

MARAC Logger Help

Table of contents

Introduction	9
Introduction	9
AWARDS - Other	9
CQ Magazine - USA-CA Award	9
USA-CA Award	9
Application form	11
Witness form	11
CQ Magazine Label	12
W6RK County Challenge Top List	12
Top List competition	12
General Rules and Definitions for MARAC Awards	13
Awards Application Process	13
Awards Committee	14
Award Date (see Starting Over)	15
Awards - Effective Date of New Awards	15
Award Levels	15
Awards Manager	16
Band	16
Big Rig	16
Club Stations	17
Confirmation of Contacts	17
Contest Contacts	17
County Line	18
County Line Contacts	18
Disqualification	18
District of Columbia	19
DX Contact	19
Eligibility for MARAC Awardc	19
Endorsments	20
Federal Parks, Independent Cities, Other Enclaves	20
Fees	21
Fixed or Portable Operation	21
Independent Cities	21
Last County	23
Log (see Valid Contact)	23
Mobile Operation	24
Mode	24
Net Operation	24
Net Control - Hours of Service	24
New Awards - Proposed Awards	25
Portable Operation (see Fixed or Portable Operation)	26
QRP	26
Replacement Certificates and Plaques	26

Stars	26
Starting Over	27
Team Contact	27
Transmitted Counties	27
USA Counties	27
Valid Contact	28
Wet County Line	28
YL-OM Team	28
Awards - MARAC	29
Big Rig Award	29
Bingo - The Master County Hunter Award	29
Bingo - Cinco Award	30
Bingo - Natural Bingo Award	31
County Challenge Award	32
County Hunter of the Year Award - SSB	32
County Hunter of the Year - CW	33
Double Diamond Award	34
DX Mobile Award	35
Five Band Counties Award	36
Five Mode Award	36
Five Star Award	37
Gemini Award	37
King of the Road Award	38
Last County in a State Award	39
Last County in the USA Award	39
Master Gold Award	40
Master Platinum Award	41
MARAC Achievement Awards	42
MARAC Contest Award	43
MARAC Custodian's Award	44
MARAC Service Awards	44
Mobile Diamond Award	45
Mobile of the Year Award - SSB / CW	46
Mobile Team of the Year	46
Mobile to Mobile Award	47
Native American Counties Award	47
Net Control of the Year - SSB / CW	48
Polaris Award	48
President's Award	49
Ran All (State) (USA) Counties Award	49
Roadmaster Award	50
Roadrunner Award	50
Single Band Award	51
Star XX Award	52
U.S. Presidents Award	52

USA - Call Sign Combo Award	53
USA - CW Award	53
USA - Digital Award	54
USA - Five Mode Award	54
USA - No Stars Award	55
USA Prefix Award (USA-PA)	56
USA - QRP Award	57
USA - SSB Award	57
Worked all USA Counties Award	57
YL Mobile Award	58
YL - OM Team Award	58
File Location and Structure	59
Typical file location	59
File Contents	60
First Time Installation	61
Installing Logger on a VISTA OS Computer	61
Installing Logger over the Internet	62
Installing Logger from CD	67
Logger on Second Computer	70
Running Logger First Time	70
Running Logger First Time	70
Program Conventions	74
Program Conventions	74
Top Bar Options	77
Top Bar Options	77
MENUS	83
Main Menu	83
Log Entry Menu	83
Map Menu	84
View/Edit Menu	84
Print Menu	85
Screens	86
Log Entry - Fixed	86
Log Entry - Mobile	91
Map Program	95
MARAC Contest	96
Net Control Time	97
Print Book	99
Print Contest	100
Print Envelope	100
Print Log	100
Print MRC	101
Print Needs	102
Similar Calls	102
Tools	103

Tools Screens	103
Recalculate Books	104
Back & Compact Database	105
Download Updates	106
Update from Master	107
Restore Database	107
View/Edit	108
View/Edit Book	108
View/Edit Latest Numbers	109
View/Edit MARAC	110
View/Edit Settings	111
View/Edit Spots	112
Needs at a glance	114
View/Edit Book Summary	115
View/Edit/Print Log	116
View/Edit/Print MRC	118
View/Edit Xmitted Counties	120
View/Edit County Hunters	121
View/Edit County Hunters	121
County Hunter - Call	122
County Hunter - All Calls	123
County Hunter - State	123
County Hunter - Home County	123
County Hunter - City	124
County Hunter - Add New Call	124
County Hunter - New Calls	124
View/Edit County Hunters: Misc.	124
County Hunters Misc.	125
Awards:	125
Big Rigs	126
YLS	126
Silent Keys:	127
Teams	127
View/Edit Import Problems	128
Import Problems	128
How To	128
Add	128
Add: Big Rig	128
Add: New Award Number	128
Add: New Call	129
Add: Silent Key	129
Add: Team	129
Add: YL	130
Apply for Awards	130
Apply for Awards	130

Change to my New Call	131
Change to my New Call	131
Change my Default Settings	131
Change my Default Settings: Color Scheme	131
Change my Default Settings: Band & Modes	132
Change my Default Settings: Settings Misc.	133
Change my Default Settings: Tracked Books	134
Change my Spots Alert Sounds	134
Change my Spots Alert Sounds	135
Create a Backup & Compact Database	135
Create a Backup & Compact Database	135
Restore a Backup	135
Deal with New Calls	136
Review New Calls you have added	136
Remove New Calls from the New Calls List	136
Delete an unwanted New Call	137
Duplicate a previously received handwritten MRC	137
Duplicate a previously received handwritten MRC	137
Edit/Post a Mobile Run Grid	139
Edit/Post a Mobile Run Grid	139
Export	140
Export	140
Filter a Book	141
Filter a Book	141
Find/Update	141
Find/Update: Award Numbers Issued	141
Find/Update: Big Rig List	142
Find/Update: Information about County Hunters	143
Find/Update: Silent Key List	144
Find/Update: Teams List	145
Find/Update: YL List	145
Find Information about MARAC Officers	146
Find Information about MARAC Officers	146
Import	147
Import	147
Install Logger on a Second Computer	147
Install Logger on a Second Computer	147
Log Net Control Hours	147
Log Net Control Time	147
Navigate the Logging Screens	150
Navigate the Logging Screens	150
Print/Post MRCs	152
Print/Post MRCs	152
Setting up the Printer	157
Print	157

Print: Book or Send Book to the Awards Manager	157
Print: Contest Log	159
Print: Envelope	159
Print: Log	159
Print: Needs List	159
Print: Needs - Xmitted Counties	160
Recalculate a Book or Books	161
Recalculate a Book or Books	161
Reinstall Logger	162
Reinstall Logger	162
Restore Logger to previous state	163
Restore Logger to Previous State	163
Send email from Logger	164
Send email from Logger	164
Send pictures to Logger Team	164
Send pictures to Logger Team	164
Set His HOME COUNTY as the default while Mobile	165
Set His HOME COUNTY as the default while Mobile	165
Spot Yourself when Mobile	167
Spot yourself when Mobile	167
Start a new Book	167
Start a new Book	167
Update	168
Update: Award Numbers	168
Update: Expired Membership	169
Update: From the County Hunter Master	169
Update: Version of Logger	171
Use the Help File	172
Use the Help File	172
View/Edit	174
View/Edit: Book	174
View/Edit: Book Summary	175
View/Edit/Print: Log	176
View/Edit: Spot	177
Write Log to File	179
Write Log to File	179
Appendix A - Import/Export Operations	179
Import Kwiklog	179
Import: ADIF File	183
ADIF Conversion Tags	184
Import Kwiklog After Using Logger	188
Export ADIF	188
Export MS Access	189
Export mIRC	190
Correct Kwiklog Import Problems	191

Correct Import Problems: A list of general hints	191
Correct Import Problems: Bad Bands	192
Correct Import Problems: Bad Dates	193
Correct Import Problems: Bad Frequencies	194
Correct Import Problems: Bad His County	196
Correct Import Problems: Bad His RSTs	197
Correct Import Problems: Bad Mode	198
Correct Import Problems: Bad My County	200
Correct Import Problems: Bad My RSTs	201
Correct Import Problems: Bad Time(s)	203
Correct Import Problems: New Calls	204
Appendix B - Reinstalling Logger	206
Reinstalling Logger	206
Appendix C - Hints for Team Operations	207
Hints for Team Operation	207
Appendix D - Troubleshooting	208
Backup and Compact error 75	208
Call not on Web Site	208
Download - Problems	209
Logger Clock - wrong	211
Lost my Logger Key	211
Map Program - Display misalignment	212
Map Program Not accessible from Vista OS	213
Membership expired	213
Printing MRCs	214
Run Time Error 5 - Teams	214
Run Time Error 7	215
Using Logger on more than One Computer	215
Nothing works	216
Appendix E - Confirming contacts	216
Confirming Contacts	217
eQSL contacts	217
Appendix F - Installing Logger on Vista or W7	218
Installing Logger on a Vista Computer	218
Installing Logger on a Windows 7 Computer	218
Appendix G - Managing Xmitted Counties Data	218
Submission for Awards	218
Customized Research Queries	219
Appendix H - Support from the Logger Team	220
Getting Support	220
Help Version Number	222
Help Version Number	222

Introduction

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Introduction

Introduction

[Top](#) [Next](#)

Welcome to MARAC Logger, the only program that tracks most MARAC Awards for the County Hunting community. Logger uses a relational database to store information assuring accuracy throughout the program.

Throughout this manual you will see **Notes**, **Cautions**, and **Warnings**.

Notes: are use to provide more detailed information to the user

Cautions: are used to alert the user about things they should or should not do to avoid disruption of normal program operation. (loss of data is not likely)

Warnings: are used to warn the user against performing actions that could result in serious loss of data or major disruptions to program operations.

Logger resembles the older Kwiklog program in appearance, but is completely different behind the scenes. Logger uses the “Tab” key in most places where Kwiklog used “Enter”. Logger will reject dates, times, misspellings, etc. that are not consistent with acceptable formats.

Any text in **Blue** is a link that will take you to the new location in the Help File

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AWARDS - Other

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CQ Magazine - USA-CA Award

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USA-CA Award

USA-CA Award

[Previous](#) [Top](#) [Next](#)

USA-CA Award is sponsored by CQ Magazine

Although not a MARAC Award, Logger tracks the USA-CA Award because it is a

prerequisite for many of the MARAC Awards.

The official rules can be found on their web page - "CQ Magazine - Awards - USA-CA"

http://www.cq-amateur-radio.com/cq_awards/cq_usa_ca_awards/cq_usa_ca_awards.html

The minimum criteria for the application includes the following elements:

1. List of States and Counties in alphabetical order;
2. Call sign of the contact;
3. City/Town if the contact was with a Fixed station.
4. Band and Mode.
5. An "E" if the contact was confirmed electronically.

The Logger generated contact list meets these requirements and more; including Date and MRC/QSL status for the applicants reference if needed.

Double check your county list for errors

If "His City" has "*" Unknown" it means a New Call has no call information in your database. Go to Call, then Check Web Data and Parse. If Web Data has no information, it is a bad call, you may want to delete the contact from your log and find a replacement.

If "His City" has "*" *City, State*" it means an error in your log. The contact was with a mobile (M), not a fixed station (F). Change your log accordingly. A mobile cannot be Fixed outside his home county.

After correcting, print (View) your county list again and review.

Fees:

For subscribers to CQ Magazine the fee for the original award certificate is \$6.00, for non-subscribers the fee is \$12.00. If the original application is not for all 3077 counties, the fee is \$1.25 for updating the certificate for lower levels or endorsements.

Submission for the Award:

Compose an email to Ted Melinosky (K1BV) at CQ Magazine applying for the USA-CA Award. His email address - k1bv12@charter.net

The email should include the following components:

1. The list of confirmed counties generated by the Logger program (attached as a ".txt" file);
2. The Application form (attached or inserted in the email);
3. The Witness form (attached or inserted in the email);
4. A picture of a CQ Magazine label, if applicable; (attached or inserted in the email);
5. In indication that the fees have been paid by PayPal and the amount has been sent to the above address.

Final Step: Ted will send you an email requesting to see the conformation of a random selection of counties. Scan the MRCs where the county shows over the signature, save to a file (.jpg). Send back an email to Ted with the pictures embedded or attached.

Application form

Note: Print this document, fill in the blanks, scan and save the completed form to a file. Include in your email documentation for the USA-CA Award.

USA-CA APPLICATION FORM

Date: _____ Call: _____

Print Name _____

Address _____

City/State/Postal Code/Country _____

The above named person hereby applies for the USA-CA Award, Class (level) _____ for confirmed contacts with _____ different US counties, representing _____ states and for special band or mode endorsements as follows: _____ (State if operations were mixed band/mode or otherwise).

I certify that I have the MRC/QSL cards in my possession for all contacts listed in the attached document. I am willing to scan and email any specific MRC/QSL cards as may be requested. I understand that all documents related to this application become the property of the CQ USA-CA Custodian.

Signature _____

Witness form

Note: Print this document, have the witnesses fill in the blanks, scan and save the completed form to a file. Include in your email documentation for the USA-CA Award.

USA-CA CERTIFICATION FORM

The undersigned certify upon their honor that the MRC/QSL cards for the contacts listed in the preceding pages or listing are in the possession of the applicant and have been signed and checked for validity.

WITNESS #1

Date: _____ Call: _____

Print Name

Organization, if any, and title

Address

City/State/Postal Code/Country

Signature

WITNESS #2

Date: _____ Call: _____

Print Name

Organization, if any, and title

Address

City/State/Postal Code/Country

Signature

(Note: Certification officials must be either two licensed amateurs holding General Class or above licenses, or officials of a national level radio organization or affiliated club.)

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CQ Magazine Label

CQ Magazine Label

Scan a CQ Magazine label and save to a file to verify that you are a subscriber. This will effect the fees you pay for the award. Insert or attach a picture in your submitted documentation.

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W6RK County Challenge Top List

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Top List competition

Top List competition

[Previous](#) [Top](#) [Next](#)

(This award is not sponsored by MARAC)

Logger provides the information required to submit to the "W6RK Top List" on the Book Summary screen.

W6RK County Challenge Top Award List (See Help File - Awards for details)					Export for Top List
Band	CW	Phone	Digital	Mixed	Combo
6	0	0	0	0	0
10	37	17	1	55	55
12	0	0	0	0	0
15	123	33	9	152	165
17	174	96	1	248	271
20	2297	3045	463	3074	5805
30	1112		1	1113	1113
40	2255	2685	51	2925	4991
80	133	242	8	362	383
160	2	56	0	58	58
Totals:	6133	6174	534	7987	12841

The rules are found here:

<http://countyhunter.com/CCArules.htm>

Top List results are found here:

<http://countyhunter.com/CCAtoplist.htm>

A template for submitting your numbers is found here:

<http://countyhunter.com/Toplist/CCAtemplate.xls>

But for those of you who use the MARAC Logger program, there is a new function which allows you to quickly export your contact totals to a CSV (comma separated values) file that you can submit via email to the Top List instead of using the template listed above.

1. Select the View/Edit menu and then Book Summary.
2. There is a new radio button on the right hand side that says [Export for Top List]. When you press this button it will write a file named <yourcall> County Challenge Top List.csv to the folder in which you keep your Logger data (normally C:\Logger Data).
3. Attach that CSV file to an email addressed to toplist@countyhunter.com.

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General Rules and Definitions for MARAC Awards

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Awards Application Process

Awards Application Process

[Previous](#) [Top](#) [Next](#)

Formal or official award application forms are not required for MARAC Awards.

Applicants may apply for awards using on-line forms on the MARAC web site (when available), email to the **Awards Manager**, or other mail or delivery services. When appropriate, the **Awards Manager** may accept a request for an award by telephone, as long as required contact or multiple contact **Log** information is also received.

The applicant must submit the following to the MARAC **Awards Manager**:

1. A **Log** of **Valid Contacts**;
2. The call sign of the applicant;
3. The applicant's phone number, mailing address and (if applicable) email address;
4. The date of the last contact submitted for the award;
5. A request for a plaque, if applicable; and
6. The applicable fee for the requested certificate or plaque.

The **Log** may be a hand-written log, a computer printout, a computer diskette or CD, or an email attachment. Digital logs may be in an ASCII or text file; Microsoft Works, Word, Excel, or Access file; Kwiklog, KwikWin, MARAC Logger, or other computer logging program output file that does not require the **Awards Manager** to have the application program in order to read the file; or any other format acceptable to the **Awards Manager**.

Printed logs, diskettes, or CD logs will only be returned if accompanied by sufficient return postage or delivery fee. Please check with the **Awards Manager** to determine the current cost of return postage or delivery fee.

Under Section 5.1(d)(10) of the MARAC Bylaws, each person who applies for a MARAC Award stipulates to having observed all MARAC rules, being bound by the MARAC Awards rules, and being bound by the decisions of the Board of Directors and the **Awards Committee**.

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Awards Committee

Awards Committee

[Previous](#) [Top](#) [Next](#)

The **Awards Committee** was established by the MARAC Board of Directors to act as an advisory committee to the Board of Directors. The **Awards Committee** provides recommendations on the awards program and the rules for, including recommendations on the adoption of new awards and revisions to existing awards. The **Awards Manager** acts as the chair of the **Awards Committee** and forwards the recommendations of the Committee to the MARAC Board of Directors. The Board of Directors must approve all new awards and modifications to existing awards or award rules.

The **Awards Committee** consists of one or more MARAC members from each of the six districts represented on the Board of Directors. The **Awards Manager** appoints the members of the **Awards Committee** in consultation with each District Director. Each Member serves on the Committee for a term of one year and may be re-appointed for

additional terms by the **Awards Manager**.

The MARAC Board of Directors or the **Awards Manager** may remove any member of the Committee at any time.

Each member of the Awards Committee must maintain the following qualifications to serve on the Committee:

1. Be an active member in good standing of MARAC;
2. Have access to **Microsoft Word and** email on the Internet;
3. Be familiar with existing MARAC Awards and rules; and
4. Actively participate in the activities of the **Awards Committee**.

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Award Date (see Starting Over)

Award Date (see Starting Over)

[Previous](#) [Top](#) [Next](#)

The date of a MARAC Award is the UTC date that the application is processed by the **Awards Manager**. An individual award certificate or plaque (such as a **Last County** plaque) may contain the actual date of the contact for which the award is given.

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Awards - Effective Date of New Awards

Awards - Effective Date of New Awards

[Previous](#) [Top](#) [Next](#)

Awards – Effective Date of New Awards

For all new MARAC awards that require earning a prior award as a prerequisite to the new award, the new award becomes effective on the date the new award is approved by the MARAC Board of Directors. **Valid Contacts** for these new awards must be made after the effective date of the new award.

