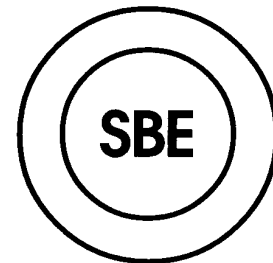


Phone: (317) 253-1640
Fax: (317) 253-0418
Job Line: (317) 253-0474
Web Site: <http://www.sbe.org>

SOCIETY OF BROADCAST ENGINEERS, INC.

8445 Keystone Crossing, Suite 140, Indianapolis, IN 46240



OFFICERS

President
EDWARD J. MILLER, CPBE
PATLIN Electronics, Inc.
4605 West Streetsboro Road
Richfield, OH 44286
Phone: (330) 659-7262
Fax: (330) 659-9336
emiller@ameritech.net

Vice President
TROY D. PENNINGTON, CSRE
COX Radio, WZZK AM/FM, WODL-FM
301 Beacon Pkwy W, Ste 200
Birmingham, AL 35209
troy.pennington@cox.com

Secretary
THOMAS P. WEBER, CPBE
WISH-TV 8
1950 N. Meridian St.
Indianapolis, IN 46202
tweber@wish-tv.com

Treasurer
JAMES (ANDY) BUTLER, CPBE
Public Broadcasting Service
1320 Braddock Place
Alexandria, VA 22314
abutler@pbs.org

BOARD OF DIRECTORS
RAYMOND C. BENEDICT, CPBE
CBS Corporation
600 New Hampshire Ave. NW, Suite 1200
Washington, DC 20037
rcbenedict@cbs.com

RICHARD L. EDWARDS, CPBE
Tower America Corp
10100 W. Sample Rd.
Coral Springs, FL 33065
redwards@sbe.org

DANE E. ERICKSEN, P.E., CSRT
Hammett & Edison, Inc.
Box 280058
San Francisco, CA 94128
dericksen@h-e.com

SAMUEL E. GARFIELD, CPBE
Technical Broadcast Consultants, Inc.
P.O. Box 97292
Raleigh, NC 27624
garfield@vnet.net

ROSSNIKLAS, P.E., CBT
WTHR
1000 N. Meridian St.
Indianapolis, IN 46204
alg@wthr.com

ROBERT P. HESS, CPBE
WBZ-TV WODS-FM WBZ-AM
1170 Soldiers Field Road
Boston, MA 02134
bhess@boston.cbs.com

RALPH R. HOGAN, CPBE
Washington State University
P.O. Box 642530
Pullman, WA 99164-2530
rhogan@mail.wsu.edu

JEFFREY A. KEITH, CPBE
WMJI Radio
310 W. Lakeside Ave., 6th Floor
Cleveland, OH 44113
jef@wmji.com

KEITH M. KINTNER, CPBE
KLCS-TV 58
1061 W. Temple St.
Los Angeles, CA 90012
keithkint@earthlink.net

CHRISTOPHER H. SCHERER, CSRE
BE Radio Magazine
9800 Metcalf
Overland Park, KS 66212
chrs@broadcast.net

JERRY C. WHITAKER, CPBE
Technical Press
393 Yellowstone Drive
Morgan Hill, CA 95037
techpres@gte.net

LARRY J. WILKINS, CPBE
Cumulus Broadcasting
P.O. Box 4999
Montgomery, AL 36103
wilkins@wivi.com

IMMEDIATE PAST PRESIDENT
TERRENCE M. BAUN, CPBE
Criterion Broadcast Services
5300 W. Garfield Ave.
Milwaukee, WI 53208-1018
tbaun@sbe.org

EXECUTIVE DIRECTOR
JOHN L. PORAY, CAE
jporay@sbe.org

AFFILIATED WITH:
ABES of Canada
AMITRA of Mexico
ANDEBU of Uruguay
BES of India
CCBE of Canada
KBETA of Korea
SBETP of Philippines
SET of Brazil
WABE of Canada

January 15, 1999

Mr. John Hearne
Chief Executive Officer
WCS Radio, Inc.
2420 Sand Hill Road
Menlo Park, California 94025

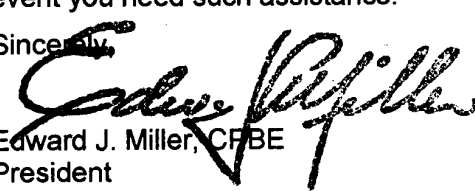
Dear Mr. Hearne:

I am the president of the Society of Broadcast Engineers, Inc., a non-profit trade group with over 5,000 members worldwide. SBE is active in spectrum issues affecting Broadcast Auxiliary Service ("BAS") frequencies, and in that capacity your November 13, 1998, applications for Satellite Space and Earth Station Authorizations have come to our attention. Those applications propose two 600-kHz wide uplink channels, at 7,047 and 7,048 MHz. These frequencies would be co-channel to TV BAS Channel B7 (7,025-7,050 MHz). This channel, along with the nine other 25-MHz wide 7 GHz TV BAS channels, is used terrestrially by TV stations for their studio-to-transmitter links ("STL") and for point-to-point inter city relays ("ICR").

In the past, SBE has informally objected to launch applications that proposed BAS band frequencies but did not acknowledge that this is a shared band or address frequency coordination issues. I am happy to see that is not the case for the WCS Radio applications (FCC File Nos. SAT-LOA-19981113-00085 and SAT-LOA-19981113-00086), and because of this, SBE will not be opposing either application. Indeed, your application states, at Page 6, that "WCS Radio intends to coordinate with existing services in the 7,025-7,050 MHz band using the same techniques that are used in the coordination of existing Fixed-Satellite earth stations." On behalf of SBE, I thank you for your consideration of other band users.

To assist you in that task, I am enclosing a national listing of SBE-affiliated BAS frequency coordinators. SBE maintains this list and provides quarterly updates to interested parties. When it comes time to select an uplink location (hopefully one as far as possible from major population areas, where 7 GHz TV BAS frequencies tend to be heavily used), please contact the closest coordinator for assistance. These coordinators are all volunteers and generally do not charge for their services, which are of a "clearing house," rather than a design nature. These coordinators can also refer you to consulting engineers in the area of the uplink who are familiar with the locations of terrestrial TV BAS stations and can conduct the necessary frequency coordination studies, in the event you need such assistance.

Since you


Edward J. Miller, CPBE
President

Enclosure: January 1, 1999 Issue SBE Frequency Coordinators List

cc: Mr. Scott Harris, Esq., Harris, Wiltshire & Grannis LLP
Mr. Rick Edwards, CPBE, Chairman, SBE Frequency Coordination Committee
Mr. Dane E. Ericksen, P.E., CSTRE, Chairman, SBE FCC Liaison Committee
Mr. Christopher D. Imlay, Esq., SBE General Counsel