QSL Card

A means of providing written confirmation of the receipt of a transmission

Scope of Presentation

- Reasons to QSL
- Log Keeping and Accuracy
- The Card
- How to Fill It Out
 - RST & UTC
- How To Send Your Card
- Other Ways to QSL
- Tracking QSLs Sent & Received
- Where To Buy Cards
- How To Make Your Own

Reasons to QSL

- Display cards in your shack
- Collect cards for awards
 - WAS
 - DXCC
- Provide confirmation to operators requesting a card from you.

Log Keeping & Accuracy

- Logs are no longer required by FCC, but they are a must if you want to QSL
 - Logs must contain all the necessary info to complete a card
 - Logs must be accurate Date, UTC, etc.
- You may receive a request for a QSL years after the QSO took place!!!

Basic Elements of a QSL Card

- QSO With: (Callsign of the station worked)
- Date: (UTC)
- Time: (UTC)
- Frequency or Band:
- Signal Report: RS(T)
- Mode: SSB-CW-RTTY should state 2-Way
- To or Via: (Callsign of QSL manager)
- QSL Pse / Tnx

Other Needed Information

- Your Name, Address and Call
- County
- Grid Square (mine is EN65cr)
- CQ Zone (4)
- ITU Zone (8)

Optional Information

- Information about your QTH
- Rig and Antenna used
- Power used
- Remarks
- Club affiliations
- Etc, etc, etc

Filling Out Your Card

- The RS(T) Reporting System
- UTC Conversion Chart ...or
 - Set your computer time to UTC and forget it!
- Example of completed QSL card

The R-S-T System

THE R-S-T SYSTEM

Readability

- 1 Unreadable
- 2 Barely readable, some words distinguishable
- 3 Readable with considerable difficulty
- 4 Readable with practically no difficulty
- 5 Perfectly readable

Signal Strength

- 1 Faint signals, barely perceptable
- 2 Very weak signals
- 3 Weak signals
- 4 Fair signals
- 5 Fairly good signals
- 6 Good signals
- 7 Moderately strong signals
- 8 Strong signals
- 9 Extremely strong signals

Tone

- 1 Sixty cycle a.c. or less, very rough and broad
- 2 Very rough a.c., very harsh and broad
- 3 Rough a.c. tone, rectified but not filtered
- 4 Rough note, some trace of filtering
- 5 Filtered rectified a.c. but strongly ripple modulated
- 6 Filtered tone, definite trace of ripple modulation
- 7 Near pure tone, trace of ripple modulation
- 8 Near perfect tone, slight trace of modulation
- 9 Perfect tone, no trace of ripple or modulation of any kind

If the signal has the characteristic stability of crystal control, add the letter X to the RST report. If there is a chirp, the letter C may be added to so indicate. Similarly for a click add a K.

UTC

Time Conversion Table UTC EDT/AST CDT/EST MDT/CST PDT/MST PST 0100 2100 2000 0400 2300 2100 22.00 02.00 22.00 02.00 1700 1100 1000

UTC - Universal Coordinated Time

AST - Atlantic Standard Time

EDT - Eastern Daylight Time

EST - Eastern Standard Time
CDT - Central Daylight Time

CST - Central Standard Time

MDT - Mountain Daylight Time

MST - Mountain Standard Time

PST - Pacific Standard Time

Alaskan Standard Time = UTC minus 9 hours

Hawaiian Standard Time = UTC minus 10 hours

Example of Completed Card EA5 YU K8DDB Via/To: Mike Bray W3821 Waucedah Road Rig: TEN TEC CORSAIR II Vulcan, MI 49892 USA SLIVE AL CFM QSO with: AO55UB Antenna: DIPOLE @ 56 FORT Day Month Year UTC MHz 2-way RST 85 86 18 2228 10.1 CW 599 Remarks: TNX ROA Q50 \$ Good Luck WITH Pse QSL ☐ Tnx QSL CQ Zone: 4 ITU Zone: 8 Grid: EN65cr OPERATION FROM 5-61 FISTS-4527 CC-708 QRP ARCI-9662 MUSEUM 544 NEWDXA-82 SKCC-978 73, Miner UX5UO prin Mich-A-Con Amateur Radio Club http://www.qsl.net/ka1ddb/

How To Send Your QSL Card

- Follow instructions of station
- Direct Follow info on QRZ.com
 - Some stations use a QSL manager. If so, send to QSL manager's address.
- ARRL Bureau If station uses a QSL manager, send <u>via</u> the manager's callsign.

Direct QSL Within the USA

- See QRZ.com for the address
- Unless the other station requests your QSL, it is common courtesy to send a SASE with your QSL.
- In other words, if you really want his QSL make it as easy as possible for him to reply.

