

Item 4 -- Particulars of Operation

(A)	(B)	(C)	(D)	(E)	(F)	(G)
454.700 MHz	100 W	250 W	mean	20K0F3E	± 5 kHz	25 kHz
454.725	100	250	mean	20K0F3E	± 5 kHz	25 kHz
454.750	100	250	mean	20K0F3E	± 5 kHz	25 kHz
454.775	100	250	mean	20K0F3E	± 5 kHz	25 kHz
454.825	100	250	mean	20K0F3E	± 5 kHz	25 kHz
454.875	100	250	mean	20K0F3E	± 5 kHz	25 kHz
454.900	100	250	mean	20K0F3E	± 5 kHz	25 kHz
454.950	100	250	mean	20K0F3E	± 5 kHz	25 kHz
454.975	100	250	mean	20K0F3E	± 5 kHz	25 kHz
454.800	100	250	mean	20K0F3E	± 5 kHz	25 kHz
459.700	25		mean	20K0F3E	± 5 kHz	25 kHz
459.725	25		mean	20K0F3E	± 5 kHz	25 kHz
459.750	25		mean	20K0F3E	± 5 kHz	25 kHz
459.775	25		mean	20K0F3E	± 5 kHz	25 kHz
459.825	25		mean	20K0F3E	± 5 kHz	25 kHz
459.875	25		mean	20K0F3E	± 5 kHz	25 kHz
459.900	25		mean	20K0F3E	± 5 kHz	25 kHz
459.950	25		mean	20K0F3E	± 5 kHz	25 kHz
459.975	25		mean	20K0F3E	± 5 kHz	25 kHz
459.800	25		mean	20K0F3E	± 5 kHz	25 kHz

(G) Description of how the necessary bandwidth was determined: Bandwidth was determined based upon the Part 90 type-acceptance of the equipment being utilized.

Item 5(b) -- Fixed Locations

Location 1:

State: LA County: Orleans City: New Orleans

Address: 1001 Howard Avenue

Coordinates: 29-56-46; 90-04-34

Location 2:

State: LA County: St. Tammany City: Slidell

Address: 38230 Coast Boulevard

Coordinates: 30-15-00; 89-45-46

Location 3:

State: LA County: St. Tammany City: Abita Springs

Address: 21315 Emile Strain Road

Coordinates: 30-25-54; 90-02-51

Location 4:

State: LA County: Tangipahoa City: Hammond

Address: 19000 Morrison Boulevard

Coordinates: 30-32-26; 90-29-07

Location 5:

State: LA County: St. John the Baptist City: Garyville

Address: 211 Buster Street

Coordinates: 30-02-27; 90-37-14

Item 5B -- Fixed Locations (continued)

Location 6:

State: LA County: East Feliciana City: Jackson

Address: 2146 LA 953N

Coordinates: 30-51-14; 91-12-21

Item 10 - Narrative Statement Describing Proposed Experimentation

Telelink, Inc. ("Telelink") is investigating the technical feasibility of using frequencies in the 454/459 MHz band for private land mobile radio operations in the southeast portion of Louisiana. Other frequency bands in this area are either too congested or not available -- the Business Radio frequencies in the 460 MHz range are highly congested, 800 and 900 MHz frequencies are not available due to current rulemakings subjecting these frequencies to competitive bidding, and frequencies in the 470-490 MHz band are unavailable in the New Orleans area. Thus, obtaining additional spectrum is very difficult, particularly for small communications companies. However, with the recent movement of air-to-ground operations to 900 MHz frequencies due to the use of digital technology and bandwidth availability, many 454/459 frequencies now remain unused.

By this application, Telelink seeks to demonstrate that the use of 454/459 MHz frequencies in the southeast portion of Louisiana would provide a viable communications system. Telelink will implement trunking technology for increased spectrum efficiency, and will test a two-way voice communications system with the ability to interconnect with the public switched network. Use of the more available 454/459 MHz band for such interconnected dispatch communications would help to alleviate congestion of private land mobile radio frequencies in the New Orleans area.

The frequencies requested will be used to test and evaluate private land mobile radio operations and interference potential using the 454/459 MHz band. The specific frequencies were chosen because of the lack of current operation on these frequencies and the distance separation between the proposed area of operation and any co-channel licensees. A search

Item 10 - Narrative Statement Describing Proposed Experimentation

was conducted which showed no current operation on these frequencies within 100 miles of the proposed operation. Applicant seeks experimental authority for a two-year period, commencing no later than January 15, 1997.

Further, this experimental activity will provide valuable data to support the technical record in RM-8159, *Amendment of the Commission's Rules to Authorize Co-Primary Sharing of the 450 MHz Air-Ground Radiotelephone Service with BETRS*.