

Trusted QSL, LoTW and the Digital Modes

A lot of Radio Amateurs are enjoying the many different digital modes available using a personal computer and a simple interface connected to the computer sound card and their transceiver. When properly interfaced many of the software programs used for these digital modes will collect the band or frequency data directly from the radio. There are too many software packages available to address each one individually however the default logging mode for digital operations is simply DATA. For DXCC all digital modes qualify for DXCC Digital and DXCC Mixed awards so this is not an issue.

Worked All States allows awards for all of the specific digital modes as well as band/mode awards.

LoTW will match a QSO as long as the calls, time (+/-30 minutes), date, band and mode are the same. For digital modes all digital sub mode (PSK31, JT65, JT9, MT63, OLIVIA, etc.) will qualify as DATA. (The same applies for voice modes. All voice modes qualify as PHONE) That is to say that if you log a QSO as PSK31 and the other operator logs the same QSO as RTTY then LoTW will match the QSO, assuming all other parameters match, and each operator will be credited with DATA. See the illustration below.

Uploading a new QSO or corrected QSO will not change thing. Once a QSO is matched it is locked. (Issues with grids, zones, US States, etc is different. See the section on Fixing a QSO. www.arrl.org/instructions)

Discrepancies and Mode Issues

Notice in this matrix that QSO with K1NOX on 2013-09-23 displays JT9 as the mode yet only qualifies as Digital in the WAS account. This is because although AA5AT uploaded the QOS as JT9 K1NOX uploaded this QSO as DATA as shown in the QSO detail below. Remember this is K1NOX's QSL card to AA5AT so he is credited with what K1NOX sent and confirmed.

	Call sign	Worked	Date/Time	Band	Mode	Freq	QSL	WAS
Details	AA5AT	K1NOX	2013-09-26 14:40:00	15M	JT9	21.07883	UNITED STATES OF AMERICA	<input type="checkbox"/> Maine: 15M Digital
Details	AA5AT	K1NOX	2013-09-23 18:08:00	15M	JT9	21.07950	UNITED STATES OF AMERICA	<input checked="" type="checkbox"/> Maine: 15M Digital
Details	AA5AT	K1NOX	2012-08-14 22:54:00	40M	JT65	7.07600	UNITED STATES OF AMERICA	<input checked="" type="checkbox"/> Maine: 40M JT65
Details	AA5AT	K1NOX	2011-12-12 19:32:43	10M	PSK31	28.12000	UNITED STATES OF AMERICA	<input checked="" type="checkbox"/> Maine: 10M PSK31
Details	AA5AT	K1NOX	2010-11-10 19:36:25	15M	PSK31	21.07	UNITED STATES OF AMERICA	<input checked="" type="checkbox"/> Maine: 15M PSK31
Details	AA5AT	K1NOX	2010-01-07 18:08:10	17M	PSK31	18.109	UNITED STATES OF AMERICA	<input checked="" type="checkbox"/> Maine: 17M PSK31
Details	AA5AT	K1NOX	2009-04-05 17:11:30	30M	PSK31	10.14	UNITED STATES OF AMERICA	<input checked="" type="checkbox"/> Maine: 30M Digital

Station Call Sign AA5AT DXCC UNITED STATES OF AMERICA CQ Zone 4 ITU Zone 7 Grid EM40kn State LA County EAST BATON ROUGE Worked Station Worked K1NOX DXCC UNITED STATES OF AMERICA (291) CQ Zone 5 ITU Zone 8 Grid FN54kc State ME County KNOX Date/Time 2013-09-23 18:08:00 Mode JT9 (DATA) Band 15M Frequency 21.07950 QSL 2013-09-30 02:25:07 Record ID 519623829 Received: 2013-09-30 02:25:07	Station Call Sign K1NOX DXCC UNITED STATES OF AMERICA CQ Zone 5 ITU Zone 8 Grid FN54kc State ME County KNOX Worked Station Worked AA5AT DXCC UNITED STATES OF AMERICA (291) CQ Zone 4 ITU Zone 7 Grid EM40kn State LA County EAST BATON ROUGE Date/Time 2013-09-23 18:09:00 Mode DATA (DATA) Band 15M Frequency 21.079500 QSL 2013-09-30 02:25:07 Record ID 520225850 Received: 2013-09-28 15:06:16
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That is why it is important to log accurately and to make sure your station location information in TQSL is correct. If you upload bad information you or the other operator will not receive proper credit for the QSO even though it is matched.