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Award Levels

Award Levels

[Previous](#) [Top](#) [Next](#)

Some MARAC Awards are available in stages reflecting incremental levels of achievement. Achievement of each **Award Level** is recognized by the issuance of a certificate;

endorsement plate, sticker, or seal; plaque; or trophy. The rules for individual awards establish the **Award Level** criteria and type of recognition.

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Awards Manager

Awards Manager

[Previous](#) [Top](#) [Next](#)

Under Section 5.1 (AWARDS) of the Bylaws of the Mobile Amateur Radio Awards Club (MARAC), the President of MARAC appoints an **Awards Manager** from among the regular members of MARAC. The appointment is subject to ratification by the Board of Directors. The **Awards Manager** administers the MARAC Awards program in accordance with the policies and procedures adopted by the Board of Directors. In addition, the **Awards Manager** receives and disburses funds in connection with the awards program in accordance with the policies adopted by the Board of Directors and procedures established working with the MARAC Treasurer. The **Awards Manager** serves as the chair of the **Awards Committee**.

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Band

Band

[Previous](#) [Top](#) [Next](#)

A segment of radio frequencies allocated by the FCC to the amateur service. Unless specified in a particular award, a **Valid Contact** may be made on any **Band**.

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Big Rig

Big Rig

[Previous](#) [Top](#) [Next](#)

A large truck consisting of a tractor unit that is capable of pulling a cargo trailer and is being driven by an operator holding a Commercial Drivers License (CDL) rated for the rig being operated (for a rig rated at 26001 GWD or more).

A **Big Rig** is also sometimes referred to as a “Semi” or “18-wheeler.” To qualify as a **Big Rig** for MARAC Awards, the tractor must have at least 10 wheels with tires touching the ground. If a trailer is attached, the trailer may be either loaded or unloaded.

Note: The definition of **Big Rig** does not include RV s, dump trucks, 5th-wheels, tow trucks, buses, or panel/delivery trucks.

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Club Stations

Club Stations

[Previous](#) [Top](#) [Next](#)

A club station may apply for and receive MARAC awards. Applications for awards for a **Club Station** must be filed by the trustee of the **Club Station**. Contacts with a **Club Station** are **Valid Contacts** for all MARAC awards except those awards that require contacts with operators who have earned individual achievement MARAC awards, such as the Master Gold or 5-Star awards. For these awards, the operator must use his or her personal call sign to make a **Valid Contact**.

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Confirmation of Contacts

Confirmation of Contacts

[Previous](#) [Top](#) [Next](#)

Contacts used for MARAC Awards do not require confirmation. Therefore, all MARAC Awards can be achieved without the exchange of QSL cards, MRC s, or eQSL s. This is different from the *CQ Magazine* USA County Award, which requires confirmation of contacts.

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Contest Contacts

Contest Contacts

[Previous](#) [Top](#) [Next](#)

Contacts made while operating in a contest or QSO party may be used for MARAC Awards. If the contest or QSO party rules regarding contacts or operation differ from the rules for MARAC Awards, only those contacts that conform to MARAC rules may be used for MARAC Awards.

County Line

County Line

[Previous](#) [Top](#) [Next](#)

A **County Line** is the legally defined boundary between two **USA Counties**. A marker or sign usually identifies this boundary; however, some **County Line** markers are located close to, but not on, the actual surveyed boundary. For purposes of contacts for MARAC Awards, the official government **County Line** marker or sign is deemed to be on the **County Line** boundary except where there is a **Wet County Line**.

A mobile may (but is not required to) use a more accurate method of determining the location of a **County Line** boundary, such as a survey map or global positioning system (GPS). On secondary roadways or country lanes, other **County Line** markers may be found, such as a livestock gate, cattle guard, or a monument placed in the fence line. A change in the composition of the roadway surface may also be an indication of a **County Line** boundary. When no other means of identifying a **County Line** is available, these markers may be used.

County Line Contacts

County Line Contacts

[Previous](#) [Top](#) [Next](#)

A stationary mobile may operate on a **County Line** and contacts with the mobile can be used as credit for both counties. Some part of the vehicle used for the mobile contact must be located in each county on the **County Line**.

Only one **County Line** at a time can be run for MARAC Awards. If the mobile is operating from the intersection of three or more **USA Counties**, only two counties at a time may be counted for the same contact.

Disqualification

Disqualification

[Previous](#) [Top](#) [Next](#)

Under Section 5.1(d)(8) of the MARAC Bylaws, “Evidence of disruptive operating practices or inappropriate conduct in any aspect of MARAC participation may lead to disqualification from all participation in the program.” Based on credible evidence, the MARAC Board of Directors determines whether disqualification will be imposed on an operator and the length of disqualification. Actions that may lead to disqualification include, but are not limited to:

1. The submission of forged or altered confirmations or applications;
2. Transmitting from a location other than the one specified during the operation;
3. Participating in activities that create an unfavorable impression of amateur radio, such as malicious attempts to cause disruption or discreditation of an operation;
4. Blatant inequities in confirmation (QSL/MRC) procedures and continued refusal to issue QSL/MRCs.

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District of Columbia

District of Columbia

[Previous](#) [Top](#) [Next](#)

(see **Federal Parks, Independent Cities, and Other Enclaves**)

A contact with a mobile in the **District of Columbia** may be counted as Montgomery or Prince George s County Maryland, or Arlington County, Virginia.

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DX Contact

DX Contact

[Previous](#) [Top](#) [Next](#)

A **Valid Contact** with a licensed amateur radio operator located in a foreign country or any CQ or ARRL DX entity other than the United States, Hawaii, or Alaska.

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Eligibility for MARAC Awardc

Eligibility for MARAC Awards

[Previous](#) [Top](#) [Next](#)

All MARAC Awards are available to any licensed amateur radio operator anywhere in the world. **Valid Contacts** using any combination of mobile, portable, or fixed operation and various modes of operation may qualify for MARAC Awards, although some awards or endorsements require that all contacts be made using a single **Mode** or type of operation. Some MARAC Awards are available for Short Wave Listeners (SWL's) on a heard basis.

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Endorsments

Endorsments

[Previous](#) [Top](#) [Next](#)

Any MARAC award that can be accomplished by making contacts on a single **Band** or using a single **Mode** may be endorsed for the single **Band** or **Mode** (or both) when all of the contacts used for the award use that **Band** or **Mode** (or both). For example, an award might be endorsed "Worked all on 20 Meters" or "Worked all using SSB" or "Worked all on 20 Meter SSB."

Endorsements are also available for specific methods of working the **Valid Contacts** for an award. The following endorsements are available on most awards (when appropriate):

All Mobile	All One Band	QRP
All Mobile to Mobile	All One Band and Mode	All Confirmed
All One Mode	No Relays	

Other endorsements may be available as stated in the rules for an individual award.

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Federal Parks, Independent Cities, Other Enclaves

Federal Parks, Independent Cities, Other Enclaves

[Previous](#) [Top](#) [Next](#)

When a station is operating in an independent city, a national park or other federal enclave, or the **District of Columbia** where the neighboring county lines do not extend into the area, then the contact with that station may be counted for any adjacent county.

Only one adjacent county may be counted for any award. For example, a contact with a mobile in Richmond, Virginia, may be counted as either Chesterfield County or Henrico County for an award. If a contact with a station in Richmond is used for Chesterfield County, then the contact used for Henrico County must be with a station actually located in

Henrico County.

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Fees

Fees

[Previous](#) [Top](#) [Next](#)

Unless otherwise specified in the rules for a specific MARAC award, the **Fees** for each MARAC award are as follows:

Certificate:	MARAC Members - \$2.00	Non-Members - \$7.00
Upgrades:	MARAC Members - \$2.00	Non-Members - \$7.00
Plaque:	MARAC Members - \$40.00	Non-Members - \$55.00
Last County Certificate: (Database and email):	Members and Non-Members - \$1.50	
Last County Certificate (Paper):	Members and Non-Members - \$3.00	
Last County Plaque:	Members and Non-Members - \$20.00	

All fees are subject to change by the MARAC Board of Directors.

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Fixed or Portable Operation

Fixed or Portable Operation

[Previous](#) [Top](#) [Next](#)

Any radio transmission from a location that is not a **Mobile Operation**.

As long as a vehicle is capable of being moved under its own power, is not attached to an external antenna system, and is not using commercial electric power or other external source of power, it is a mobile rather than a **Fixed or Portable Operation**. However, if a trailer, camper, or similar non-powered vehicle is separated from the towing vehicle, an operation from that vehicle is fixed or portable.

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Independent Cities

Independent Cities

[Previous](#) [Top](#) [Next](#)

(see Federal Parks, Independent Cities, and Other Enclaves)

Carson City, Nevada is an **Independent City** that is not part of any adjacent county. One of the adjacent Nevada counties (Douglas, Lyon, Storey, or Washoe) may be used for a **Valid Contact** with a station in Carson City. On the other hand, Baltimore City is a separate county from Baltimore County in Maryland.

There are 42 **Independent Cities** in the Commonwealth of Virginia. The following list will be modified automatically on the effective date of a change in the laws of the Commonwealth of Virginia adding or deleting an **Independent City**:

<u>Independent Cities</u>	<u>Adjacent Counties</u>
Alexandria	Arlington or Fairfax
Bedford	Bedford
Bristol	Washington
Buena Vista	Rockbridge
Charlottesville	Albemarle
Chesapeake	Isle of Wight
Clifton Forge	Alleghany
Colonial Heights	Chesterfield or Prince George
Covington	Alleghany
Danville	Pittsylvania
Emporia	Greensville
Fairfax	Fairfax
Falls Church	Fairfax
Fort Monroe	York
Franklin	Southampton
Fredericksburg	Spotsylvania
Galax	Carroll or Grayson
Hampton	York
Harrisonburg	Rockingham
Hopewell	Prince George
Lexington	Rockbridge
Lynchburg	Amherst, Bedford, or Campbell
Manassas	Prince William
Manassas Park	Prince William
Martinsville	Henry
Newport News	York
Norfolk	Isle of Wight
Norton	Wise
Petersburg	Chesterfield, Dinwiddie, or Prince George
Poquoson	York
Portsmouth	Isle of Wight
Radford	Montgomery
Richmond	Chesterfield or Henrico
Roanoke	Roanoke
Salem	Roanoke

South Boston	Halifax
Staunton	Augusta
Suffolk	Isle of Wight or Southampton
Virginia Beach	Isle of Wight
Waynesboro	Augusta
Williamsburg	James City
Winchester	Frederick

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Last County

Last County

[Previous](#) [Top](#) [Next](#)

The final county worked in a State (or USA) for an award. Among county hunters, it is a generally accepted practice to reward the operator who gives you the Last County for a State with a Last County Certificate. The operator who gives you the last county in the USA (also called the "Last County for the Whole Ball of Wax) can be rewarded with a Last County Plaque.

Nothing in the rules prohibits giving more than one Last County award. For example, if you work a mobile team for a Last County, you could give a certificate to one or both operators. Also, if you have to re-work a last county for a confirmation, it is suggested that you give a Last County award to the operator who actually confirms the contact.

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Log (see Valid Contact)

Log (see Valid Contact)

[Previous](#) [Top](#) [Next](#)

The log data generally required for all MARAC Awards are the following:

1. Call sign of the station or operator worked;
2. Date;
3. State and county worked.

Some awards may require additional information (such as whether the station worked was mobile or fixed/portable) or that the **Band** or **Mode** be specified (such as an **Endorsement** for a single **Band** or **Mode**).

Any required information for a particular award that is not contained in your **Log** should be

included in the application or in a cover email or note to the Awards Manager. Although a **Signal Report** or other information exchange is required to be a part of each **Valid Contact**, it is not necessary to include this exchange in the log submitted for an award

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Mobile Operation

Mobile Operation

[Previous](#) [Top](#) [Next](#)

Making contacts using a radio in or on a movable vehicle is a **Mobile Operation**. The vehicle does not have to be in motion. The radio must be powered by the vehicle or other power source that is contained in the vehicle and which is independent of all commercial or other outside power sources.

The vehicle must be capable of movement without having to disconnect any wiring or antennas in order to move to another location. Examples of vehicles that are capable of mobile operation include automobiles, trucks, RV s, trains, bicycles, airplanes, and buses.

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Mode

Mode

[Previous](#) [Top](#) [Next](#)

Any mode of operation that is legal for amateur operation under the rules of the Federal Communications Commission (FCC) may be used for contacts for MARAC Awards. The **Modes** of operation that may be used for MARAC awards and endorsements include SSB, CW, and Digital Modes. Digital **Modes** include RTTY, Baudot, ASCII, AMTOR, PSK, packet, and other digital operations authorized by the FCC (other than CW and digital voice).

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Net Operation

Net Operation

[Previous](#) [Top](#) [Next](#)

MARAC has no **Net Operations** and does not endorse or control any **Net Operation**. All contacts made on a net must meet the contact criteria required for the MARAC award for which those contacts are used.

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Net Control - Hours of Service

Net Control - Hours of Service

[Previous](#) [Top](#) [Next](#)

For purposes of MARAC awards, credit for service as a **Net Control Station (NCS)** or **Assistant Net Control (ANCS)** can be earned for assisting mobile stations to make contacts with other county hunters, including maintaining control of a net frequency, keeping a list of active mobiles, announcing mobile call signs and counties, and providing relays. **NCS** and **ANCS** time may not be claimed when a net is not operating ("open session").

A log must be maintained by the **NCS** or **ANCS** containing the dates and hours of operation as **NCS** or **ANCS**. The log may also include other information supporting the time of service claimed, such as call signs of mobiles run and the names of counties run. This log must be submitted with any application for an award where credit for **NCS** or **ANCS** is claimed. When applying for an award, the applicant must also submit a summary of the log showing the total number of hours or service as **NCS** and **ANCS** claimed.

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New Awards - Proposed Awards

New Awards - Proposed Awards

[Previous](#) [Top](#) [Next](#)

The MARAC Awards program attempts to further the goals of effective mobile amateur radio operation. To suggest a new award or a modification to an existing award or MARAC award rule, please submit your ideas in writing to the **Awards Manager**, a member of the **Awards Committee**, your MARAC District Director, or any MARAC officer. Your written suggestion should address the following:

1. A brief description of your idea for an award or modification. Include a draft of the new award rules or suggested modifications.
2. Why should MARAC adopt an award based on your idea or adopt the modification you suggest? Some possible questions that your proposal for a new award might answer are:
 - (a) How will your proposed award or modification promote effective and efficient **Mobile Operation**?
 - (b) How difficult is the award to achieve? Is it reasonably attainable by more than a few county hunters? Should the award be earned in levels?
 - (c) Are any county hunters already making the kinds of contacts that would be required to earn this award?
3. What do you suggest as a formal name or title for the award?

If you have any ideas for a certificate for the proposed award, you may provide a sketch or other artwork. A copy of your **Proposed Award** should be sent to your

District Director.

All suggestions for new awards and changes to current awards or rules are subject to review and modification by the **Awards Committee** and require final approval by the MARAC Board of Directors.

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Portable Operation (see Fixed or Portable Operation)

Portable Operation (see Fixed or Portable Operation)

[Previous](#) [Top](#) [Next](#)

Operation from a non-mobile, temporary fixed location. This includes battery-powered operation that is not in a vehicle.

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QRP

QRP

[Previous](#) [Top](#) [Next](#)

Low-power operation. For purposes of MARAC Awards, a **Valid Contact** using **QRP** requires that one operator in the two-way communication be using a **QRP** power level. Only HF frequency contacts may be used for **QRP** contacts. For MARAC Awards, the fixed, portable, or mobile **QRP** station must be using five (5) watts output or less.

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Replacement Certificates and Plaques

Replacement Certificates and Plaques

[Previous](#) [Top](#) [Next](#)

Replacement certificates will be available if you provide the required information and send it along with the basic award **Fee** for that certificate or plaque.

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Stars

Stars

[Previous](#) [Top](#) [Next](#)

A station has one **Star** for each time that station successfully completes all USA counties. The first **Star** is for receiving the *CQ Magazine* USA County Award. An additional **Star** is earned for each time the station receives a MARAC Worked All USA Counties (multiple times) award for working all **USA Counties**.

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Starting Over

Starting Over

[Previous](#) [Top](#) [Next](#)

For sequential awards, such as working all **USA Counties** multiple times, all **Valid Contacts** for the subsequent award (the next award in the series) must be made on or after the **Award Date**.

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Team Contact

Team Contact

[Previous](#) [Top](#) [Next](#)

A **Team** consists of two mobile operators transmitting from the same vehicle. Each **Team** member must hold a current amateur radio operator license that is valid for the operation on the **Band** and **Mode** used for the contact. A **Valid Contact** with a **Team** must include an exchange of information with each **Team** member, and the call sign of both **Team** members must be logged.

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Transmitted Counties

Transmitted Counties

[Previous](#) [Top](#) [Next](#)

Transmitted Counties are the counties where a mobile operator is located when making a **Valid Contact**. When the mobile operator is located on a **County Line**, both of the counties count as **Transmitted Counties**. For purposes of different awards, **Valid Contacts** made on multiple **Bands** and **Modes** each count as a **Transmitted County**.

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USA Counties

USA Counties

[Previous](#) [Top](#) [Next](#)

The list of counties of the United States that are used for certifying all applications for MARAC Awards includes all of the Louisiana parishes, the judicial districts of Alaska, and the counties of the other 48 states. When a county, parish, or judicial district is added or removed, the official MARAC **USA Counties** list will be modified on the effective date of the change stated in the law effecting the change. The official list is subject to approval by the MARAC Board of Directors.

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Valid Contact

Valid Contact

[Previous](#) [Top](#) [Next](#)

MARAC Awards require valid two-way radio contacts with other licensed amateur radio stations. A **Valid Contact** must be made in accordance with all applicable rules of the Federal Communications Commission (FCC) relating to amateur radio (such as **Mode**, licensing, operating procedures). A **Valid Contact** requires an exchange of information between two amateurs.

Contacts made through “repeater” devices, remote control of a “distant station” (including use of the internet or other indirect operation), or any other power relay methods (other than satellites) are not valid for MARAC Awards. For purposes of this rule and specifically to allow locally remote controlled or wireless operation of the station receiving and transmitting equipment, a “distant station” is one that is located more than fifty (50) miles from the location of the person using remote control to operate that station.

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Wet County Line

Wet County Line

[Previous](#) [Top](#) [Next](#)

A **County Line** boundary may be a river, lake, water reservoir, creek, brook, stream, or other watercourse, including a dry riverbed or arroyo. This type of county boundary is called a **Wet County Line**. As long as a **Wet County Line** can be run safely, it may be run using the same requirements as any other **County Line**.