Direct QSL to Foreign Country

- Follow information on QRZ.com
- Send self addressed envelope
- Include IRC or money for return postage
- IRCs can be purchased at the post office
- g.s. = US Dollars, 2gs=2 US dollars
 - Corrupt postal workers may take your money!
 - Use opaque envelopes, no visible callsigns

ARRL QSL Bureau

- Incoming QSLs
 - Keep SASEs on file at ARRL Bureau
 - Don't need to be a member of ARRL
 - ARRL Web: http://www.arrl.org/incoming-qsl-service
- Outgoing QSLs
 - Need to be member of ARRL
 - Send package of QSLs to ARRL and they distribute them to participating countries
 - Cost varies depending on amount of cards sent
 - ARRL Web: http://www.arrl.org/outgoing-qsl-service

Other Ways to QSL

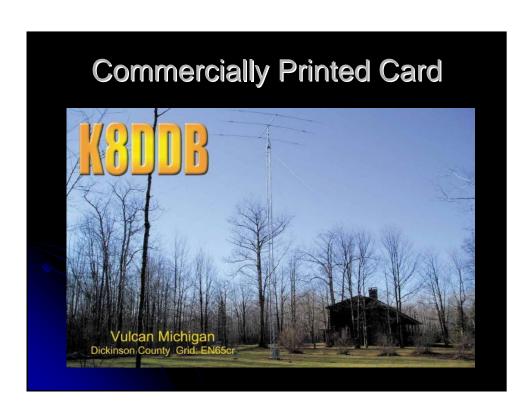
- Logbook of the World (LOTW)
 - QSO fee for awards
- eQSL
 - Not recognized for some awards
- Some DXpeditions use email or web app

Tracking Your QSLs • Logging programs • Card files • Books • Spreadsheet

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									QSOs by Band		
		QRO and QRP Combined DXCC							30 Meters 20 Meters		
DXCC Entity	Prefix	Callsign	DD MM YY			Batch	160 Meters	80 Meters	40 Meters	30 Meters	
Afghanistan	YA	T6AG	2-Apr-10	20	CW				10000	0070	T6AG
Agalega & St. Brandon	3B6	3B7C	7-Sep-07	20	CW			3B7C	3B7C	3B7C	3B7C
Aland Is.	OH0	OF0Z	6-Dec-07	40	CW		OH0X		OF0Z	AL7O	OH9B
Alaska	KL7	NL7J	16-Jul-81	15	CW	1	NL7Z		KL7WV ZA1Z	AL/U	KL7H ZA/UT7DW
Albania	ZA	ZA1A	22-Apr-04	17	CW				7X4AN		7X4AN
Algeria	7X	7X2MB KHBQ	16-Oct-83 8-Dec-06	15	CW	1			ZAGAIN		KH8/K6SRZ
American Samoa Amsterdam & St. Paul Is.	KH8 FT5Z	KHBQ	6-Dec-06	10	CVV						KHOKOGKZ
Amsterdam & St. Paul Is. Andaman & Nicobar Is.	VU4										-
Andorra	C3	C31CT	25-Sep-08	40	CW	-			C31CT		C31CT
Angola	D2	D2NX	18-Nov-07	15	CW				D2NX	1	D2NX
Anguilla	VP2/E	VP2EST	2-Mar-07	40	CW	2		VP2EDL	VP2EST	VP2EDL	VP2EKT
Annobon I.	3C0	11		-							
Antarctica	CE9 - KC4	4K1QAV	29-Jan-84	20	CW	2			KC4/K2ARB	R1ANN	4K1QAV
Antigua & Barbuda	V2	V2A/K9LA	17-Feb-82	15	CW	1			V26O	V21CW	V28G
Argentina	LU	LU4FDM	20-Apr-82	15	CW	1			LU7KAT		LU2FA
Armenia	EK	EK6LP	10-Feb-09	20	CW						EK6LP
Aruba	P4	P40V	20-Mar-88	10	CW		P49V		P40T	P40TA	P43E
Ascension I.	ZD8	ZD6Z	19-Feb-00	20	CW	2		ZD8UW	LIA OTT		ZD8Z UAQAZ
Asiatic Russia	UAO	UA9YBO	14-Apr-82	20	CW	1	RWOCR		UA9ZZ		UAUAZ
Auckland & Campbell Is.	ZL9 FO	FO/OH8KN	8-Jan-04	10	CW		TX3D	TX5SPA		TX5SPA	
Austral I. Australia	VK	VK2NOG	5-May-80	15	CW	1		IAUGEA	VK1AA/4	VK6DU	VK1ENG
Australia	OE OE	CEBFUG	18-Dec-80	10	CW		OE9ICI	OE5KE	OE/KL1A	VINODO	OE2S
Aves I.	YVO	YWODX	10-Feb-07	15	CW		OLOIOI	OLOIL	Carron		- Cano
Azerbaijan	4J	4K0CW	23-Mar-09	20	CW				1		4K0CW
Azores	CU	CT2CY	20-Feb-82	20	CW	1	CU2KG		CU2JT	CU7T	CT2CY
Bahamas	C6	CBANQ	28-Jun-83	20	CW	1		C6AKQ	C6A/N4BP	C6AGN	C6AGS
Bahrain	A9	A92GE	15-Aug-08	20	CW						A92GE
Baker & Howland Is.	KH1										
Balearic Is.	EA8	EA6KB	24-Sep-81	10	CW	1		EA6SX			EA6AZ
Banaba I.	T33										
Bangladesh	\$2				-			000011/	8P9JA	8P9HT	8P9JA
Barbados	8P	8P9JA	24-Feb-98	40	CW	2		8P9NX	EW7LO	lobau I	EW8AO
Belarus	EU	EW8CY	12-Sep-06	20	CW				EWILO		EVVONU
Belau (W. Caroline Is.)	KC6 ON	ONSTS	30-Sep-80	15	cw	1		ONGSA	-	OQ5M	ON60
Belgium	V3	V31TP	21-Feb-89	40	CW	2		V31YN	V31TP	V31PT	V31JP
Belize Benin	TY TY	TY1MS	13-Oct-09	20	CW			1001114	VOLIE	1.20.1	TY1MS
Daliili	117	TITWO	10-006-09	20	CVV	-	-	L/DOM/OCO	MOCAMEDIA	AA4ACA/DO	LADOVVIODE

