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FCC FORM 442 (EXHIBIT ONE)

November 11, 1996

Federal Communications Commission
Experimental Radio Service
P.O. Box 358320
Pittsburgh, Pa 15251-5320

To Whom It May Concern:

On behalf of the Texas GPS Committee, I request an experimental license for testing the transmission of Differential Global Positioning System (DGPS) corrections on the Temple 300 foot tower per the enclosed FCC Form 442. The owner/operator of Temple tower has granted permission to use his facility for testing. DGPS provides real-time Geographical Information Service (GIS) mapping data urgently needed by several Texas state agencies such as the Department of Transportation, Texas Parks and Wildlife, Texas Railroad Commission, and others.

This "Temple Tower Project" will not interfere with the existing use of the tower. If interference is experienced, it will either be corrected or DGPS use of the antenna will be discontinued.

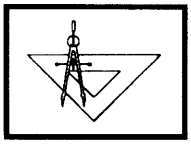
One insulator will be installed on each existing guy wire at between 8 and 12 feet and cables will run approximately 8 feet above the ground from the base of the tower connecting to a point just above the insulators. DGPS corrections will be broadcast at frequencies between 283 kHz and 325 kHz. The frequency requested is 324 kHz. Because these frequencies are approximately 150 times lower than the VHF transmissions presently in use, we do not anticipate any interference problems.

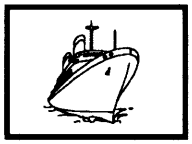
Existing Differential GPS correction broadcasts presently provided by the U.S. Coast Guard do not provide coverage in areas of Texas that will undergo testing.

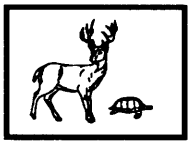
If successful, this new method of providing MSK modulated signals in the marine band spectrum will prove invaluable for future expansion of the DGPS service. Our system could be installed on existing towers with no environmental impact.

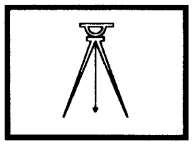
Sincerely,

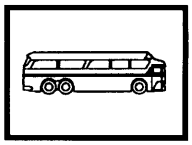
Clarence W. Fowler
President


Engineering Services


Marine Navigation


Wildlife Monitoring


Geographic Information Systems


Vehicle Tracking


Aviation Navigation

Starlink MRB Radiobeacon Receiver Configuration Version 1.1 DAF

Configure Receiver: [M]Main [ArrowKeys]Select [R]Read Dir [W]Write Dir
[D]Disable [E]Enable [U]US Only [G]Graph GB [S]Graph Signal Strength

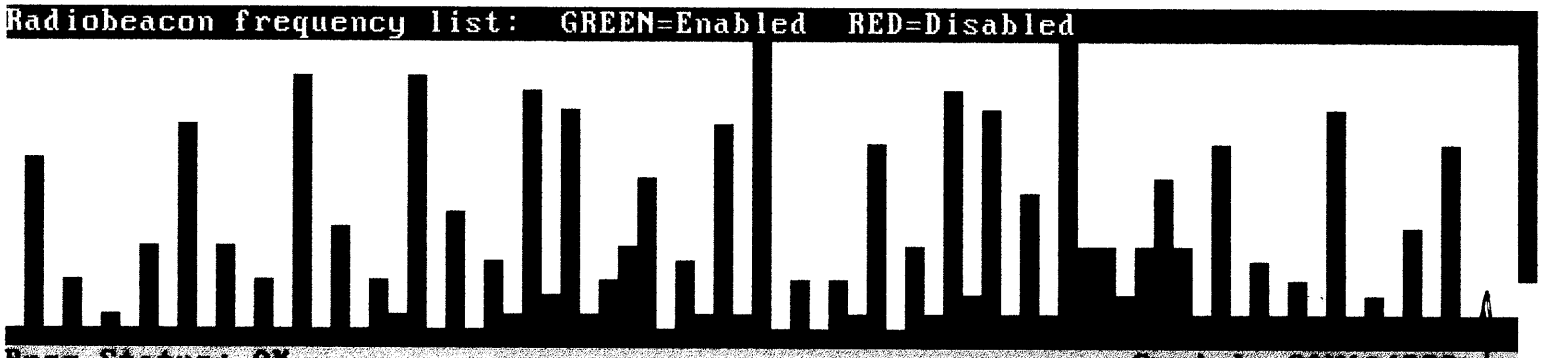
Status	Mode	Frequency	Bit Rate	Signal Level	SNR	Sferics
Channel 1	Auto	299.0 KHz	200 BPS	37 dBuV	7 dB	399 Counts
Channel 2	Scanning	313.5	50	17	0	

Receiver:	S/W Version	Antenna	Beacon Directory	Sent	Received
	2.38	OK	Invalid	REQ_SLFTEST	SLFTEST

RTCM Status	Sync	Word	MSG Type	Total:Words	Bad	%Error	Short Term
Channel 1	[4]	GOOD	[09]	0000000203	0000000008	3.94	2.00
Channel 2							

Dir Data:	Valid	Frequency	Baud	GB	Signal	Validity
	Yes	325.0KHz	0BPS	5%	18dBuV	0 Counts

Radiobeacon frequency list: GREEN=Enabled RED=Disabled



Prog Status: OK Serial: COM1@4800

324 clear.

Frequency of 324 kHz is clear. Above graph depicts scan of 285-325 over 24 hour period.