



SOCIETY OF BROADCAST ENGINEERS · SAN FRANCISCO BAY AREA · CHAPTER 40

BY E-MAIL CEDRIC.TAYLORWMACKAYCOMM.COM

June 5, 2006

CHAIRMAN

A. ARTHUR LEBERMANN, CPBE
Stations KGO/KSFO/KMYK
San Francisco, CA
415/954-8150 (voice)
510/791-1422 (fax)
artleb@earthlink.net

VICE CHAIRMAN

PAUL MARKS
Stations KBLX-FM/KTVO
San Francisco, CA
415/284-1029 (voice)
415/764-4959 (fax)
pmarks@kblx.com

SECRETARY

DANE E. ERICKSEN, P.E.,
CSRTE, 8VSB, CBNT
Hammett & Edison, Inc.
San Francisco, CA
707/996-5200 (voice)
707/996-5280 (fax)
dericksen@h-e.com

**TREASURER
NEWSLETTER EDITOR
CERTIFICATION CHAIR**

ROY TRUMBULL, CSTE
Retired
El Cerrito, CA
510/525-7242 (voice)
rtrumbull@earthlink.net

BABES LIAISON

PAUL T. BLACK, CSRE
Staff Engineer, Bonneville
Stations KZBR/KOIT/KDFC
San Francisco, CA
415/908-6569 (voice)
pblack@koit.com

Mr. Cedric Taylor
Account Manager
Mackay Communications
3691 Trust Drive
Raleigh, North Carolina 27616

Dear Cedric:

Thank you for the presentation at the May 31 joint meeting of SBE Chapter 40 and the Bay Area Broadcast Engineers Society (BABES). As you can see from the attached meeting signup sheet, we had a good attendance of 22 persons.

Your presentation about the Broadband Global Area Network (BGAN) using portable satellite modems the size of a small cigar box, capable of communicating with geostationary Inmarsat satellites in the 1.5 GHz L Band using high-power spot-beams, was quite interesting. It's amazing how far the technology has progressed: USB, Ethernet, WLAN, ISDN and other communications from essentially anywhere on the planet in a six-pound package.

From an on-line search, I have learned that the Hughes HNS9201 has a TPO of 3.2 watts, an antenna gain of 15 dBi, and an EIRP of 20 dBW, or 100 watts, so that explains the need for the yellow RF warning symbol.

Thanks for a fine presentation; this was an interesting change from our usual talks involving studio gear and broadcast transmitters.

Sincerely,

Dane E. Ericksen

Enclosure

cc: Mr. A. Arthur Lebermann - BY E-MAIL
Mr. Paul Marks - BY E-MAIL
Mr. Roy Trumbull - BY E-MAIL
Mr. Paul T. Black - BY E-MAIL