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YL-OM Team

YL-OM Team

[Previous](#) [Top](#) [Next](#)

To be a **Valid Contact** for the MARAC **YL-OM Team** Award, the **Team** must include a female (YL) operator and a male (OM) operator who each hold a current amateur radio operator license that is valid for the operation on the amateur frequency and mode used for the contact. The YL and OM operators do not have to be married or otherwise related. Both **YL-OM Team** members must be operating from the same county and using the same radio. You must make a **Valid Contact** with each team member individually and the call sign of each operator must be included in your **Log**.

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Awards - MARAC

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Big Rig Award

Big Rig Award

[Previous](#) [Top](#) [Next](#)

OBJECTIVE: To make contacts with amateur radio operators who are driving or riding in **Big Rigs**.

SPECIAL RULES: **Big Rig** is defined in *General Rules and Definitions for MARAC Awards*.

AWARD LEVELS:

- Basic Certificate for 500 counties
- Seals for 1000 (Red), 1500 (Blue), and 2000 (Gold) counties
- Plaque for 2500 counties
- Endorsement Plates for 2600, 2700, 2800, 2900, and 3000 counties
- Special Plate for 3065+ USA counties

APPLICATION AND FEES: Standard application, logs, and fees. The standard certificate fees also apply to seals and endorsement plates for each level.

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Bingo - The Master County Hunter Award

Bingo - The Master County Hunter Award

[Previous](#) [Top](#) [Next](#)

OBJECTIVE: To make **Valid Contacts** with stations that match the first letter of the county in

which they are operating with one of the letters in the suffix of their amateur **Call Sign**.

SPECIAL RULES: In addition to matching the first letter of the county name (Cobb, IL) with one of the letters in the call sign suffix (W9ABC, KA2CBA), there are several special rules that apply to dual letter call signs and short call signs, as well as two wild cards:

- **Short Call Signs:** Any letter that matches the first letter of the county name may be used from 1x1, 2x1, 1x2, or 2x2 call signs.

For example, **W1AB** is good for Bingo in counties that begin with **W** or **A** or **B**.
KB3DC is good for Bingo in counties that begin with **K**, **B**, **C**, or **D**.

- **Repeated Letter Call Signs:** If a letter is repeated in a call sign (W1MMM, W2MMA, W3MAM, or KM4M), the letters preceding or following that letter alphabetically may be used.

For example, the **MMM**, **MM**, or **M-M** counts for Bingo in counties that begin with the letters L, M, or N (as well as any other letter in the suffix). Note: Calls with **WW** or **YY** may be used for counties that begin with **V** or **W** or **Z**, but do not count as the “X” wild card. The **ZZ** double letter can be used for **Y**, **Z**, or **A**, and the **AA** double letter can be used for **A**, **B**, or **Z**.

- **Wild Card Call Signs:** Call signs with an **X** in the call (such as **KX1AB** or **W1ABX**) and call signs belonging to operators with one or more **Stars** are good for Bingo in every **USA County**.

The term **Stars** is defined in *General Rules and Definitions for MARAC Awards*.

For counties with two or more words in the name, the first letter of any word may be used to coincide with the call (**West Baton Rouge** or **Jim Hogg**).

For Alaskan judicial districts use **First Judicial District – South East**, **Second Judicial District – North West**, **Third Judicial District - South Central**, and **Fourth Judicial District - Central**.

AWARD LEVELS: No intermediate levels. **Bingo** is awarded for working **All USA Counties**. After completing **Bingo**, each sequential award (Bingo II, Bingo III, etc.) can be worked by **Starting Over** and working **All USA Counties** again for the sequential award.

APPLICATION AND FEES: Standard application, logs, and fees.

Bingo - Cinco Award

Bingo - Cinco Award

OBJECTIVE: To make contacts in all **USA Counties** with amateur radio operators who have earned the Bingo I, Bingo II, or higher level Bingo awards in order to collect a total of five (5) Bingo credits in each county.

SPECIAL RULES: All **Valid Contacts** for this award must have been made on or after September 15, 2015.

Each **Valid Contact** with an operator who has earned the Bingo Award (a “Bingo Holder”) counts toward the five Bingo credits needed for each county. If you work five different Bingo holders in the same county, you have 5 Bingo credits and have completed all the needed Bingo contacts for that county.

Valid Contacts with amateur operators who have earned higher level Bingo awards (Bingo II, Bingo III, etc.) count earn multiple Bingo credits, depending on the Bingo award level. If you have a **Valid Contact** with someone who holds the MARAC Bingo V Award, that contact is worth five credits – all you need to complete the county - you have completed the county with only one contact! Contacts with one Bingo II holder (2 credits) and one Bingo III holder (3 credits) would also finish the county with a total of 5 Bingo credits.

You can only count a contact with each Bingo holder one time per county. In other words, even if you work a Bingo II holder twice in the same county, you still only have two credits for that county.

However, if you have an additional **Valid Contact** with an operator who has earned a higher level Bingo award after the date of your original contact, you can add the additional credit(s) to your Bingo Cinco log. In no case, however, can you claim more Bingo credits for a Bingo holder call sign in your log than the total number of Bingo awards actually held by the operator at the time of your last claimed contact in that county.

Also, you cannot claim credit for Bingo credits earned by an operator after the date of your last contact unless you make an additional **Valid Contact** with that operator in the county.

AWARD LEVELS: Certificate and plaque for earning a total of five Bingo credits in each county for all **USA Counties**.

APPLICATION AND FEES: Standard application, logs, and fees.

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Bingo - Natural Bingo Award

Bingo - Natural Bingo Award

[Previous](#) [Top](#) [Next](#)

OBJECTIVE: To make **Valid Contacts** with stations that match the first letter of the county in which the stations are operating with one of the letters in the suffix of their amateur **Call Sign**.

SPECIAL RULES:

For counties with two or more words in the name, the first letter of any word may be used to coincide with the letters in the suffix of the **Call Sign** (West Baton Rouge or Jim Hogg).

For Alaskan judicial districts use **First Judicial District – South East**; **Second Judicial District – North West**; **Third Judicial District - South Central**; and **Fourth Judicial District - Central**.

The special rules that apply to Bingo – The Master County Hunter Award for short call signs, repeated letters in call signs, stars, and wild cards do not apply to Natural Bingo. Only the actual letters in the suffix of the **Call Sign** may be used.

AWARD LEVELS: No intermediate levels. **Natural Bingo** is awarded for working **All USA Counties**.

APPLICATION AND FEES: Standard application, logs, and fees.

County Challenge Award

County Challenge Award

[Previous](#) [Top](#) [Next](#)

IN MEMORIAM: The County Challenge Award is dedicated to Bill Inkrote (K2NJ-SK). In addition to his years of service to MARAC and leadership as MARAC President, Bill was an active DXCC Honor Roll member, contester, DXpeditioner, and a dedicated county hunter who led the way in working counties on all bands and modes.

OBJECTIVE: To encourage county hunters to work and activate counties on as many bands as possible and to work as many counties as possible on the following bands: 160m, 75-80m, 40m, 30m, 20m, 17m, 15m, 10m, and 6m.

SPECIAL RULES: The number of counties worked for the award is the combined total of counties worked on each band. For example, if 500 counties are worked on 80m, 1500 on 40m, 2000 on 30m, and 3000 on 20m, the County Challenge total is 7000.

AWARD LEVELS: Each one thousand (1000) counties worked is one level of the award. For example, a CC total of 7,000 counties would be eligible for CC Level #7.

APPLICATION AND FEES: Standard application, logs, and fees.

County Hunter of the Year Award - SSB

County Hunter of the Year Award - SSB

[Previous](#) [Top](#) [Next](#)

IN MEMORIAM: The County Hunter of the Year Award - CW is in honor of Ed Sanders (WA6VJP, SK). Ed was a seven-time winner of the Net Control of the Year Award – CW, as well as a winner of the County Hunter of the Year Award - CW. Ed had one of the best "fists" in America and worked all counties on CW five times.

OBJECTIVE: To recognize members of MARAC who have made a significant overall contribution to MARAC and county hunting. A member of MARAC may only receive this award only once (for each category).

SPECIAL RULES: The recipients of this award are determined by an annual ballot of the MARAC membership. The vote is conducted before each annual meeting.

The candidates for the award are nominated by MARAC District Directors. Each District Director may select one nominee for each category (SSB/CW) to be placed on the ballot from among the nominees submitted by MARAC members from that Director's district.

The District Director must receive nominations not later than the end of the fourth month preceding the annual meeting or by the deadline announced in the MARAC newsletter.

The District Director must forward his or her selection and reasons for the nomination to the Awards Manager by the middle of the following month.

If the Awards Manager receives more than three nominations for a category, the Awards Committee will select the three nominees for each category for the ballot.

If less than three nominations are received from District Directors, the Awards Committee may select additional nominees to bring the number of nominees for the ballot up to three.

Criteria for consideration for nomination include the following:

1. Quality and quantity of operating to provide **Valid Contacts** from multiple counties while in **Mobile Operation** or while assisting mobile county hunters as a Net Control Station (NCS) or assistant NCS.
2. Participation in MARAC activities and service to MARAC and the members of MARAC.
3. Other activities in support of county hunting.
4. Technical proficiency in design or usage or implementation of enhancements to mobile operation or county hunting net operations. Overall amateur radio general support in a manner consistent with good operation and advancement of the hobby.
5. Current MARAC officers and directors are not eligible for this award

AWARD LEVELS: A MARAC special plaque is presented at the MARAC annual convention to the nominee in each category who receives the most votes. Certificates are presented to each of the other nominees on the ballot.

APPLICATION AND FEES: There are no fees this award.

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County Hunter of the Year - CW

County Hunter of the Year - CW

[Previous](#) [Top](#) [Next](#)

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If less than three nominations are received from District Directors, the Awards Committee may select additional nominees to bring the number of nominees for the ballot up to three.

Criteria for consideration for nomination include the following:

1. Quality and quantity of operating to provide **Valid Contacts** from multiple counties while in **Mobile Operation** or while assisting mobile county hunters as a Net Control Station (NCS) or assistant NCS.
2. Participation in MARAC activities and service to MARAC and the members of MARAC.
3. Other activities in support of county hunting.
4. Technical proficiency in design or usage or implementation of enhancements to mobile operation or county hunting net operations. Overall amateur radio general support in a manner consistent with good operation and advancement of the hobby.
5. Current MARAC officers and directors are not eligible for this award.

AWARD LEVELS: A MARAC special plaque is presented at the MARAC annual convention to the nominee in each category who receives the most votes. Certificates are presented to each of the other nominees on the ballot.

APPLICATION AND FEES: There are no fees this award.

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Double Diamond Award

Double Diamond Award

OBJECTIVE: To make **Valid Contacts** in **All USA Counties** with operators who have earned the MARAC Mobile Diamond Award, including contacts while in a **Mobile Operation** transmitting from at least 500 counties as the holder of the Mobile Diamond Award.

SPECIAL RULES: All **Valid Contacts** for this award must have been made on or after September 15, 2015, and after the applicant has received the Mobile Diamond Award.

After having received the Mobile Diamond Award, the applicant must make contacts with other holders of the Mobile Diamond Award in All USA Counties (Double Diamond contacts). Both Mobile Diamond holder operators involved in each Double Diamond contact may count both counties toward the Double Diamond Award. These contacts may be any combination of mobile to mobile, mobile to fixed or fixed to fixed stations.

The applicant must also make **Valid Contacts** while transmitting in a Mobile Operation from at least five hundred (500) different counties.

In each of the 500 different counties transmitted while in Mobile Operation, the applicant must use at least (2) different Bands and make at least three (3) **Valid Contacts** with different stations on any one Band and a total of three (3) or more additional **Valid Contacts** on one or more additional Bands (any combination of additional Bands). At least one of these mobile contacts must be with another holder of

the Mobile Diamond Award and that contact may be on any Band. If needed, this mobile contact may also count toward the requirement to make **Valid Contacts** with other Mobile Diamond holders in All USA Counties.

For each **Valid Contact**, the two Mobile Diamond Award holders must be in separate counties (or countries) at the time the **Valid Contact** is made.

(**To qualify for one of the 500 'completed' counties:**

1 The contact must be on or after 9/15/2015

2 You must have received your Mobile Diamond award at the time of the contact

3 You must make 3 contacts in a single band

4 You must make an additional 3 contacts in any combination of other bands

5 At least one of these 6 contacts must be with another MD holder)

AWARD LEVELS: There are no intermediate levels for this award. The award is for making Double Diamond contacts in All USA Counties, as well as transmitting from 500 counties in a Mobile Operation.

APPLICATION AND FEES: Standard application and logs. There are no fees for MARAC members for this award. Standard fees apply to non-members.

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DX Mobile Award

DX Mobile Award

[Previous](#) [Top](#) [Next](#)

OBJECTIVE: To make **Valid Contacts** with amateur radio operators in DXCC countries while operating mobile.

SPECIAL RULES: The *ARRL DXCC List* in effect at the time the award application is received by MARAC is used to determine valid DXCC entities for this award.

The applicant's home DXCC country cannot be used for this award unless the applicant makes the contact while mobile in a different DXCC entity. For example, a German applicant could count a contact with Germany if the contact was made while the German ham was mobile in Italy.

Valid Contacts with Alaska or Hawaii can be counted by applicants from the "lower 48" United States because Alaska and Hawaii are different DXCC entities.

Aeronautical or maritime mobiles must be within the territorial limits of the country for which a contact is claimed.

AWARD LEVELS: New Certificate for Seals for 50, 75, and 100 DXCC entities. Plaque for 150 or more DXCC entities

APPLICATION AND FEES: Standard application, logs, and fees. The standard certificate fees also apply to seals for each level. List contacts alphabetically by DXCC entity call sign.

Five Band Counties Award

Five Band Counties Award

[Previous](#) [Top](#) [Next](#)

OBJECTIVE: To make contacts with amateur radio stations in All USA Counties on any five (5) amateur bands.

SPECIAL RULES: Any **Valid Contacts** submitted for other MARAC awards may also be used for this award.

AWARD LEVELS: Basic Certificate for 2000 counties on all 5 bands
MARAC Trophy for **All USA Counties** on all 5 bands

APPLICATION AND FEES: Standard application, logs, and fees.

Five Mode Award

Five Mode Award

OBJECTIVE: To make contacts with amateur radio stations in **All USA Counties** using five (5) different Modes for each county.

SPECIAL RULES: Each of the five contacts for each county must be made using a different **Mode**.

The contacts may be made using any **Band** and may be made on the same **Band** or on any mix of **Bands**. Any of the **Modes** used to complete a particular county may be different from any or all of the **Modes** used to complete other counties.

Any mode of operation or form of modulation (including, but not limited to, SSB, FM, CW, SSTV, and the many digital forms of modulation) that is legal for amateur use under the rules of the Federal Communications Commission (FCC) may be used for this award.

For each **Mode** that has variations in speed or other parameters (such as CW-R or PSK 63), the variations do not count as separate or different **Modes**. **Modes** with variations in speed or other parameters are referred to as "**Mode sets**." The variations in each **Mode** set are collectively considered a single different **Mode** for purposes of this award.

Valid Contacts that are eligible for other MARAC awards may also be used for this award.

When at least one of the stations is a **Mobile Operation**, both stations may count the contact.

AWARD LEVELS: A separate award (certificate and mobile plaque) is available for each State.

All counties in a State must be completed for the award for that State.

Each State award may be earned multiple times up to a maximum of ten (10) times, but only the first time is a numbered award. An applicant must complete contacts with all counties in a State (using five different Modes) before starting over in that State.

A special MARAC Trophy will be awarded for completing contacts using five different **Modes in all USA Counties**. There is no fee for the special MARAC trophy.

APPLICATION AND FEES: Standard application, logs, and fees.

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Five Star Award

Five Star Award

[Previous](#) [Top](#) [Next](#)

OBJECTIVE: To make **Valid Contacts** in all **USA Counties** with USA-CA holders and MARAC multiple-time Worked All USA Counties Award holders totaling five (5) **Stars** in each county.

SPECIAL RULES: Each contact with a **Star** counts toward the five **Star** total needed for each county. If you work five different USA-CA holders in the same county, you have **Valid Contacts** with five **Stars** and have completed all the needed **Stars** for that county.

Contacts with amateur operators who have earned more than one **Star** count for the number of stars earned. If you have a **Valid Contact** with someone who holds the MARAC Worked All USA Counties Fifth Time Award, that contact is worth five **Stars**, and you have completed the county with only one contact!

You can only count a contact with each **Star** one time per county. In other words, if you work a two-**Star** holder twice in the same county, you have only accumulated two **Stars** for that county.

However, if you have another **Valid Contact** with an operator who has earned one or more additional **Stars** after the date of your original contact, you can add the additional **Star(s)** to your Five Star log. In no case, however, can you claim more **Star** credits for a call sign in your log than the total number of **Stars** actually held by the operator at the time of your last claimed contact in that county.

Also, you cannot claim credit for **Stars** earned by an operator after the date of your last contact unless you make an additional **Valid Contact** with that call sign in the county for which the additional **Stars** are claimed.

AWARD LEVELS: Certificate and plaque for contacts with five **Stars** in all **USA Counties**.

APPLICATION AND FEES: Standard application, logs, and fees.

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Gemini Award

Gemini Award

[Previous](#) [Top](#) [Next](#)

IN MEMORIAM: This MARAC award is in honor of Jack Scroggins (WØSJE, SK), a charter founder of MARAC and the first MARAC Awards Manager.

OBJECTIVE: To make **Valid Contacts** with amateur radio operators who have received the

MARAC Worked All USA Counties Second Time Award (two **Stars**).

SPECIAL RULES: Only one **Valid Contact** with each two-**Star** holder may be used for this award.

Each contact must be made on or after the date that the MARAC Worked All USA Counties Second Time Award was issued to that two-**Star** holder.

AWARD LEVELS:

Basic Certificate for contacts with 25 different two **Star** holders. New Certificates for Seals for 50, 75, 100, and 150 two-**Star** holders. Plaque for contacts with 150 or more different two Star holders.

APPLICATION AND FEES: Standard application and logs. Standard fees apply to the certificate and plaque. The standard certificate fees apply to seals for each level.

List the two **Star** holders call signs in numerical order of the MARAC Worked All USA Counties Second Time Award number, starting with the lowest number. Logs for higher levels should list all contacts cumulatively.

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King of the Road Award

King of the Road Award

[Previous](#) [Top](#) [Next](#)

OBJECTIVE: To make contacts with the same mobile operator in multiple counties and States.

SPECIAL RULES: The applicant must make **Valid Contacts** with the same operator while that operator is in a **Mobile Operation**. If the operator has changed call signs, all of the different calls signs for the same operator may be used for this award.

