

From: DAVID F CURRY [DAVIDCURRY@prodigy.net]
Sent: Tuesday, September 02, 2003 10:26 PM
To: Anthony Serafini
Subject: Abstract of eperiments

Dear Sir/Madam,

My aim is to evaluate the use of phase modulation and advanced software, commonly refereed to by radio amateurs as PSK31, for practical operation on the low frequency band. This form of transmission may be very effective in this area because of it's inherent narrow band width and the ability of software to improve signal to noise ratio. As you may already know, low frequencies, particularly in the United States, are placed with man made noise. I believe digital communication may help in overcoming this nuisance. I would like to send a beacon at 31 baud, then progressively go to a slower rate and compare the results heard by other stations. This software may then be optimized and used by other's who need practical improvements in communications operation.