

## Unit 1.8 Operating Procedures: HF Operation

On the HF bands, when you want to contact another station, you “call CQ.” That is to say, you would say something like, “CQ CQ CQ. This is KB6NU.” The meaning of the procedural signal “CQ” is “calling any station”. (T2A08)

All of these choices are correct when choosing an operating frequency for calling CQ (T2A12):

- Listen first to be sure that no one else is using the frequency
- Ask if the frequency is in use
- Make sure you are in your assigned band

When responding to a call of CQ, you should transmit the other station’s call sign followed by your call sign. (T2A05) For example, if W8JNZ heard my call and wanted to talk to me, he would reply, “KB6NU this is W8JNZ - Over.” Then, I would return the call, and our contact would begin.

It’s important to always identify your station, even when only performing tests. An amateur operator must properly identify the transmitting station when making on-air transmissions to test equipment or antennas. (T2A06) When making a test transmission, station identification is required at least every ten minutes during the test and at the end. (T2A07)

As a Technician, you will be able to operate Morse code on certain portions of the 80 m, 40 m, 15 m, and 10 m bands. To shorten the number of characters sent during a CW contact, amateurs often use three-letter combinations called Q-signals. QRM is the “Q” signal used to indicate that you are receiving interference from other stations. (T2B10) The “Q” signal used to indicate that you are changing frequency is QSY. (T2B11)

QUESTION POOL: (7)

T2A08	T2A12	T2A05	T2A06	T2A07	T2B10	T2B11
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***"I have been frankly fascinated with that unpaid group of people with those ham radios, the Auxiliary Communications Service" [ACS]. [The ACS makes available] "a wireless system that seldom if ever can be totally disrupted by a disaster...ham radio operators are the heart and the soul and the life blood of that system."***

**The Hon. Mayor Willie Brown**  
Mayor of San Francisco (1996-2004)