The applicant may also order additional award certificates and plaques to be presented as a “thank you” to the mobile operator with whom the multiple contacts are made for each category of this award.

AWARD LEVELS:

King of the Road - Multi-County Award

A certificate is issued for making contacts with the same mobile operator in 100 different counties. New Certificates for Seals for 250, 500, and 1000 King of the Road entities. The MARAC Mobile Plaque is awarded for making contacts with the same mobile operator in 1500, 2000, 2500, or 3000 different counties.

A MARAC Special Plaque is awarded for making contacts with the same mobile in **All USA Counties**.

King of the Road - Multi-State Award

A certificate is awarded for making **Valid Contacts** with the same mobile operator in fifteen

(15) different states. New Certificate for Seals for 25, 35, or 45 are awarded for making **Valid Contacts** with the same mobile.

The MARAC Mobile Plaque is awarded for making contacts with the same mobile in 48 or more States.

King of the Road (State) Award

A certificate is awarded for making contacts with the same mobile in all counties of a single State. A separate certificate is available for each State.

APPLICATION AND FEES: Standard application, logs, and fees.

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Last County in a State Award

Last County in a State Award

[Previous](#) [Top](#) [Next](#)

IN MEMORIAM: This MARAC award is in honor of Ken Carpenter (KC4UG, SK), who was one of the most active mobile operators in MARAC. Ken received more than 500 last county awards and was always ready to drive the extra mile to get a last county for a fellow county hunter.

OBJECTIVE: To recognize the operator who transmits a **Valid Contact** for the last county in a State needed by a county hunter.

SPECIAL RULES: This award is presented by a county hunter as a “thank you” to the operator who transmits the last county needed to complete a State. See the *General Rules and Definitions for MARAC Awards* for further guidance on how this award is used by county hunters.

AWARD LEVELS: Last County in a State awards are recorded in the MARAC database and posted on the MARAC web site. MARAC members are also notified by email. A paper certificate can be ordered from the Awards Manager. After transmitting twenty-five (25) last counties, a MARAC member receives a Roadrunner Award.

APPLICATION AND FEES: The fee for both members and non-members applying for this award is \$1.50 for the award. After the first award certificate, the fee for a certificate by mail is \$3.00. The Last County award application is available on the MARAC web site.

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Last County in the USA Award

Last County in the USA Award

[Previous](#) [Top](#) [Next](#)

OBJECTIVE: To recognize the operator who gives a **Valid Contact** for the last county needed by a county hunter to finish working **All USA Counties**.

SPECIAL RULES: This award is presented by a county hunter as a “thank you” to the operator who transmits the last county needed to complete **All USA Counties**, which is also known as the “Whole Ball of Wax.” See the *General Rules and Definitions for MARAC Awards* for further guidance on how this award is used by county hunters.

This award also counts as a **Last County** for the MARAC **Roadrunner Award**.

AWARD LEVELS: None.

APPLICATION AND FEES: Both members and non-members applying for this award pay a flat fee of \$2.00 for the certificate or \$20.00 for the certificate and mobile plaque. The plaque is delivered to the recipient by MARAC.

The **Last County** certificate for this award includes red, blue, and gold seals. The Last County award application is available on the MARAC web site.

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Master Gold Award

Master Gold Award

[Previous](#) [Top](#) [Next](#)

IN MEMORIAM: This MARAC award is in honor of Arnie Bachmann (K9DCJ, SK). Arnie was a big part of the history of county hunting and was the unofficial MARAC historian. In 1991, Arnie authored the “USA-CA Award: The Story of County Hunting,” which was published as a three part series in *CQ Magazine*. He wrote county hunting history articles for the MARAC convention annual reports.

OBJECTIVE: For holders of both a **Star** and the Bingo - Master County Hunter Award (“Bingo”) to make **Valid Contacts** in **All USA Counties** with each other and perform service to MARAC and the county hunting community.

SPECIAL RULES: All contacts for Master Gold must be made after the applicant has earned at least one **Star** and the Bingo Award. Each contact must be made with another operator who has also earned at least one **Star** and the Bingo Award.

Both counties involved in a **Valid Contact** may be counted by both operators.

In addition to making contacts with other eligible operators in or from **All USA Counties**, the applicant must provide proof satisfactory to the **Awards Manager** of a total of 1500 hours of service consisting of any combination of the following:

- *Service to the county hunting community* as Net Control or Assistant Net Control.
- *Service to the county hunting community for assisting mobiles.* Credit for service is 10 minutes for each mobile run. You must provide all of the following assistance to each mobile:

- Announce the mobile - giving their call and county;
 - Post the mobile (if you have Internet access);
 - Remain on frequency and assist with relays; and
 - Announce the mobile and county at the end of run.
- **Service to MARAC**, including any combination of the following:
 - Awards Manager (500 hours per year)
 - Newsletter Editor (500 hours per year)
 - Secretary (500 hours per year)
 - Treasurer (300 hours per year)
 - President or Vice President (200 hours per year)
 - District Director or Past President (100 hours per year)
 - Appointed position or committee service (actual hours)
 - National or mini convention coordinator (actual hours)

An applicant may substitute *transmitted counties* for hours of service at the rate of one transmitted county equals one hour of service. You may transmit from the same county multiple times (but no more than once on the same date), and the same county may only be counted a maximum of 50 times.

All contacts for this award must have been made after June 1, 1994, and at least half (750) of the hours of service or transmitted counties (or combination of both) must have been performed after June 1, 1994.

AWARD LEVELS: Master Gold is awarded for working **All USA Counties** and completing the full 1500 hours of service or transmitted counties.

APPLICATION AND FEES: Standard application, logs (showing contacts for both worked and transmitted counties), and fees. Service hour logs must include total hours of service claimed and the following information for each mobile run:

- Mobile call sign
- Date and time
- Band and Mode
- County and State
- Total hours of service

Master Platinum Award

Master Platinum Award

[Previous](#) [Top](#) [Next](#)

OBJECTIVE: To make **Valid Contacts** with Master Gold Award holders. Also including transmitting from at least 500 counties after the applicant has earned the Master Gold

Award.

SPECIAL RULES: An applicant must make contacts with holders of the Master Gold Award in **All USA Counties** (Master's Gold contacts).

All **Valid Contacts** for this award must have been made on or after February 12, 2003.

Valid Contacts with Master Gold Award holders made before the applicant receives the Master Gold Award are good for the county where the Master Gold Award holder is located. After the applicant receives the Master Gold Award, both operators may count both counties.

After the date of the applicant's Master Gold Award, the applicant must make additional **Valid Contacts** with other holders of the Master Gold Award while transmitting from at least five hundred (500) different counties.

The two Master Gold Award holders must be in separate counties (or countries) at the time a **Valid Contact** is made.

AWARD LEVELS: The Master Platinum is awarded for making Master Gold contacts in **All USA Counties** and transmitting from at least 500 different counties as a Master Gold holder.

APPLICATION AND FEES: Standard application and logs. There are no fees for MARAC members for this award. Standard fees apply to non-members.

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MARAC Achievement Awards

MARAC Achievement Awards

[Previous](#) [Top](#) [Next](#)

OBJECTIVE: To provide recognition of achievements by a county hunter or other member of the amateur radio community.

SPECIAL RULES: Presentation of the MARAC **Outstanding Achievement Award** plaque must be approved by a majority of the MARAC Board of Directors. Presentation of the MARAC **Lifetime Achievement Award** trophy must be approved two-thirds of the MARAC Board of Directors.

The MARAC **Outstanding Achievement Award** and MARAC **Lifetime Achievement Award** are usually presented at the MARAC annual convention.

AWARD LEVELS: There are three levels of MARAC Achievement Awards

The MARAC **Special Achievement Award** certificate may be presented by the MARAC Board of Directors from time to time for any reason deemed appropriate by the Board. In addition, a **Special Achievement Award** certificate is presented to the second and third place runner-ups for the Mobile of the Year, Net Control of the Year, and Mobile Team of the Year awards.

The MARAC **Outstanding Achievement Award** plaque is presented by the MARAC Board of Directors to recognize an exceptional accomplishment by a county hunter or other member of the amateur radio community.

The MARAC **Lifetime Achievement Award** trophy is presented by the MARAC Board of Directors to recognize the cumulative accomplishments by a county hunter or other member of the amateur radio community over a number of years.

APPLICATION AND FEES: Any member of MARAC may recommend that the MARAC **Outstanding Achievement Award** and **Lifetime Achievement Award** are initiated by submitting a written recommendation to the MARAC Board of Directors. The recommendation must include a statement of the reason(s) for making the award. There is no fee for this award.

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MARAC Contest Award

MARAC Contest Award

[Previous](#) [Top](#) [Next](#)

OBJECTIVE: To recognize highest scoring entrants in the annual MARAC county hunting contests.

SPECIAL RULES: MARAC sponsors annual SSB and CW contests.

Each contest is organized and chaired by a Contest Manager who is appointed by the MARAC President. The Contest Manager will recommend contest rules for approval by the MARAC Board of Directors, announce and publicize the contest, receive and score contest entries, and notify the **Awards Manager** of the results of the contest.

AWARD LEVELS: Contest award categories are defined in the contest rules.

A certificate is awarded to each of the four highest scoring entrants in each contest category.

A certificate is awarded to each entrant with at least 100 valid contacts.

A certificate is awarded to the highest scoring entrant in each U.S. state, the District of Columbia, each Canadian province, and DX entity (other than the United States, Alaska or Hawaii).

A MARAC mobile plaque is awarded to the two highest scoring entrants in each contest category, the two highest scoring entrants in North America, and the highest

scoring operator located in CQ or ARRL DX entity other than the United States, Hawaii, or Alaska.

APPLICATION AND FEES: In order to be eligible for an award, an entrant must submit a log and entry information that meet all of the requirements of the contest rules. There are no contest entry fees or other fees for this award.

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MARAC Custodian's Award

MARAC Custodian's Award

[Previous](#) [Top](#) [Next](#)

OBJECTIVE: To recognize members of MARAC who are supportive of the goals, objectives, and needs of the MARAC awards program.

SPECIAL RULES: Each year the **Awards Manager** may select one or more members of MARAC who are deserving of special recognition. The criteria for this award are solely within the discretion of the **Awards Manager**, but recommendations may be obtained from any county hunter.

The MARAC **Custodian s Award** plaque is usually presented at the MARAC annual convention.

AWARD LEVELS: None

APPLICATION AND FEES: No application is required. There are no fees for this award.

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MARAC Service Awards

MARAC Service Awards

[Previous](#) [Top](#) [Next](#)

OBJECTIVE: To provide recognition of service to MARAC and the county hunting community.

SPECIAL RULES: Presentation of the MARAC **Outstanding Service Award** plaque must be approved by a majority of the MARAC Board of Directors. Presentation of the MARAC **Lifetime Service Award** trophy must be approved two-thirds of the MARAC Board of Directors.

The MARAC **Outstanding Service Award** and MARAC **Lifetime Service Award** are usually presented at the MARAC annual convention.

AWARD LEVELS: There are three levels of MARAC Service Awards:

The MARAC Awards Manager will present a MARAC **Certificate of Appreciation** to any person who provides a special service to MARAC. This award certificate is presented upon the recommendation of any member of MARAC and does not require action by the MARAC Board of Directors.

The MARAC **Outstanding Service Award** plaque is presented to recognize exceptional service to MARAC by a county hunter or other member of the amateur radio community.

The MARAC **Lifetime Service Award** trophy is presented to recognize the cumulative service to MARAC over a number of years by a county hunter or other member of the amateur radio community.

APPLICATION AND FEES: Any member of MARAC may recommend that the MARAC **Outstanding Service Award** or **Lifetime Service Award** be presented by submitting a written recommendation to the MARAC Board of Directors. The recommendation must include a statement of the reason(s) for making the award. There is no fee for this award.

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Mobile Diamond Award

Mobile Diamond Award

[Previous](#) [Top](#) [Next](#)

OBJECTIVE: To make **Valid Contacts** in **All USA Counties** with mobile operators who have earned the MARAC Master Platinum Award, including contacts while transmitting from at least 500 counties on at least two different bands after the applicant has earned the Master Platinum Award.

SPECIAL RULES: All **Valid Contacts** for this award must have been made on or after September 15, 2010.

An applicant must make contacts with holders of the Master Platinum Award in **All USA Counties** (Master Platinum contacts) after having earned the Master Platinum Award, and both operators may count both counties.

After the date of the applicant's Master Platinum Award, the applicant must make additional **Valid Contacts** while transmitting from at least five hundred (500) different counties.

In each of the 500 transmitted counties, the applicant must use at least (2) different **Bands** and make at least three (3) **Valid Contacts** with different stations on each **Band**.

While transmitting from at least five hundred (500) different counties, at least one (1) of the **Valid Contracts** must be with another holder of the Master Platinum Award. The contact may be on either of the two bands.

The two Master Platinum Award holders must be in separate counties (or countries) at the time a **Valid Contact** is made.

AWARD LEVELS: The Mobile Diamond is awarded for making Master Platinum contacts in **All USA Counties** and making multiple contacts while transmitting from at least 500 different counties on at least two **Bands** as a Master Platinum holder.

APPLICATION AND FEES: Standard application and logs. There are no fees for MARAC members for this award. Standard fees apply to non-members.

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Mobile of the Year Award - SSB / CW

Mobile of the Year Award - SSB /
CW

[Previous](#) [Top](#) [Next](#)

IN MEMORIAM: The Mobile of the Year Award - CW is in honor of Mike Mutnick (KV0E, SK). Mike, a two-time winner of the Mobile of the Year Award- CW, was tragically murdered by hitchhikers while on a mobile trip in New Mexico in 1984.

OBJECTIVE: To recognize members of MARAC who have made a significant contribution to county hunting by making contacts from multiple counties while in a **Mobile Operation**.

SPECIAL RULES: The recipient of each award is determined by a quarterly ballot of the MARAC membership. The annual recipient in each category (SSB/CW) is the MARAC member who receives the highest total of votes from all quarterly ballots each year. The same person may receive this award more than once.

Each voter and recipient must be a member of MARAC in good standing, as evidenced by current payment of dues.

AWARD LEVELS: A MARAC special plaque is presented to each recipient at the MARAC annual convention. Certificates are presented in each category to MARAC members who receive the second and third largest total of votes each year.

APPLICATION AND FEES: There are no fees this award.

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Mobile Team of the Year

Mobile Team of the Year

[Previous](#) [Top](#) [Next](#)

OBJECTIVE: To recognize two members of MARAC who have made a significant contribution to county hunting by making **Team Contacts** from multiple counties while in a **Mobile Operation**.

SPECIAL RULES: The recipients of this award are determined by a quarterly ballot of the MARAC membership. The annual recipients are the MARAC **Team** members that receive the highest total of votes from all quarterly ballots each year. The same person may receive this award more than once as part of the same **Team** or a different **Team**.

Each voter and both **Team** members must be members of MARAC in good standing, as evidenced by current payment of dues.

AWARD LEVELS: A MARAC special plaque is presented to each **Team** member at the MARAC annual convention. Certificates are presented to MARAC **Team** members who receive the second and third largest total of votes each year.

APPLICATION AND FEES: There are no fees this award.

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Mobile to Mobile Award

Mobile to Mobile Award

[Previous](#) [Top](#) [Next](#)

OBJECTIVE: To make contacts with mobile amateur radio operators in all USA counties from a mobile.

SPECIAL RULES: Any Valid Contacts submitted for other MARAC awards may also be used for this award.

AWARD LEVELS: Mobile to Mobile will be awarded for making contacts in all USA counties while both parties to the contact are in a **Mobile Operation**.

APPLICATION AND FEES: Standard application, logs, and fees.

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Native American Counties Award

Native American Counties Award

[Previous](#) [Top](#) [Next](#)

OBJECTIVE: Make contacts with amateur radio operators in **USA Counties** that have names derived from Native American languages.

SPECIAL RULES: Any Valid Contacts submitted for other MARAC awards may also be used for this award. The list of required counties is available from the Awards Manager or on the MARAC web site.

AWARD LEVELS: This award requires making Valid Contacts with all of the counties on the Native American counties list.

APPLICATION AND FEES: Standard application, logs, and fees.

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Net Control of the Year - SSB / CW

Net Control of the Year - SSB / CW

[Previous](#) [Top](#) [Next](#)

IN MEMORIAM: The Net Control of the Year Award - CW is in honor of Paul Edmonds (W8RYP, SK). Paul was an active Net Control on the early CW county hunting nets, especially 40 meters.

OBJECTIVE: To recognize members of MARAC who have made a significant contribution to county hunting by operating as net control operator for a **Net Operation** that supports contacts among county hunters.

SPECIAL RULES: The recipient of each award is determined by a quarterly ballot of the MARAC membership.

The annual recipient in each category (SSB/CW) is the MARAC member who receives the highest total of votes from all quarterly ballots each year. The same person may receive this award more than once.

Each voter and recipient must be a member of MARAC in good standing, as evidenced by current payment of dues.

AWARD LEVELS: A MARAC special plaque is presented to each recipient at the MARAC annual convention. Certificates are presented in each category to MARAC members who receive the second and third largest total of votes each year.

APPLICATION AND FEES: There are no fees this award.

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Polaris Award

Polaris Award

[Previous](#) [Top](#) [Next](#)

IN MEMORIAM: This MARAC award is in honor of Cliff Corne, Jr. (K9EAB, SK), who was the first amateur radio operator to confirm contacts with all USA counties and earn the first USA-CA Award. Cliff's achievement was even more remarkable because he completed the award while confined to an iron lung with polio.

OBJECTIVE: To make **Valid Contacts** with amateur radio operators who have received the USA-CA Award (one **Star**).

SPECIAL RULES: Only one **Valid Contact** with each **Star** holder may be used for this award. The contact must be made on or after the date that the USA-CA Award was issued to that **Star** holder.

AWARD LEVELS:

Basic Certificate for contacts with 100 different **Star** holders.

New Certificates for 250, 500, 750, 1000 one **Star** holders.

MARAC Special Plaque for contacts with 1000 or more different Star holders.

APPLICATION AND FEES: Standard application and logs. . Standard fees apply to the certificate and plaque. The standard certificate fees apply to seals for each level. List the **Star** holders call signs in numerical order of the USA-CA number, starting with the lowest number. Logs for higher levels should list all contacts cumulatively.

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President's Award

President's Award

[Previous](#) [Top](#) [Next](#)

OBJECTIVE: To recognize members of MARAC who are supportive of the goals, objectives, and needs of the MARAC and county hunting.

SPECIAL RULES: Each year the MARAC President may select one or more members of MARAC who are deserving of special recognition. The criteria for this award are solely within the discretion of the President, but recommendations may be obtained from any county hunter. The **President s Award** plaque is usually presented at the MARAC annual convention.

