Gordon L Gibby MD KX4Z NCS521 15216 NW 41st Ave Newberry FL 32669 352 246 6183 <u>docvacuumtubes@gmail.com</u>

Friday, Dec. 4 2020

Jerry Walker Business Radio Licensing jerry@businessradiolicensing.com 30251 Golden Lantern, Suite E #501 Lacuna Niguel, CA 92677

Dear Jerry:

Thank you very much for working on our Florida Baptist license modification. I believe the credit card payment has been made, as well as the necessary signatures from higher-ups in our organization, based on conversation with Marvin Corbin, Logistics Chief.

I would like to change our request for the UHF repeater pairs (from the itinerant two @ 451/456 to the itinerant two @ 464/469 frequency pairs) as shown in the table below.

Reason: Discovered our existing repeater is a Motorola CDR700, capable of, and programmed for narrow-band voice at a channel less than 500kHz away from the 464/469 itinerant pairs. (I don't know the history of this repeater, purchased or donated before my time here.) Examining its duplexer on a spectrum analyzer showed it would likely only require a slight tweak if we licensed the 464/469 pairs, whereas to re-tune to my original request of the 451/456 pairs would be a bigger job. Other radios: I don't know how much information you have to provide the FCC regarding proposed equipment, but the CDR700 will be one of our repeaters, and I also found that we already own a dozen or so Kenwood TK-3400-K hand-held transceivers that are narrow-band; if we are able to have these reprogrammed we'll use those and supplement our cache with the Part 90-approved Baofeng UV-82C.

I'm still learning, so if you see problems, questions, or issues, please don't hesitate to contact me by email (<u>docvacuumtubes@gmail.com</u>) or phone 352 246 6183.

Thanks!

Gordon Gibby

cc: Mike Crisler, Marvin Corbin (Florida Baptist Disaster Relief personnel)

REVISED TABLE FOR FREQUENCY REQUESTS

28 Actio n	29 Loc #	30 Ant #	31 exist	31 new	32 Class	33 # units	34 Pagin g rcvrs	35 Out pwr W	36 ERP W	37 Emis- sion Desig	GLG Notes
А	L2	A2		151.7000	MOI	25	0	35	35	11K2F3E	FCC freq chart notes 10,30, 34
А	L2	A2		151.7600	MOI	25	0	35	35	11K2F3E	10,30,34
A	L2	A2		154.5275	MOI	25	0	35	35	11K2F3E	10,30.34 These first three are VHF channels that we can use for simplex anywhere in the nation. They do NOT include repeater pair. These comprise ALL of the VHF reserved channels for itinerant use, so we have three at a location to find an empty one for our usage.
A	L2	A2		4 <u>51.8000</u> 464.5000	MOI	25	0	35	35	11K2F3E	FCC frequency chart notes 15,58. 10, 34 (10) "This frequency will be assigned only to stations used in itinerant operations, except within 56 km (35 miles) of Detroit, Mich., where it may be assigned for either itinerant or permanent area operations (<i>i.e.</i> , general use). " (34) Operation on this frequency is limited to a maximum output power of 35 watts. Simplex usage on repeater output frequency.
A	L2	A2		4 <u>51.8000</u> 464.5000	FB2I	2	0	35	35	11K2F3E	17, 5810,34Allows for two repeater outputs(we can build 2 repeaters)l
A	L2	A2		456.8000 469.5000	MOI	25	0	35	35	11K2F3E	Repeater input frequency 17,58 10,34
A	L2	A2		4 <u>51.8125</u> 464.5500	MOI	25	0	35	35	11K2F3E	FCC Frequency chart notes 17, 30, 58 10,34 Simplex usage on repeater output frequency.
A	L2	A2		4 <u>51.8125</u> 464.5500	FB2I	2	0	35	35	11K2F3E	17,30,5810,34Allows for repeater output on the 2 nd frequency pair, 2 repeaters
A	L2	A2		4 <u>56.8125</u> 469.5500	MOI	25	0	35	35	11K2F3E	17,30,5810,34Mobile stations on repeater input