 Full Duplex, 9 Half Duplex Analog Circuits • Phone Patching • 9.6 Kbps Data Rate • Manual Tracking
Digital Upgrade	3 Meter	• Same Services as Standard • Autotrack Controller • Digital Modem Interface • Digital Satellite Modem • Digital Data Speeds from 32Kbps to 128Kbps • Single-Axis Autotracking
Emergency Management	3.5 Meter	• Same Services as Digital Upgrade • Radome Protects Dish up to 150MPH Winds
EMWIN	1-2 Meter	• Simplex (Receive Only) • Receive Data Transmissions • 9.6Kbs Data Rate • Fixed & Dual-Axis Autotracking
Network Hub Site	6-10 Meter	• Capable of Supporting Multiple

- Simultaneous Voice, Data, & Video Conferencing Connections
- Capable of Broadcasting Data & Video Conferencing
- 3 Full Duplex, 9 Half Duplex Analog Circuits
- Phone Patching
- Capable of Broadband Data Transmissions
- Dual-Axis Autotracking

PEACESAT EARTHSTATION

University of Hawaii at Manoa • 2424 Maile Way • Saunders Hall Room 713 • Honolulu, Hawaii 96822

Tel: (808) 956-8848 • Fax: (808) 956-8019 • Email: peacesat@elele.peacesat.hawaii.edu