AWARD LEVELS: None

APPLICATION AND FEES: No application is required. There are no fees for this award.

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Ran All (State) (USA) Counties Award

Ran All (State) (USA) Counties Award

[Previous](#) [Top](#) [Next](#)

OBJECTIVE: To make contacts with amateur radio operators while transmitting from every county in

a State or all States (all USA Counties).

SPECIAL RULES: The applicant must make Valid Contacts while transmitting from every county in a State (or all USA Counties) while the applicant is in a Mobile Operation or Portable Operation. The counties required for each State award and the All USA Counties award are determined by the official list of USA Counties on the date of the application for an award. If the official counties list for State has changed after the applicant has already received a State award for that State, the revised list as of the date of application will be the list required for the All USA Counties award. However, if only the name of a county has changed and the boundaries of the county have not changed, credit for transmitting from that county survives and applies to the current name as well as the previous name.

AWARD LEVELS: A separate State award is available for each State. All counties in a State must be completed for the award for that State. Each award may be earned multiple times up to a maximum of ten (10) times, but only the first time is a numbered award. An applicant must complete transmitting from all counties in a State (or all USA Counties) before starting over for that State (or All USA Counties).

APPLICATION AND FEES: Standard application. There is no fee for award certificates for MARAC members. For non-members, there is no fee for the first award certificate for each State. The fee for each additional award certificate for a State is \$3 for non-members. The fee for the optional mobile plaque for each State is \$20. A trophy will be awarded for completing All USA Counties. There is no fee for the trophy.

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Roadmaster Award

Roadmaster Award

[Previous](#) [Top](#) [Next](#)

Roadmaster Award was deleted 2/5/2015

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Roadrunner Award

Roadrunner Award

[Previous](#) [Top](#) [Next](#)

OBJECTIVE: To recognize county hunters who transmit **Valid Contacts** from multiple **Last Counties**.

SPECIAL RULES: This award is presented by MARAC to county hunters in recognition of transmitting from multiple **Last Counties**.

AWARD LEVELS: A MARAC mobile plaque is presented for transmitting 25 **Last Counties**. Additional mobiles plaques are issued for transmitting 50 and 75 counties.

A special MARAC plaque is presented for transmitting 100 Last Counties, and engraved plates that can be attached to the plaque are issued for transmitting each additional 25 **Last Counties** from 125 through 375 **Last Counties**.

When the level of 400 **Last Counties** is reached, a second special plaque is presented, and appropriate engraved plates are issued for higher levels in increments of 25 **Last Counties** from 425 through 675 **Last Counties**.

When the level of 700 **Last Counties** is reached, a third special plaque is presented, and appropriate engraved plates are issued for higher levels in increments of 25 **Last Counties** from 725 through 975 **Last Counties**.

A special MARAC Trophy is presented to a county hunter who transmits from 1000 **Last Counties**. This award is presented at the MARAC National Convention.

APPLICATION AND FEES: No application or fee is required for this award. The MARAC Awards Manager issues the award when each level is achieved.

NOTE: This is revision of the Last County Award LC-3 and LC-4 (Category Three and Four)

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Single Band Award

Single Band Award

[Previous](#) [Top](#) [Next](#)

USA - Single Band Award

OBJECTIVE: To make contacts with amateur radio operators in **All USA Counties** using a single operating amateur band.

SPECIAL RULES: Any **Valid Contacts** on the same band submitted for other MARAC awards may also be used for this award. Any combination of modes may be used on each band.

In order to be eligible to apply for the **All USA Counties** level of this award, the applicant must have already received the USA-CA Award from *CQ Magazine*.

AWARD LEVELS: A separate award is issued for each band.

Basic Certificate for 1000 counties on each band

New Certificates for 2000 AMD 3,000 counties on each band

New Certificate for **All USA Counties** on each band

Optional Plaque for **All USA Counties** on each band

Each level is sequentially numbered with a unique series of numbers. When an upgrade level is achieved, the **Awards Manager** will issue a new certificate with appropriate seals and a history of the previous levels.

APPLICATION AND FEES: Standard application, logs, and fees.

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Star XX Award

Star XX Award

[Previous](#) [Top](#) [Next](#)

Star XX Award

OBJECTIVE: To make contacts in all **USA Counties** with USA-CA holders and MARAC multiple-time Worked All USA Counties Award holders totaling twenty (20 or XX) **Stars** in each county.

SPECIAL RULES: You must have completed the MARAC 5 Star Award before you start counting contacts for this Award.

Each contact with a **Star** counts toward the twenty **Stars** total needed for each county. If you have **Valid Contacts** with 20 different USA-CA holders in the same county, you have collected 20 **Stars** and have completed all the needed **Stars** for that county.

Contacts with amateur operators who have earned more than one **Star** count for the number of stars earned. If you have a **Valid Contact** with someone who holds the MARAC Worked All USA Counties Fifth Time Award, that contact is worth five **Stars**. If you have a **Valid Contact** with someone who holds the MARAC Worked All Counties Tenth Time Award, that contact is worth 10 stars.

You can only count a contact with each **Star** one time per county. In other words, if you work a two-**Star** holder twice in the same county, you have only accumulated two **Stars** for that county. However, if you have another **Valid Contact** with an operator who has earned one or more additional **Stars** after the date of your original contact, you can add the additional **Star(s)** to your Star XX log.

In no case, however, can you claim more **Star** credits for a call sign in your log than the total number of **Stars** actually held by the operator at the time of your last claimed contact in that county. Also, you cannot claim credit for **Stars** earned by an operator after the date of your last contact unless you make an additional **Valid Contact** with that call sign in the county for which the additional **Stars** are claimed.

AWARD LEVELS: Certificate and plaque for contacts with Twenty **Stars** in all **USA Counties**.

APPLICATION AND FEES: Standard application, logs, and fees.

NOTE: The Start Date for this award is the date of approval by the MARAC Board. [7-9-11]

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U.S. Presidents Award

U.S. Presidents Award

[Previous](#) [Top](#) [Next](#)

OBJECTIVE: Make contacts with amateur radio operators in **USA Counties** that are named after Presidents of the United States.

SPECIAL RULES: Any **Valid Contacts** submitted for other MARAC awards may also be used for this award. The list of required counties is available from the Awards Manager or on the MARAC web site.

AWARD LEVELS: This award requires making Valid Contacts with all of the counties on the US Presidents counties list.

APPLICATION AND FEES: Standard application, logs, and fees.

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USA - Call Sign Combo Award

USA - Call Sign Combo Award

[Previous](#) [Top](#) [Next](#)

OBJECTIVE: To make contacts with amateur radio operators in **All USA Counties** by call sign prefix and suffix combination.

SPECIAL RULES: Only U.S. amateur call signs may be used for this award.

Each separate combination of call sign prefix and suffix letters (1x2, 2x1, 1x3, 2x2, and 2x3) is a separate category.

AWARD LEVELS: A separate award is issued for each call sign combination category.

Basic Certificate for 1000 counties in each category

New Certificate for 2000, 3000 and **All USA Counties** in each category.

Optional Plaque for **All USA Counties** in each category

and for All USA Counties in all five call sign combination categories

Each level is sequentially numbered with a unique series of numbers. When an upgrade level is achieved, the **Awards Manager** will issue a new certificate with appropriate seals and a history of the previous levels.

APPLICATION AND FEES: Standard application, logs, and fees.

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USA - CW Award

USA - CW Award

[Previous](#) [Top](#) [Next](#)

OBJECTIVE: Make contacts with amateur radio operators in **All USA Counties** using CW **Mode**.

SPECIAL RULES: Any **Valid Contacts** using CW submitted for other MARAC awards may also be used for this award.

AWARD LEVELS: USA-CW is awarded for working **All USA Counties**
After completing USA-CW, each sequential award (USA--CW II, USA-CW III , etc.) can be worked by **Starting Over** and working **All USA Counties** for the sequential award.

APPLICATION AND FEES: Standard application, logs, and fees.

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USA - Digital Award

USA - Digital Award

[Previous](#) [Top](#) [Next](#)

OBJECTIVE: To make contacts with amateur radio operators in **All USA Counties** using any digital **Mode** except CW.

SPECIAL RULES: Any **Valid Contacts** using a digital mode other than CW submitted for other MARAC awards may also be used for this award.

AWARD LEVELS:

Basic Certificate for 1000 counties

New Certificate for 2000, 3000, and **All USA**

Counties

Optional Plaque for **All USA Counties**

Each level is sequentially numbered with a unique series of numbers. When an upgrade level is achieved, the **Awards Manager** will issue a new certificate with appropriate seals and a history of the previous levels.

APPLICATION AND FEES: Standard application, logs, and fees.

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USA - Five Mode Award

USA - Five Mode Award

[Previous](#) [Top](#) [Next](#)

OBJECTIVE: To make contacts with amateur radio stations in All USA Counties using five (5) different Modes for each county.

SPECIAL RULES: Each of the five contacts for each county must be made using a different Mode.

The contacts may be made using any Band and may be made on the same Band or on any mix of Bands. Any of the Modes used to complete a particular county may be different from any or all of the Modes used to complete other counties.

For each listed Mode, variations in speed or other parameters (such as CW-R or PSK 63) do not count as separate or different Modes. Modes with variations in speed or other parameters are referred to as "Mode sets." Each Mode set is considered a single different Mode for purposes of this award.

The following Modes and Mode sets may be used for this award:

AM AMTOR ATV CHIP CLOVER CONTESTIA
CW DSSTV DOMINO DV FAX FM FSK31 GTOR
HAM DRM HELL HFSK JT65 JT6M MFSK MT63
OLIVIA PACKET PACTOR PAX PSK Q15 ROS
RTTY SSB SSTV THOR THROB

Valid Contacts that are eligible for other MARAC awards may also be used for this award.

When at least one of the stations is a Mobile Operation, both stations may count the contact.

AWARD LEVELS: A separate award (certificate and mobile plaque) is available for each State.

All counties in a State must be completed for the award for that State.

Each State award may be earned multiple times up to a maximum of ten (10) times, but only the first time is a numbered award. An applicant must complete contacts with all counties in a State (using five different Modes) before starting over in that State.

A special MARAC Trophy will be awarded for completing contacts using five different Modes in all USA Counties. There is no fee for the special MARAC trophy.

APPLICATION AND FEES: Standard application, logs, and fees.

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USA - No Stars Award

USA - No Stars Award

[Previous](#) [Top](#) [Next](#)

OBJECTIVE: To make **Valid Contacts** with amateur radio operators who have not received the USACA Award and to encourage new county hunters to transmit counties while mobile.

SPECIAL RULES: **Stars** is defined in General Rules and Definitions for MARAC Awards.

Only **Valid Contacts** with operators in **Mobile or Portable Operation** who have no **Stars** may be used for this award. If an operator has one or more **Stars**, only contacts made with that operator before the date that the USA-CA Award was issued to that operator may be counted for this award.

All contacts must be made on or after January 1, 2010.

AWARD LEVELS: No intermediate levels. USA-No Stars is awarded for working **All USA Counties**.

After completing USA-No Stars, each sequential award (USA-No Stars II, USA-No Stars III, etc.) can be worked by **Starting Over** and working **All USA Counties** again for the sequential award.

APPLICATION AND FEES: Standard application, logs, and fees.

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USA Prefix Award (USA-PA)

USA Prefix Award (USA-PA)

[Previous](#) [Top](#) [Next](#)

OBJECTIVE: To making **Valid Contacts** with amateur radio operators who have as the first letter of their call sign one of four letters assigned to USA stations.

SPECIAL RULES: Each prefix has a separate award and there is an additional award for working all prefixes.

K Prefix Award – Make **Valid Contacts** with operators that have the letter "K" as the first letter of their call signs.

W Prefix Award – Make **Valid Contacts** with operators that have the letter "W" as the first letter of their call signs.

N Prefix Award – Make **Valid Contacts** with operators that have the letter "N" as the first letter of their call signs.

A Prefix Award – Make **Valid Contacts** with operators that have the letter "A" as the first letter of their call signs. The following "wild cards" may be substituted for "A" call sign contacts: (a) the call sign of a DX station and (b) the call sign of any station that contains the letter "X".

Note: A wildcard can be used only once in a county. For example: W3XE can be used either as an A or a W, but not both A and W in the same county.

All Prefix Award – Make **Valid Contacts** with all four prefixes in **All USA Counties**.

AWARD LEVELS:

A separate certificate and optional plaque for working each prefix in **All USA Counties**.

A MARAC Special Plaque will be awarded for completing all four prefixes in **All USA Counties**.

APPLICATION AND FEES: Standard application and logs. Standard fees for each of the individual prefix awards. There is no fee for the All Prefix Award certificate and special plaque.

USA - QRP Award

USA - QRP Award

[Previous](#) [Top](#) [Next](#)

OBJECTIVE: To make contacts with amateur radio operators in **All USA Counties** using QRP power of five (5) watts or less (output power) in any mode.

SPECIAL RULES: Any **Valid Contacts** using QRP submitted for other MARAC awards may also be used for this award.

AWARD LEVELS:

Basic Certificate for 1000 counties

New Certificate for Seals for 2000, 3000, and **All USA Counties**

Optional Plaque for **All USA Counties**

Each level is sequentially numbered with a unique series of numbers. When an upgrade level is achieved, the **Awards Manager** will issue a new certificate with appropriate seals and a history of the previous levels.

APPLICATION AND FEES: Standard application, logs, and fees.

USA - SSB Award

USA - SSB Award

[Previous](#) [Top](#) [Next](#)

OBJECTIVE: To make contacts with amateur radio operators in **All USA Counties** using SSB Mode.

SPECIAL RULES: Any **Valid Contacts** using SSB submitted for other MARAC awards may also be used for this award.

AWARD LEVELS: No intermediate levels. **USA-SSB** is awarded for working **All USA Counties**. After completing USA-SSB, each sequential award (USA-SSB II, USA-SSB III, etc.) can be worked by **Starting Over** and working **All USA Counties** for the sequential award.

START DATE: February 5, 2015 (Zulu)

APPLICATION AND FEES: Standard application, logs, and fees.

Worked all USA Counties Award

Worked all USA Counties Award

[Previous](#) [Top](#) [Next](#)

OBJECTIVE: To make **Valid Contacts** with **All USA Counties** for the second, third, fourth, fifth, or higher multiple times.

SPECIAL RULES: Operators may begin to count **Valid Contacts** for the MARAC Worked All USA Counties Second Time Award as soon as the USA-CA Award for working **All USA Counties** is issued by *CQ Magazine*.

Operators may begin to count **Valid Contacts** for the MARAC Worked All USA Counties Third Time Award (or higher level awards) as soon as the previous award is issued by MARAC.

AWARD LEVELS: Certificate and optional plaque from MARAC for completing **All USA Counties** for the second time and higher.

When the first time award is issued by *CQ Magazine*, the MARAC **Awards Manager** sends a complimentary MARAC certificate and congratulatory letter to the recipient.

APPLICATION AND FEES: Standard application, logs, and fees.

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YL Mobile Award

YL Mobile Award

[Previous](#) [Top](#) [Next](#)

OBJECTIVE: To make **Valid Contacts** with mobile female amateur radio operators.

SPECIAL RULES: The contact must be made while the female operator is in a **Mobile Operation**.

AWARD LEVELS:

Basic Certificate for 100 counties

New Certificate for Seals for 200, 500, and 1000 counties.

Mobile Plaque for 2000 and 3000 counties

Special Plaque for **All USA Counties**

APPLICATION AND FEES: Standard application, logs, and fees.

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YL - OM Team Award

YL - OM Team Award

[Previous](#) [Top](#) [Next](#)

OBJECTIVE: To make **Valid Contacts** with the members of a mobile **YL-OM Team**.

SPECIAL RULES: A **Valid Contact** must be made with each member of the YL-OM Team in each county.

Each contact must be made while the **YL-OM Team** is operating together in the same vehicle in a **Mobile Operation**.

YL-OM Team is defined in *General Rules and Definitions for MARAC Awards*.

AWARD LEVELS:

Basic Certificate for 100 counties

New Certificate for Seals for 200, 500, and 1000 counties.

Mobile Plaque for 2000 and 3000 counties

Special Plaque for **All USA Counties**

APPLICATION AND FEES: Standard application, logs, and fees.

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File Location and Structure

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Typical file location

Typical file location

[Previous](#) [Top](#) [Next](#)

During the installation the required files for Logger are placed in 3 locations.

1. **C:\Logger Data**
2. **C:\Program Files\MARAC Logger**
C:\Program Files (x86)\MARAC Logger (Windows 7)
3. Logger also stores other files within the Windows system

The first location “**C:\Logger Data**” must contain at least data 3 files:

County Hunter – (Your Call).mdb
County Hunters – Common.mdb
CountyHuntersMaster.mdb

And **County Hunter – (Teammates Call).mdb** if Logger is used by a team.

Additionally, your “back-up” files will be in this folder:

County Hunter – (Your Call) – Backup – 0001.mdb
County Hunters – Common – Backup – 0001.mdb

Plus any “.txt” files you have created with “**Write to File**”
(Your Call) – Book – Mobile to Mobile.txt

Caution: These files must be kept together for Logger to work properly. If you are moving files between computers read this section:

Logger on Second Computer

(You can use “**F10**” on the opening screen of Logger if you need to change the location.)

The second location “**C:\Program Files\ MARAC Logger**” or “**C:\Program Files (x86)\ MARAC Logger**” on a 64 bit computer, must contain at least these files:

MARAC Logger.exe (The program)

MARACLOGGER.CHM (The Help file program)

and the “**Step**” files associated with Kwiklog Import

Other files will appear as you use the program.

The third location you are not concerned with.

It contains all the system “registry files” that Logger requires.

Note: These other files are the reason you cannot just “copy” the 2 Logger folders to a second computer. These files are loaded only with the initial installation.

Logger must be **Installed** on every computer.

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File Contents

File Contents

[Previous](#) [Top](#) [Next](#)

County Hunter – (Your Call).mdb

This file contains your QSO log and all the Books.

County Hunter – Common.mdb

This file contains all the “information” Logger needs.

For example: County lines, Stars, YLs, SKs, Big Rigs, New Calls, etc.

The file is divided into 2 parts:

Information from the official MARAC database,

Information you have added, like a New Call, new Team, etc.

CountyHuntersMaster.mdb

This file contains information from the official MARAC database.

It is updated anytime something changes.

The change could be anything from a new “Star” to a new County line.

Look at **Tools - Download Updates**

If **Master** is **Red** then you need to download and update.



NOTE: Before downloading and updating you must **Backup & Compact Database** first.