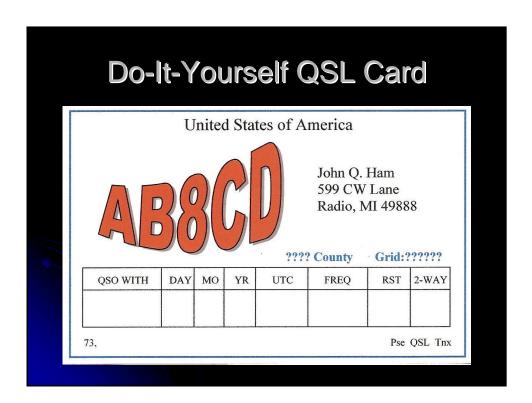
Commercially Printed Cards

- Do a GOOGLE search of "QSL Cards"
- Big variation in quality and price
- I use "UX5UO print" Ukraine
- My card \$76 / 1000 cards (inc. shipping)



Homebrew QSL Cards

- Do it yourself card template
- Mich-A-Con ARC website
 - Links Page, Do-It-Yourself QSL Card
 - Requires Microsoft Word 97 or later
 - Download card
 - Modify it with your personal information
 - Save the file to your computer
 - Print on 110# card stock



Homebrew Novice Special Card



Mike Bray W3821 Waucedah Road Vulcan, MI 49892-8483

Dickinson County Grid: EN65cr



QSO WITH	DAY	МО	YR	UTC	FREQ	RST	2-WAY
		7.					

Pse QSL Tnx

Back of Novice Special Card

K8DDB Station

Rig:

Antenna:

Remarks:

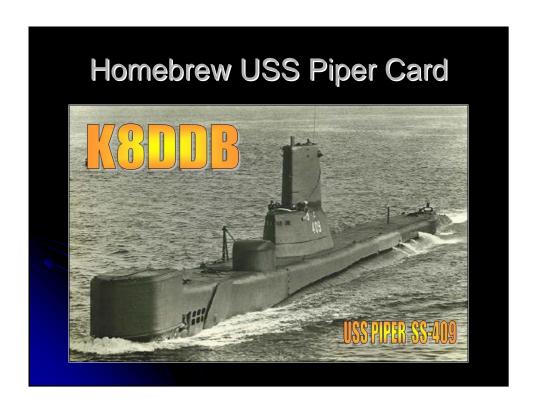
QRP ARCI – 9662 NAQCC - 416 NEWDXA 82 SKCC - 978 Fists CW Club – 4527 1-X QRP CC-21 CC-708 Novice Special Transmitter

The Novice Special is a two tube, crystal controlled, CW transmitter that is capable of producing approximately 8 Watts output on 80 and 40 meters. The original plans for the transmitter appeared in the October 1968 issue of QST. The article was titled "A Simple Transmitter For The Beginner" and was written by Don Mix, W1TS. Another article titled "A Simple Two-Tube Transmitter" appeared in "How To Become A Radio Amateur", copyright 1970 by The Amateur Radio Relay League. This article is geared toward the beginner and contains a thorough description of the transmitter's electrical and mechanical construction. The transmitter was dubbed the "Novice Special" in the 1970 edition of The Radio Amateur's Handbook.

Tubes: Oscillator - 6C4, Amplifier - 5763

For more information, see the Tips 'n Tales page of the Mich-A-Con Amateur Radio Club website:

http://www.qsl.net/kalddb/



K8DDB W3821 Waucedah Road Vulcan, Michigan 49892-8483 U.S.A. Dickinson County Grid: EN65cr ITU Zone: 8 CQ Zone: 4 Piper's keel was laid at the Portsmouth Naval Shipyard, Kittery Maine, on 15 Mar 1944. Commissioned on 23 Mag 1944, she made three war patrols in the Pacific from January through September of 1945. After the war, she operated out of New London, Cornecticus, serving as a school boat for officer and enlisted Submarine School. Fiper was decommissioned on 16 Jan 1967. Please visit the USS Piper (SS-409) Veterans Association Website: http://webpages.charter.nethuspiper/videx.html PSE/TNX QSL Piper Radiomen - 1957

