

Exhibit 1 to FCC Form 442 for ELB ACTD

Antenna Types to be Used

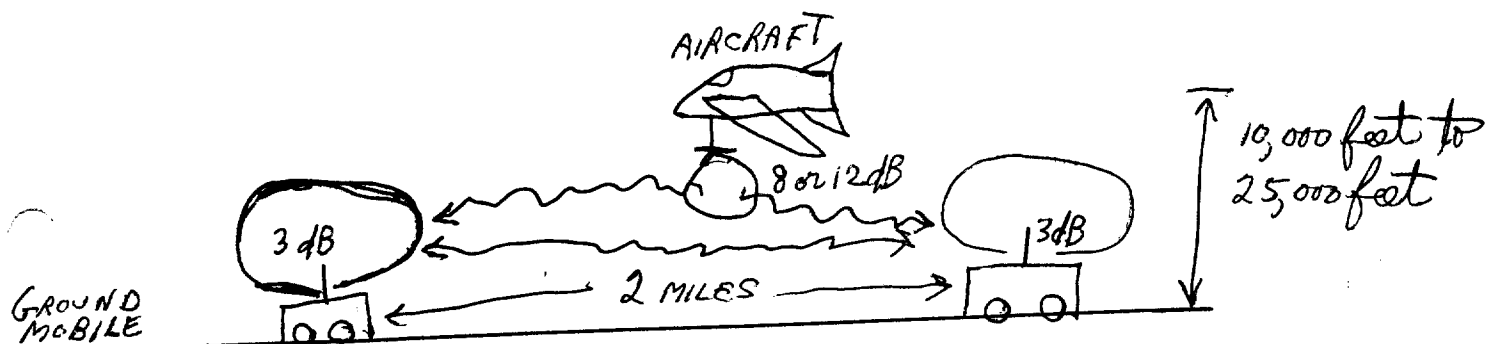
Location	Type Antenna	Gain	Beam Width
San Diego and Camp Pendleton + SHIP	Parabolic, Pencil Beam. Toward horizon over ocean	20dB	15 Degrees
Aircraft	Long range Toroidal beam toward horizon	12dB	30 Degrees
Aircraft	Downward 45 Degrees from nadir	8dB	90 Degrees
Ground	Mobile	3dB	180 Degrees

Test Location 1

Whippany, New Jersey

Test Location 2

Patuxent River, Maryland



Test Location 3

Southern California

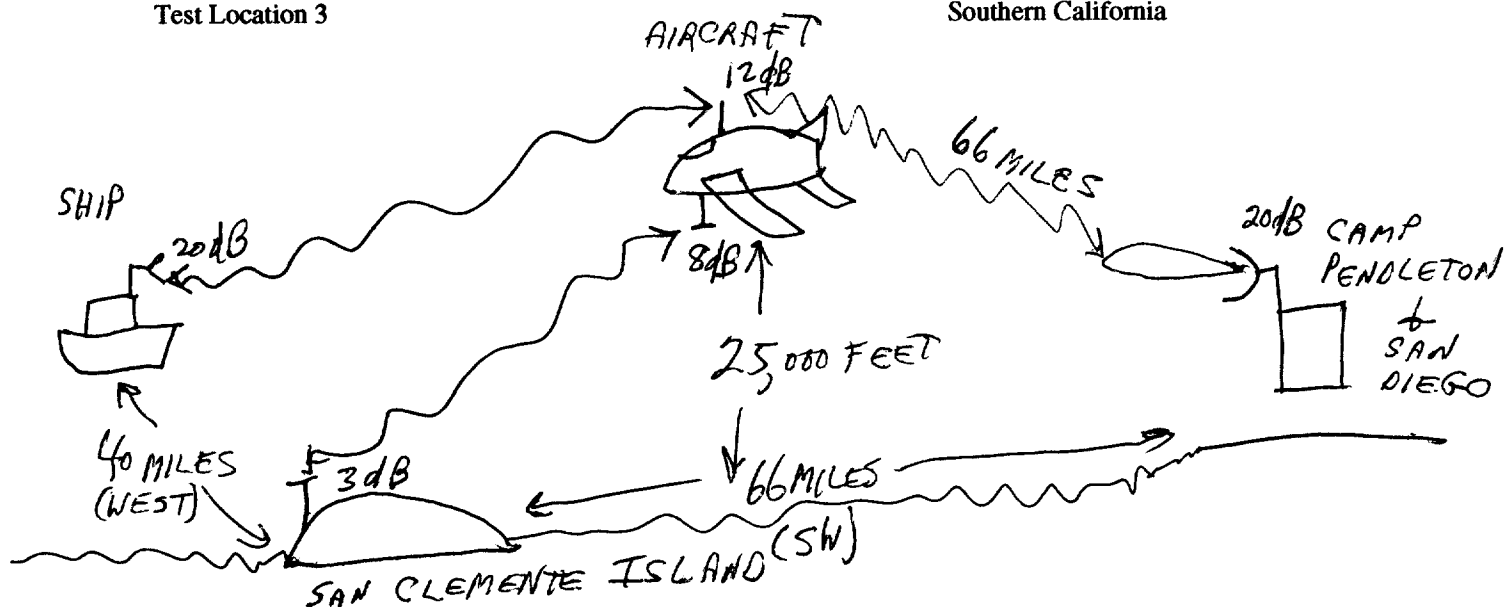


Exhibit 2 to FCC Form 442 for ELB ACTD

The Extending the Littoral Battlespace (ELB) Advanced Concept Technical Demonstration (ACTD) is funded under contract N0001498C0174 with the Office of Naval Research. The prime contractor is General Dynamics; Lucent Technologies is a sub-contractor tasked to supply and test WaveLAN. The ACTD is a demonstration in April of 1999 of networked command, control and communications of a littoral battlespace. WaveLAN is the link that is proposed to move both voice and data among the participants in this ACTD. Since it is proposed to use as much as 30 watts input to the antenna; WaveLAN must be tested for this usage in 1998.