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First Time Installation

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Installing Logger on a VISTA OS Computer

Using VISTA OS

[Previous](#) [Top](#) [Next](#)

Before installing Logger you must turn off your “User Account Control” to allow the installation. This will bypass some of the “Safety” features of Vista.

Click on **Start**, select **Control Panel**, click on **User Accounts and Family**, then on **User Accounts**.

Remove the check from:

Use User Account Control (UAC) to help protect your computer”

Install Logger from CD or download from the Logger download site. Make note of the window that suggests you download a patch from Microsoft to make the Help files available for viewing.

Install in the folder **Program Files (x86)** if your computer is 64 bit.

Go to “User Account Control” again and replace the check.

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Installing Logger over the Internet

Installing Logger over the Internet

[Previous](#) [Top](#) [Next](#)

Warning: Close all active applications and de-activate Anti-Virus/Anti-Spyware programs and the User Account Control before installing Logger (Don t neglect to re-start them after installation is completed).

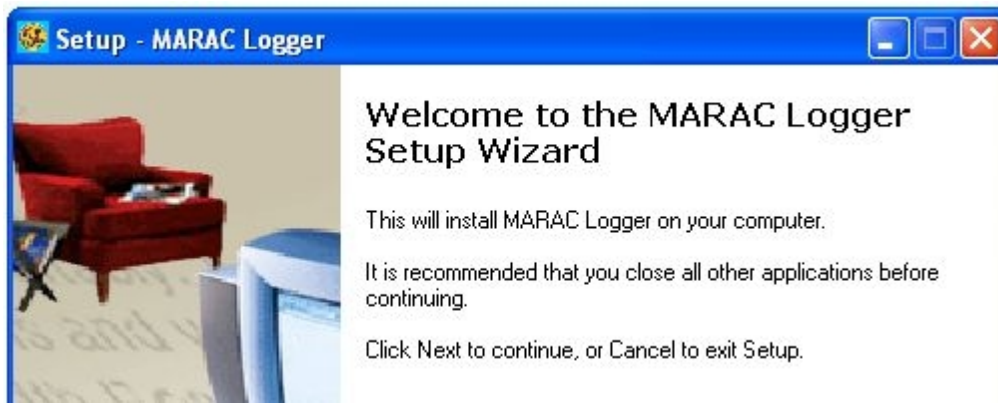
Caution:

This section is for **New Users** only, or to install Logger on a second computer. To **Reinstall Logger** see [Reinstall Logger](#)

Teams must have their team registered in the MARAC database before installation.

1. Read the Install Logger found on the MARAC website at <http://marac.org/logger.htm>

(On some computers you may get several security warnings – Click Run or Next)



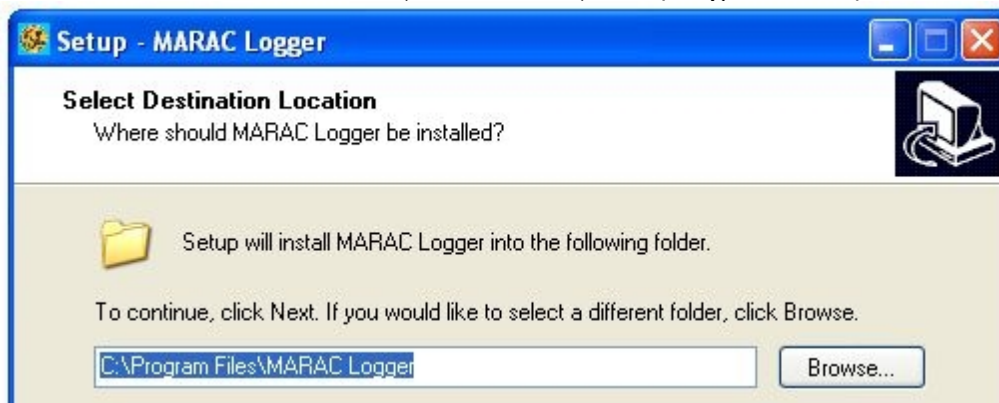
Click **Next**

Accept the **License Agreement** – Click **Next**

Type the **Password** you received by email – Click **Next**

Read the **Information** before continuing – Click **Next**

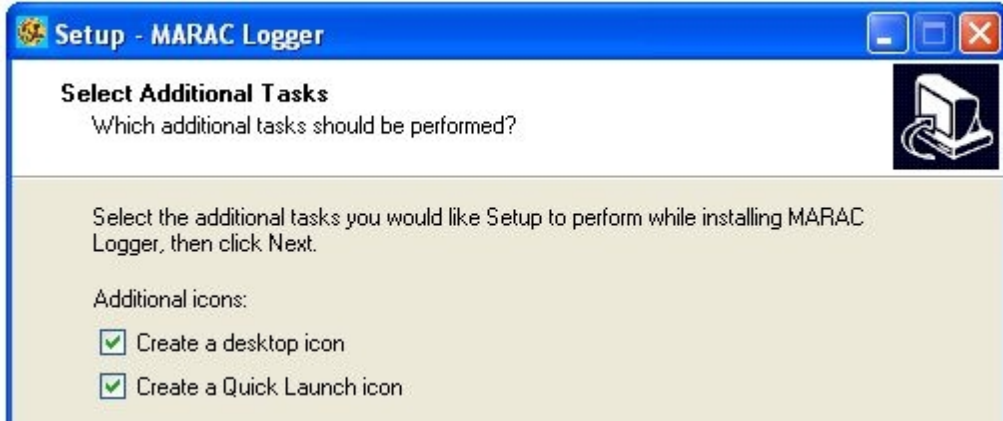
Select the **Install Location** – Default (recommended) is **C:\Program Files\MARAC Logger**



Click **Next**

(On some computers you may get a dialog that says: “A file being copied is not newer than the file currently on your system. It is recommended that you keep the existing file” Click **Yes**)

The next screen allows you to select your shortcut preferences.



Click **Next**

Ready to Install – Click **Install**

There will be three database files copied to the **Logger Data** folder:

County Hunter – LOGGER.mdb

County Hunters - Common.mdb

CountyHuntersMaster.mdb

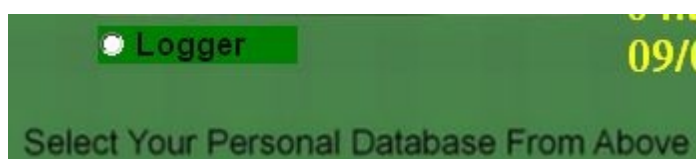
Setup has completed the installation. Check the “**Launch MARAC Logger**”



Click **Finish**

2. Logger will now launch to allow updating and customizing your files.

On the opening screen – Click on “**LOGGER**”

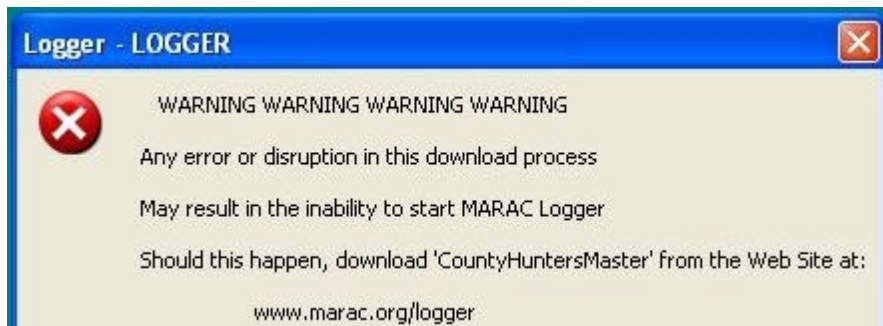


Four steps to go and Logger will be completely installed.



Click **OK**

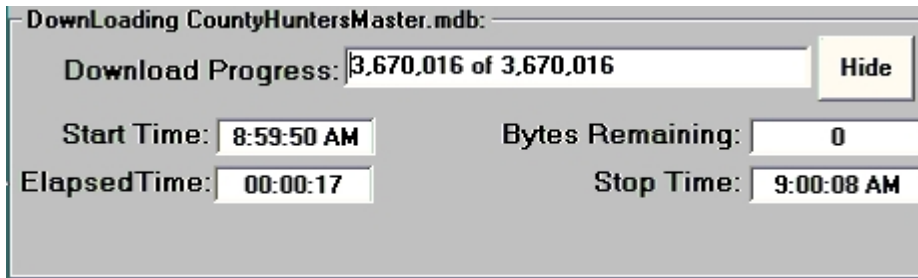
Step 1. – Download the database “CountyHuntersMaster” from the server.



Click **OK**

If the download fails, start Logger over and try again. If it fails the second time follow the directions in the [Trouble Shooting](#) section of this manual. Do the steps in [Download - Problems](#). Then start Logger over and do the download again

When the download is finished, Click on Hide



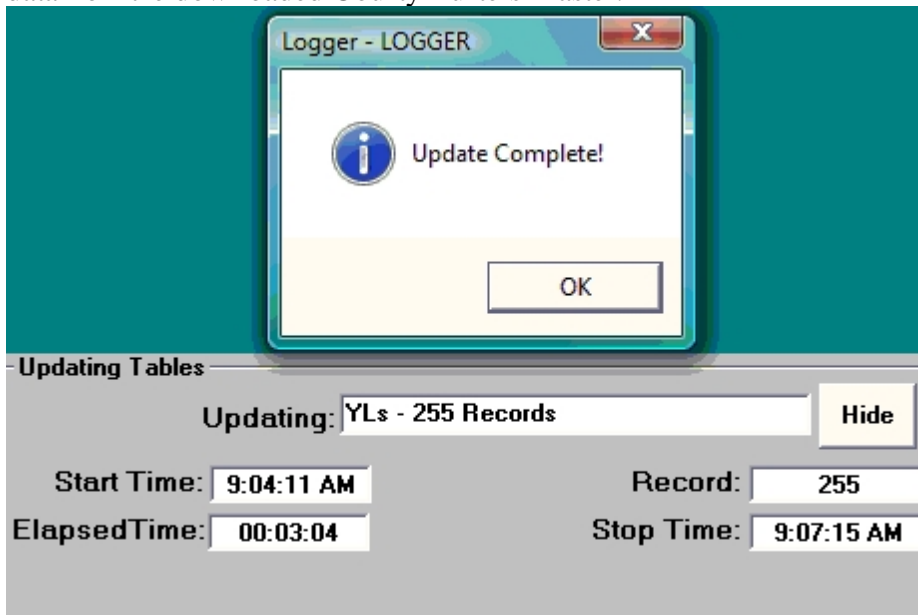
Two messages show that Logger is reloading Tracked Book data - Click **OK**

Step 2. Update your County Hunter Common



Click **OK**

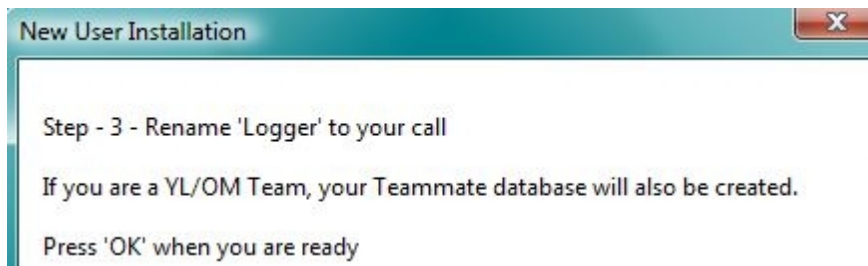
Next, Logger will update the County Hunters – Common database with data from the downloaded County Hunters Master.



When finished, click **OK** and **Hide**

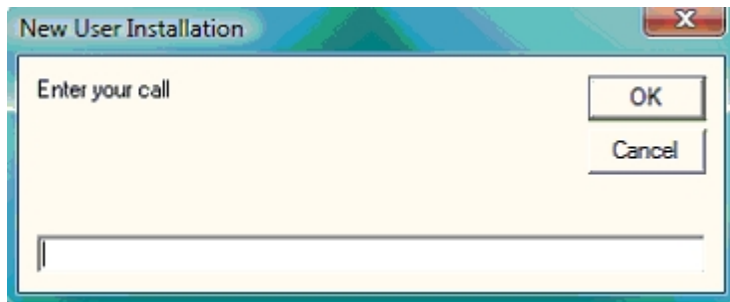
Two messages show that Logger is reloading Tracked Book data, Click **OK**.

Step 3: Rename **LOGGER** to your **Call**



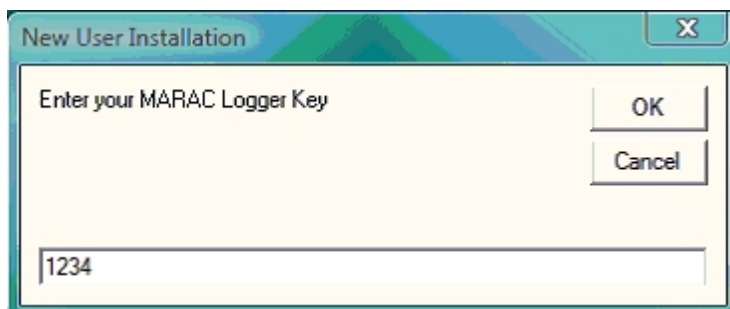
Click **OK**

Type your **Call** in the next window



Click **OK**

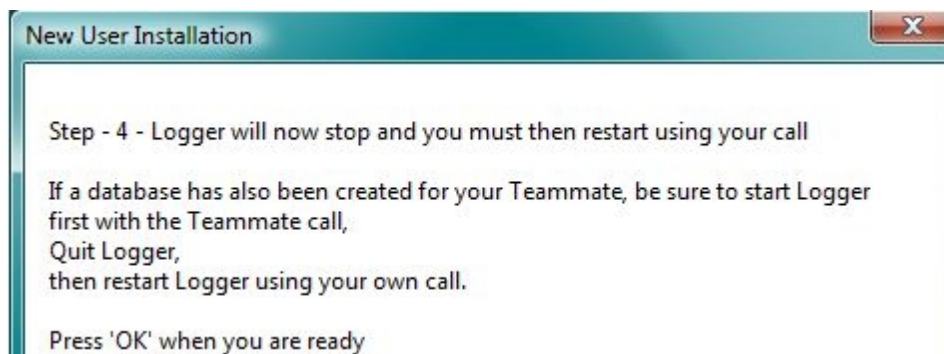
Type your **Logger Key** (emailed to you after purchase.)



Click **OK**

Step 4: Quit Logger – Restart with your Call

Note: Team members, when you restart Logger open your team member s database first, then quit Logger again. Restart **Logger** using your own call.



Click **OK**

The **Logger Installation** is completed with a **Stop** statement

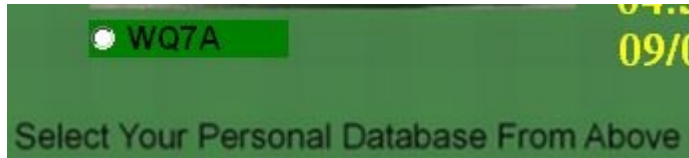


Click OK,

Logger will do some background work then shut down. Be patient.

Restart Logger using the shortcut on the desktop or from your Menu.

Click on your **Call** and enjoy **Logger**.



Team installation will show both Calls. Click on the one you want to use.



Addition information for teams, see [Hints for Team Operation](#)

The conversion of **Kwiklog** files is next if you want to transfer your contacts into **Logger**. This should be done before logging any contacts in **Logger**.

Terry – **WQ7A** has volunteered to do a preliminary investigation of your **Kwiklog** data. It is strongly advised that you take advantage of his service. Zip your **State** and all **QSO** files from your **Kwiklog** folder and email them to him as an attachment. He will send you back a list of errors that are best corrected in **Kwiklog**. You may go through several cycles of this exchange.

After this, you can do the conversion from within **Logger**. See [Import](#)

Warning: Close all active applications and de-activate Anti-Virus/Anti-Spyware programs before installing Logger (Don t neglect to re-start them after installation is completed).

Installing Logger from CD

Installing Logger from CD

[Previous](#) [Top](#) [Next](#)

Warning: Close all active applications and de-activate Anti-Virus/Anti-Spyware programs and the User Account Control before installing Logger (Don t neglect to re-start them after installation is completed).

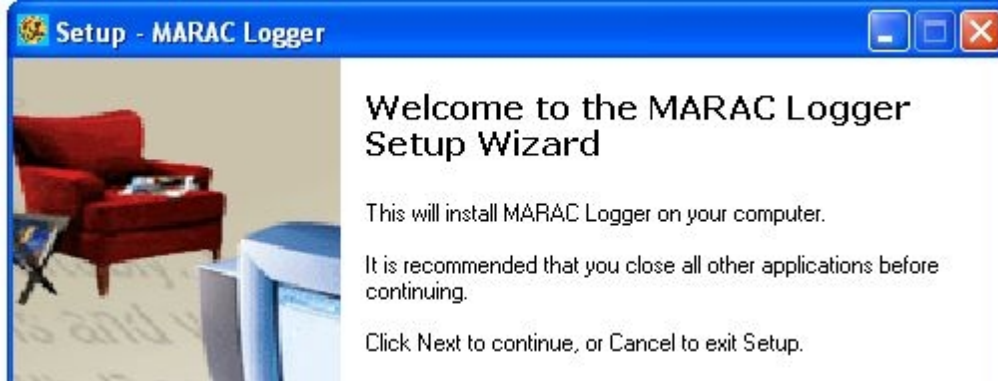
Caution:

This section is for **New Users** only. To **Reinstall Logger** see [Reinstall Logger](#)

Teams should already have their team registered in the MARAC database.

1. Place the Logger CD in your drive. The automatic install should start in a few moments.
(If the installation CD does not start, use Windows Explorer (My Computer) to locate the CD; Right click on the CD icon, select **Open**. Double-click "**Setup.exe**")

The first screen you see is the Setup Welcome.

