

ATTACHMENT 1- purpose of experimental license request by Southeast Texas Telecom

This request for an experimental license is to conduct 'propagation studies' matching similar operations in the amateur radio service in the country of South Africa:

(<https://www.icasa.org.za/Portals/0/Regulations/Working%20Docmuents/Radio%20Frequency%20Spectrum%20Regulations/RFSR2015.pdf>) . The request is for use of the frequency range between 40.675MHz and 40.685MHz, utilizing A3J USB, 10K0F3 FM voice and A1 CW transmissions only, though the requester may wish to add narrow band data transmissions at a later date and will request modification of the experimental license at that time.

A maximum power of 400 watts ERP (26dBW) is requested for this study. Operation is requested on a co-primary status with no harmful interference allowed to existing users currently licensed on that segment of frequencies.

Communications only with stations in the US under this experimental license and those in South Africa under the Amateur Radio service would be permitted, though requester may wish to add additional stations/countries if they become available (requester asks for a blanket waiver to automatically cover any new authorizations in other countries).

Requester would be the Single Point of Contact for any operations under this request and would act as coordinator for any users to be authorized under this experimental operation. Amateur radio callsigns of those participating in this request would be authorized ONLY after they had been granted coordination by the requestor, who will keep all such documentation for the period of the experimental license, after which a request for change in the amateur radio service may be filed to reflect the outcome of this research.

Respectfully submitted,

Christopher W. Boone

WB5ITT

President, Southeast Texas Telecom, LLC