

Frequency Measuring Test — November 2011

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*On November 9
you'll be able to
compete for the
coveted title of
"most accurate ham."*

The FMT (www.arrl.org/frequency-measuring-test) returns to the airwaves on the traditional second Wednesday of November (the 9th). As in April, the format will simulate a roundtable QSO in which all of the stations are *close* to the same frequency but not *exactly* on the same frequency. This time, there will be more time — about five minutes — between the transmissions from each station. There will be three test-signal stations, K5CM (OK), W8KSE (OH) and W6OQI (CA), with WA6ZTY (CA) sitting out this edition of the FMT.

If you have not participated in an FMT before, it doesn't take a room full of test equipment to have fun and make surprisingly accurate measurements. You can read all of the *QST* articles about the exercises — they are available from the ARRL FMT web page. More information on frequency measuring techniques and exercises can be found on K5CM's website at www.k5cm.com.

Here's how the roundtable format works: K5CM will lead off with a call-up that lasts for three minutes. The call-up is then followed by a two-minute key-down period and an end announcement. The frequency is then turned over to W8KSE who repeats the process before handing it off to W6OQI. Your job is to measure and report



Connie, K5CM, leads the team of stations that will be making the FMT transmissions on 40 and 80 meters during the North American evening of November 9.

Table 1

November 2011 FMT Schedule in Eastern Standard Time

40 Meter Time Line (near 7055 kHz)			80 Meter Time Line (near 3579 kHz)		
K5CM	10:15	call up (3 mins)	K5CM	10:45	call up (3 mins)
K5CM	10:18	key down (2 mins)	K5CM	10:48	key down (2 mins)
K5CM	10:20	end announcement	K5CM	10:50	end announcement
W8KSE	10:25	call up (3 mins)	W8KSE	10:55	call up (3 mins)
W8KSE	10:28	key down (2 mins)	W8KSE	10:58	key down (2 mins)
W8KSE	10:30	end announcement	W8KSE	11:00	end announcement
W6OQI	10:35	call up (3 mins)	W6OQI	11:05	call up (3 mins)
W6OQI	10:38	key down (2 mins)	W6OQI	11:08	key down (2 mins)
W6OQI	10:40	end announcement	W6OQI	11:10	FMT end announcement

the frequencies of all the stations.

The test will begin on 40 meters near 7055 kHz at 10:15 PM (all times are given Eastern Standard Time or EST). That is on Wednesday evening in North America and times are listed in EST in Table 1. (For our friends in Europe, that is 0315 UTC on the morning of November 10.)

Once the roundtable is completed on 40 meters, the test will then move to 80 meters near 3579 kHz beginning at 10:45 PM. The

80 meter stations will be K5CM, W8KSE and W6OQI, in that order. All stations will be within ± 200 Hz of the initial frequency for K5CM. The April results (www.b4h.net/fmt/fmtresults201104.php) showed the schedule to be a good one for all locations.

For more information and any updates in procedure, check the ARRL's FMT web page. Results will be reported using the data entry website provided by WA7BNM at www.b4h.net/fmt/fmtentry.php. **QST**