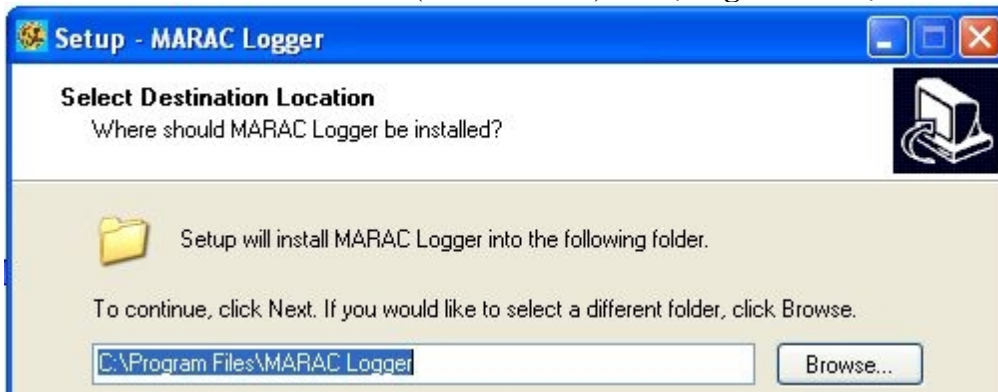


Click **Next**

Accept the **License Agreement** – Click **Next**

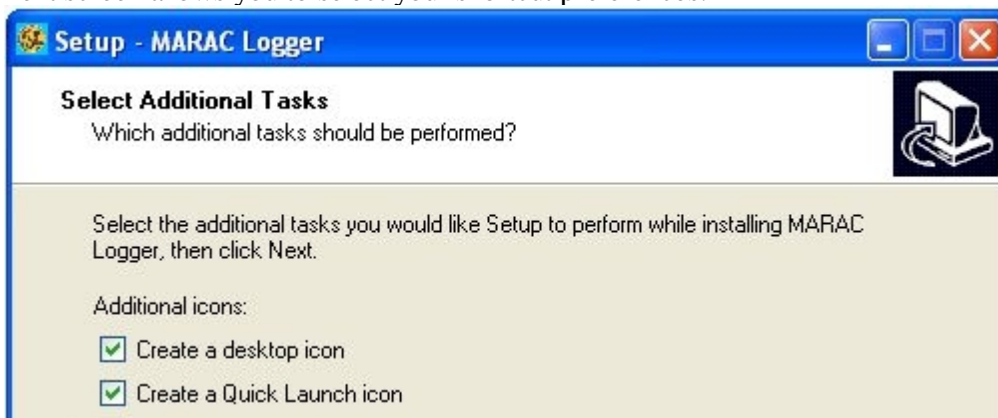
Read the **Information** before continuing – Click **Next**

Select the **Install Location** – Default (recommended) is **C:\Program Files\MARAC Logger**



Click **Next**

The next screen allows you to select your shortcut preferences.



Click **Next**

Ready to Install – Click **Install**

2. There will be three database files copied to the **Logger Data** folder:

County Hunter – (Your Call).mdb

County Hunters - Common.mdb

CountyHuntersMaster.mdb

If you are a team, there will be another **County Hunter – (Teammates Call).mdb** file.

Click **“Next”** to continue.

Setup has completed the installation. Check the **“Launch MARAC Logger”**



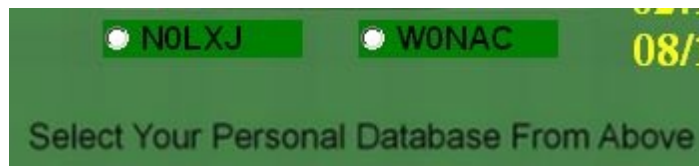
Click **Finish**

1. Logger will now launch to allow updating and customizing your files.

On the opening screen – Click on **“County Hunter – (Your Call).mdb”**

(A Team should see both **Calls**)

Note: Teams should click on the team members Call, wait until Logger loads, then Quit; Start Logger again, click the other Call, wait until Logger loads, then Quit; start Logger a third time. Now you can click on either Call to access separate databases.



2. Now you need to update the installed files, which might be old.

Quit **Logger** so you can update to the latest version.

Go to the Official MARAC web page <http://marac.org/loggerupdate/>

Sign in with your Call and Key. To get your Key, just click the "I forgot my key ..." and it will be emailed to you.

In the column MARAC Logger, Click on **Download Zip Version X.XX.XXXX**. This is a “Self Extracting” Zip file that will update the Logger program and possibly other files.

If you need help, click on this link - [Update Logger Version](#)

Start **Logger**. Your **Call** (Calls if a Team) should show on the opening screen.

Click on your Call to load the program and your databases.

Now you have to update your “**Common**” from the latest “**County Hunters Master**”

On the **Main Menu** – click **Tools** – click **Backup & Compact Database**, click **Download Updates**, select “**Download CountyHuntersMaster Version:**”, then click **OK** to update from the Master.

You should do this often to keep up with changes in the official MARAC database.

You are now ready to run Logger.

The conversion of **Kwiklog** files is next if you want to transfer your contacts into **Logger**. This should be done before logging any contacts in **Logger**. See [Appendix A](#)

Terry – WQ7A has volunteered to do a preliminary investigation of your **Kwiklog** data. It is strongly advised that you take advantage of his service. Zip your **State** and all **QSO** files from your **Kwiklog** folder and email them to him as an attachment. He will send you back a list of errors that are best corrected in **Kwiklog**. You may go through several cycles of this exchange.

After this, you can do the conversion from within **Logger**. See [Import Kwiklog](#) in Appendix A

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Logger on Second Computer

Logger on Second Computer

[Previous](#) [Top](#) [Next](#)

See [Appendix D - Troubleshooting - Using Logger on more than On Computer](#)

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Running Logger First Time

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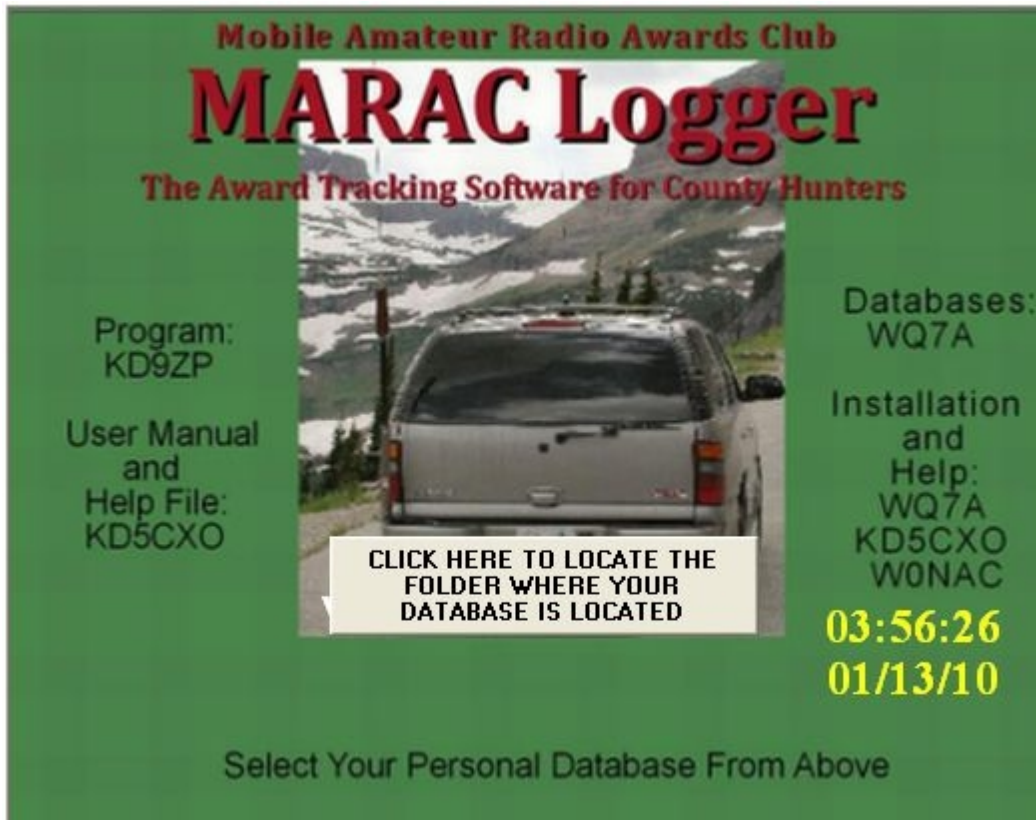
Running Logger First Time

Running Logger First Time

[Previous](#) [Top](#) [Next](#)

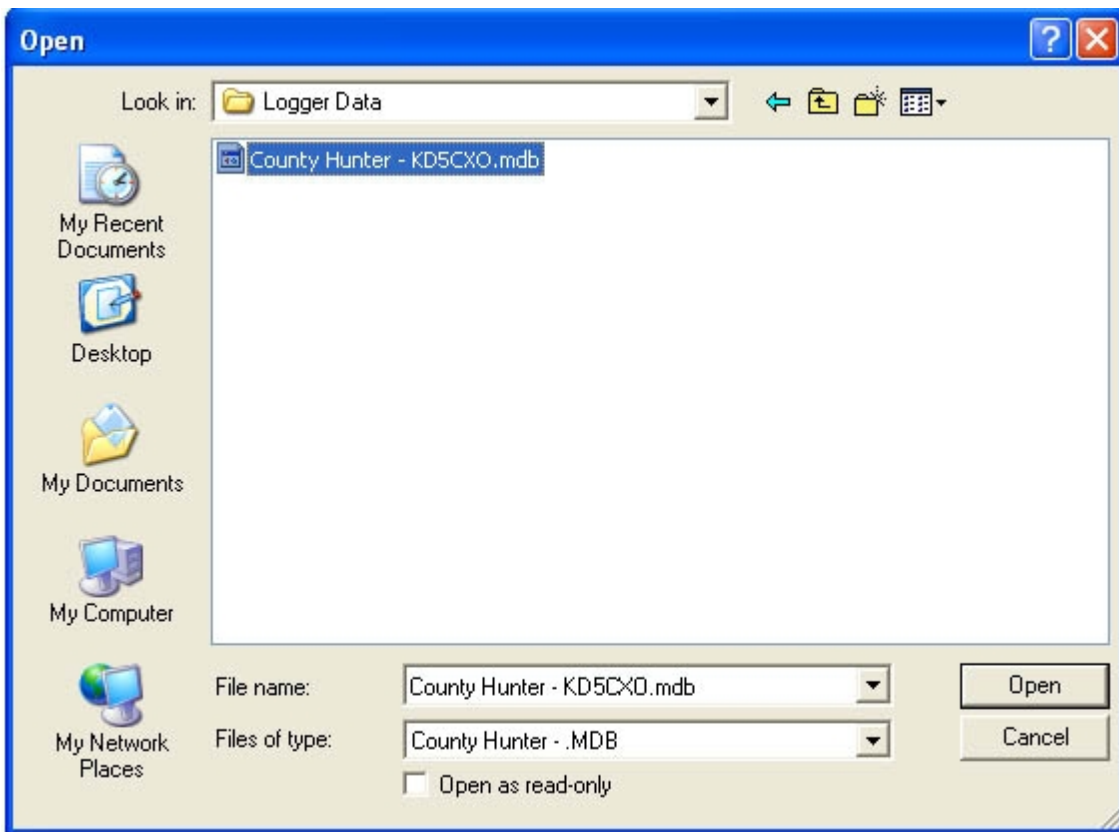
Note: If the alignment of the items in the display do not line up properly, see if you display is set to 96 DPI (Similar to Map Program - Display misalignment)

1. When you run Logger the opening screen asks for the location of the folder where your data is kept. This is necessary because some teams share the same program.



Opening Screen

2. Click on “**Click here to locate the folder where your database is located**” (Generally it will be the **C:/Logger Data** folder) and the standard Windows navigation window will appear. Locate and select your “**County Hunter – (Your Call).mdb**” and click “**Open**”



Locate your Database



Databases located for a team

3. Click on your database and the Logger program will run using your data.

Important Note: If you are a team, you **MUST** close the program now and **Restart**. This time select your teammate's database location. This procedure synchronizes both databases and only needs to be done once during installation.

4. Now you are ready to complete the update. Start the program again, select your database, on the **Main Menu** screen click on **Tools**, and do the following:

Backup & Compact Database, this makes a backup of your data. You don't have any data, but this is necessary for the next step

Download Updates - You must be connected to the Internet

5. Now you will see all the updates that need to be done.



Click **OK** to start the **Download CountyHunterMaster Version:**(Whatever is latest). Then click **OK** to Update from Master



Update from Master

Click **Hide** when the update is completed.

It is strongly suggested that you go ahead and update everything flashing red in the **Download Updates** window.

You are now ready to begin using Logger. If you are converting files from Kwiklog see [Import Kwiklog after Install](#)

Program Conventions

Program Conventions

Program Conventions

[Previous](#) [Top](#) [Next](#)

MARAC Logger has many fields in which you must enter data and there are some restrictions on the formats you should use when entering data into these fields. This section explains the formats to use for various data entry fields.

Note: Logger is designed to use the TAB key instead of the mouse in most cases.

Date

All dates used by MARAC Logger are in the format “mm/dd/yyyy.”

There are several ways you can enter a date:

- 01/29/2005
- 1/29
- 1/29/05

All of the above methods result in a date of 01/29/2005.

Note that you must enter the slashes. You cannot enter an invalid date like 6/31/06, or a date that is in the future like 1/1/2030.

Note: Logger users outside the US may change the date format to “dd/mm/yyyy”.

Go to **Start**, click on **Regional and Language Options, Regional Options Tab**.

Select your regional preference – **Short Date** should read **28/2/2009**.

The new format will apply to all screens and logs.

Time

All times are in GMT and there are several ways you can enter a time:

- 1:
- 01:
- 0100

All of the above methods result in a time of 01:00.

You cannot enter an invalid time like 25:10 or 4:72

RST

Valid RST values are as follows:

- Readability 1 – 5
- Strength 1-9
- Tone 1-9

Thus an RST of 347 is valid for a CW contact, but 307 is not.

Drop-Down List Box

A drop-down list box (also called a combo box) can be used two ways:

1. Type the information in the field.
2. Click the arrow and select the correct information from the list.

The State field in the QSO Entry frame is an example of a combo box. As you type the first letter, the second letter is suggested by the computer. You can accept the entry or continue typing.

The screenshot shows a window titled "QSO Entry" with two main sections: "State" and "County & County Line". The "State" field is a dropdown menu with "WA" selected. The "County & County Line" field is an empty dropdown menu. Below these fields is another empty dropdown menu.

Combo Box

If you are a “Mouse” person, you can click on the down arrow and select the State from the list and Tab to the next field.

The screenshot shows the "QSO Entry" window with the "State" dropdown menu open. The menu lists state abbreviations: AK, AL, AR, AZ, CA, CO, CT, and DE. The "County & County Line" field is empty. Below it is another empty dropdown menu.

Drop-Down List

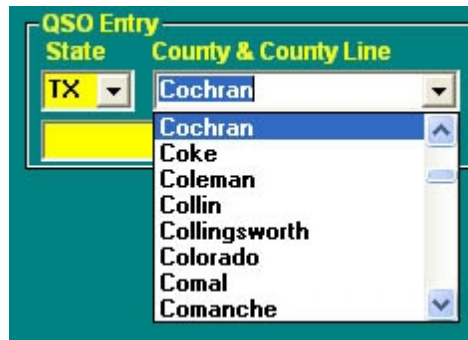
The County & County Line boxes are good examples of how the combo box works with longer words like county names. As you type each letter of the County, the computer will “auto-complete” the field. As soon as you see the correct County, Tab to the next field. If you type a letter that cannot be used as the next letter, you will get an error message.

The screenshot shows the "QSO Entry" window with the "State" dropdown menu set to "TX" and the "County & County Line" dropdown menu containing the text "Cochran". Below these fields is another empty dropdown menu.

County beginning with “Co”

If you feel you can't spell the County name, then type the first one or two characters and

use the drop down list. Click on the correct County.



Drop down list

Background Color:

The background color of the boxes has meaning:

White: The current “active” box to fill in.



Yellow: Boxes that can be filled in –



Light Blue: Boxes that cannot be changed except through some other action.



In the **Needs** grid:

Dark Blue: Indicates a **NEED** that can be filled by the current contact.



Yellow: A reminder that there is a **Last County** somewhere in the State.

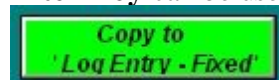


Red: Work this contact for a **Last County** in the State.



Screen Buttons:

Green: The **Enter Key** can be used instead of a “click”



Sorting Columns:

When you see the note:



Click in any Header box to sort the table by that Header. Note: Each time you click on a header will change the sort order from ascending to descending and vice-versa.

County	County	Time	Time
Autauga	Winston	13:44	22:29
Baldwin	Wilcox	14:20	21:21
Barbour	Washington	14:24	20:32
Bibb	Walker	14:36	20:27
Blount	Tuscaloosa	14:49	20:27
Bullock	Tallapoosa	14:50	20:23
Butler	Talladega	14:56	20:18

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Top Bar Options

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Top Bar Options

Top Bar Options

[Previous](#) [Top](#) [Next](#)

Logger Header shows the **Call** of the database being used.
Useful for teams to remind which database is being used.



File – Import

ADIF - see How To: [Import ADIF](#)

Kwiklog - see How To: [Import Kwiklog](#)



File – Export

ADIF - see How To: [Export ADIF](#)

Microsoft Access - see How To: [Export MS Access](#)



File – Exit closes the Logger program

View – Status Bar

A bar has been added to the bottom of the screen.

Shows the latest “Spots” information, & current Date and GMT

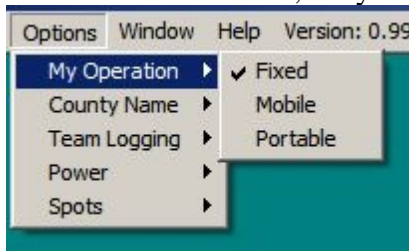


View - Screens

You can quickly jump to any screen using “**View – Screen**”
 Expand with “+”, then click on a screen name to jump to that screen.

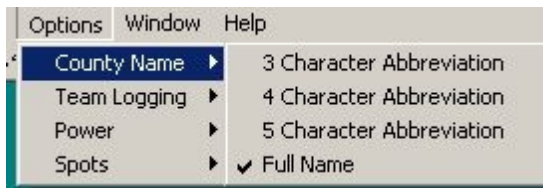


Options - My Operation - The default can be changed on the **Log/Entry - Fixed** screen.
 "Fixed" is the normal default, but you can change it.



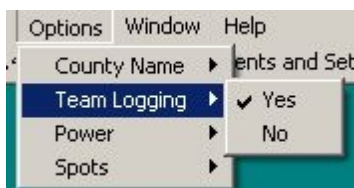
Options – County Name

CW Operators, have the option of using various abbreviations for the County name.
 On the **Top Bar** of any screen, click **Options – County Name** select the desired system:



Options - Team Logging

You now have the option of logging as a team or individual.



If you select “**Yes**” you still have the option of logging for the other team member or not. If you select “**No**” the team box will not show on the logging screens.



Options - Power

You now have the option of logging a QRP contact, if you use 5 Watts or less.



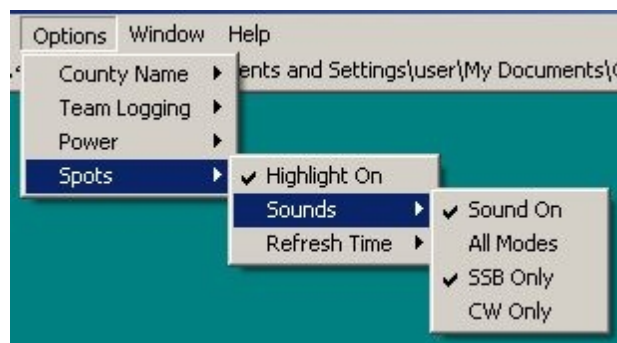
Options - Spots

The program has two **Sound Alerts** that have different meanings.

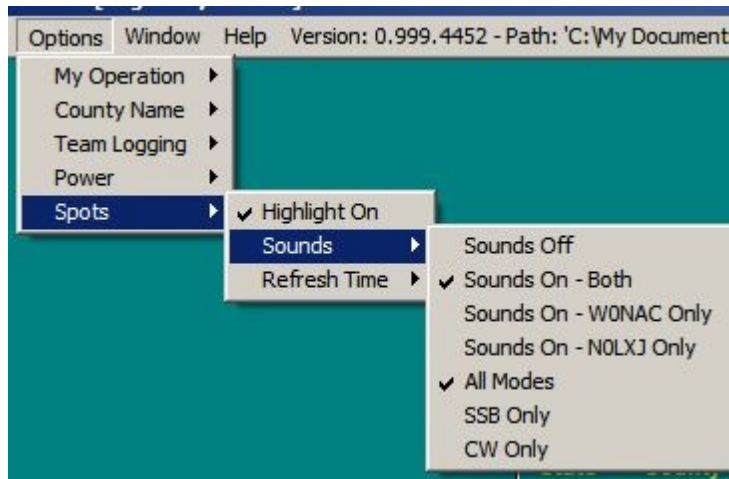
1. On the **Spots** screen, Alert 1 from the file "**Logger - Spots.wav**" means you have a **Need** just posted.
On other screens, with **Spots** running in the background, the sound alert means a new spot has been posted. You should go to the **Spots** screen to see if it is a **Need**.
2. On the **Spots** screen, Alert 2 from the file "**Cannot Parse.wav**" means there is an error in the posting and Logger cannot parse the contact information. Click on the row with the "Cannot Parse 'X'" to transfer the contact to the **Edit Spot** screen and correct. Then you can tell if it fills a **Need**.

The alerts can be customized to fit your desires.

On the **Top Bar – Options – Spots** you have the option of:
Highlight On – On or Off
Sounds – On or Off
 And to filter the alert by **MODE**



Sounds for Teams. Teams have the option of customizing their sounds.



The sounds comes from the “.wav” files located in your C:\Logger Data folder.

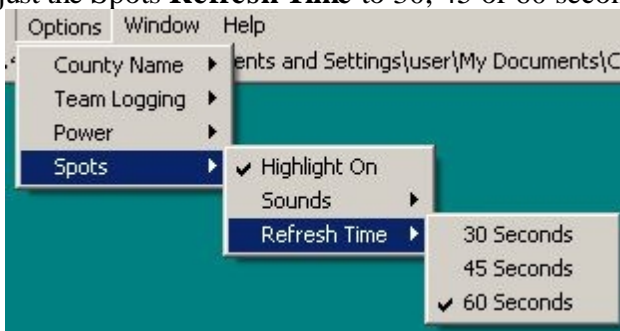
Logger – Spots.wav is used for "this contact fills a **Need.**"
Cannot Parse.wav is used for flagging an error in the posting.

You can substitute any “.wav” file you desire.
 (Do a search on your computer or Google for “.wav” files)

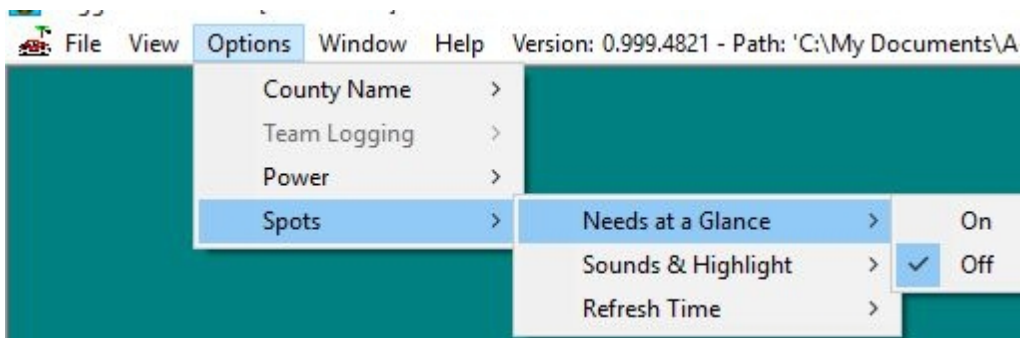
Place your selected file(s) in the Logger Data folder and edit the names to match the required names.

If no “wav” file is found, the sound will be 4 “beeps”.
 To test the “wav” file – turn **Sound On** off then **ON** again.

You can adjust the Spots **Refresh Time** to 30, 45 or 60 seconds.

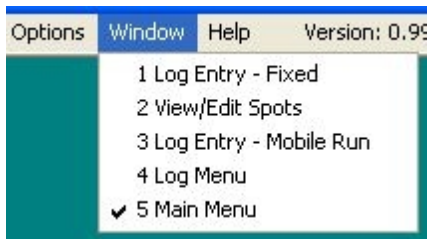


Needs at a Glance (new feature) - You have the option of displaying the W6RK County Challenge Top Award List on the Spots screen as a table. Select NO if you do not want to see this table. Restart Logger for option to hold.



Window – list of screens open in the background

These are screens that you have visited in the current session; click to jump to that screen.

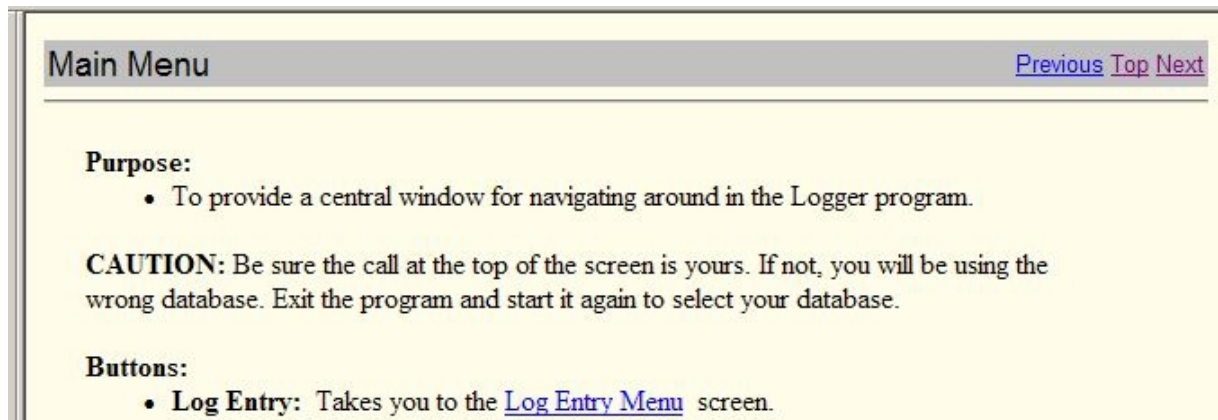


Help – various ways to look at the Help files



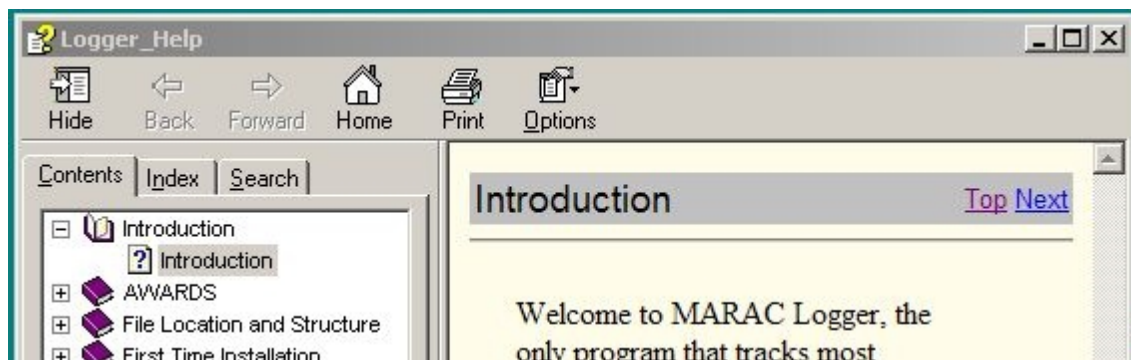
Help – This screen

Opens the Help file with information about the screen you are on.



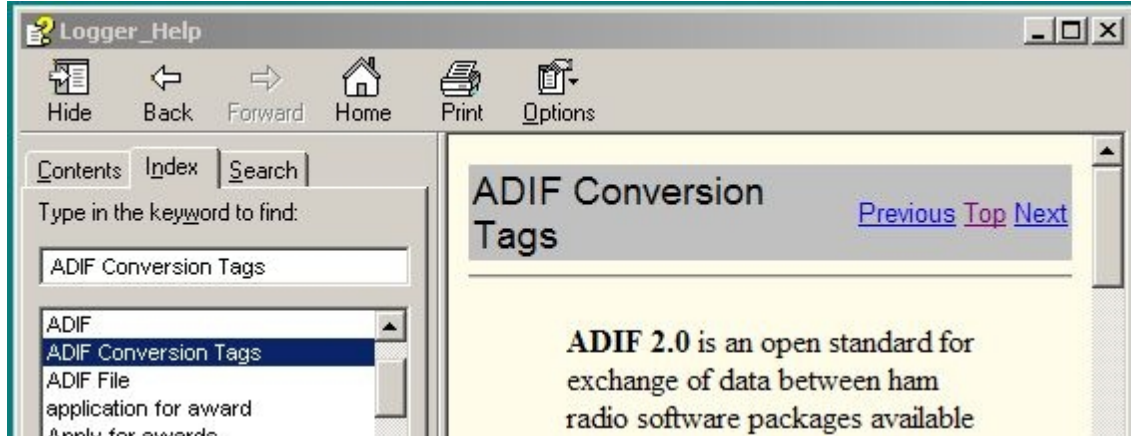
Help – Contents

Opens the table of contents for the entire Help file – the same as the Users Manual



Help – Index

Opens the indexed Keywords list of Topics – Type Topic or scroll down to search for a Topic
 – Click **Display**



Help – About

Important information about the Version and latest update you are using.
 Use the System Info button to review your computer system



Version Number of Logger

Always shown on the Top Bar



MENUS

Main Menu

Main Menu

[Previous](#) [Top](#) [Next](#)**Purpose:**

- To provide a central window for navigating around in the Logger program.

CAUTION: Be sure the call at the top of the screen is yours. If not, you will be using the wrong database. Exit the program and start it again to select your database.

Buttons:

- **Log Entry:** Takes you to the [Log Entry Menu](#) screen.
Where you can log your contacts under various methods.
- **Map:** Takes you to the [Map Menu](#) screen.
Select a State and see a map of the counties.
- **Print:** Takes you to the [Print Menu](#) screen.
You can save files and create printouts of various things.
- **View/Edit:** Takes you to the [View/Edit Menu](#) screen.
Allows you to see and modify many features of Logger.
- **Tools:** Takes you to the [Tools Screens](#).
Contains many essential housekeeping functions.
- **Quit MARAC Logger:** Exits the Logger program.

Log Entry Menu

Log Entry Menu

[Previous](#) [Top](#) [Next](#)**Purpose:**

- To select the type of Log entry required

Buttons:

- **Fixed:** Takes you to the [Log Entry Fixed](#) screen.
For logging your contacts when you are not mobile.
- **MARAC Contest:** Takes you to the [MARAC Contest](#) screen.
For logging contacts during a contest.
- **Mobile Run:** Takes you to the [Log Entry Mobile](#) screen.
For logging your contacts while mobile.
- **Net Control:** Takes you to the [Net Control](#) screen.
Keeps tract of your Net Control hours.
- **Main Menu:** Takes you to the [Main Menu](#) screen.

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Map Menu

Map Menu

[Previous](#) [Top](#) [Next](#)**Purpose:**

- Takes you to the **Map Program**
To provide a window for selecting a State.
State button will bring up a state map with counties.

Buttons:

- **States:** A button for every State.
Click State for map with Counties.
- **Log Entry – Mobile:** Returns you to the [Log Entry Mobile](#) screen.
- **Log Entry – Fixed:** Returns you to the [Log Entry Fixed](#) screen.
- **Main Menu:** Returns you to the [Main Menu](#)

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View/Edit Menu

View/Edit Menu

[Previous](#) [Top](#) [Next](#)

Purpose:

- To provide the means to view and edit various options.

Buttons:

- **Book:** Takes you to the [View/Edit: Book](#) screen.
Allows you to see, substitute or delete entries in a Book.
- **Book Summary:** Takes you to the [View/Edit: Book Summary](#) screen.
Shows the status of the Books your are tracking.
- **County Hunters:** Takes you to the [View/Edit County Hunters](#) screen.
Look up information about County Hunters by Call(s), All Calls, State, Home County or City. Also, Add or Edit New Calls
- **County Hunter: Misc:** Takes you to the View/Edit [County Hunters Misc](#).screen.
Allows you to see a list of Award numbers, Big Rigs, YLs, Silent Keys and Teams.
- **Import Problems:** Takes you to the [View/Edit: Import Problems](#) screen.
Here you work with the problems found while converting Kwiklog files to Logger.
- **Latest Numbers:** Takes you to the [View/Edit Latest Numbers](#) screen.
Shows a list of the latest Awards and numbers from MARAC.
- **Log:** Takes you to the [View/Edit/Print: Log](#) screen.
Look at your QSO logs various ways and edit your QSOs.
- **MARAC:** Takes you to the [View/Edit MARAC](#) screen.
View the information about the MARAC Officers.
- **MRC:** Takes you to the [View/Edit/Print MRC](#) screen.
Where you create and track your MRCs
- **Settings:** Takes you to the [View/Edit Settings](#) screen.
Where you set the defaults for your preferences.
- **Spots:** Takes you to the [View/Edit Spots](#) screen.
Uses the Internet to track mobiles that are currently running counties.
- **Main Menu:** Returns you to the [Main Menu](#) screen.

Print Menu

Purpose:

- To provide the means to print various options.

Buttons:

- **Book:** Takes you to the [Print Book](#) screen.
Allows you to view, print, save, and email your log Books.
- **Contest:** Takes you to the [Print Contest](#) screen.
Allows you to view, print, save, and email your Contest log Books.
(Not implemented)
- **Envelope:** Takes you to the [Print Envelope](#) screen.
Prints an envelope for any Call in your database.
(Not implemented)
- **MRC:** Takes you to the [Print MRC](#) screen.
Allows you to view, print, post, and track your MRCs.
- **Needs:** Takes you to the [Print Needs](#) screen.
Allows you to view, save, and print needs for up to 10 Books.
- **Main Menu:** Returns you to the [Main Menu](#)

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Screens

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Log Entry - Fixed

Log Entry - Fixed

[Previous](#) [Top](#) [Next](#)**Purpose:**

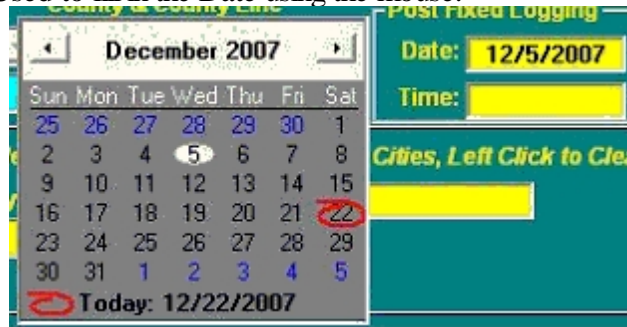
- To post single contacts while operating from a fixed, mobile, portable or unknown location.
- To post a single contact from a Mobile Run.

Note: Use the **Tab** key to move to the next field.

For reference the **Last 5 entries in your Log** will show in a grid below the QSO entry frame.

Frames, Fields and Buttons:**Station: (your call) Frame**

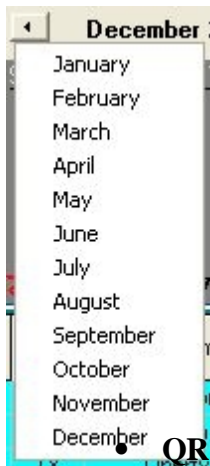
- **Operation:** Type or select your operation: **F (Fixed)**, **M (Mobile)**, or **P (Portable)**
- **State:** If you selected **F (Fixed)**, your **Home State** will appear and this Feature will be 'locked' This can be changed on the [View/Edit Settings](#) screen by selecting the "Use Alternate Below" option. .
If you select an **Operation** of either **M (Mobile)** or **P (Portable)**, type or select your state.
- **County:** If you selected **F (Fixed)**, your **Home County** will appear and this feature will be 'locked'. This can be changed on the [View/Edit Settings](#) screen by selecting the "Use Alternate Below" option. .
If you selected an **Operation** of either **M (Mobile)** or **P (Portable)**, type or select your county.
- **County Line:** If you selected **F (Fixed)**, this feature will be 'locked'
If you selected an **Operation** of either **M (Mobile)** or **P (Portable)**, type or select your county line.
- **Date:** If the **Running Clock Mode** is checked, the current date will be filled in. If unchecked, you must enter the **Date** - format: *mm/dd/yy*.
- **Calendar:** Used to fill in the Date using the mouse.



Click on Year – use up & down arrows to select Year



Use left & right arrows to select Month



Or, click Month and use drop-down list to select

Click to select Day of Month



Then TAB – Date will transfer the Date field.

Time: If the **Running Clock Mode** is checked, the current time will be filled in. If unchecked, you must enter

the **Time**- format: *hh:mm*.

QRP: If the contact is operating with 5 Watts or less, use **Options - Power - QRP** to set the option to **YES**



The contact will post to the **USA-CA-QRP** Book if there is a need.

- **Mode:** Type or select your **Mode**.
The default can be changed on the [View/Edit Settings](#) screen.
- **Band:** Type or select your **Band**. The **Frequency** will be set to your preferences as set in the [View/Edit Settings](#) screen based on **Band** and **Mode**.
- **Frequency:** Type your **Frequency**. If the **Band** does not match your entry, the **Band** will be automatically changed.

Note: The following “F” keys on the keyboard will change the Mode, Band and corresponding Frequency:

“F2” – 20 Meters		“F6” – PSK31	
“F3” – 30 Meters		“F7” - SSB	
“F4” – 40 Meters		“F8” – CW	

- **Running Clock Mode:** When this box is checked, the **Date** and **Time** will be automatically filled in.
When unchecked, you must enter the **Date** and **Time** of the contact manually.

QSO Entry Frame

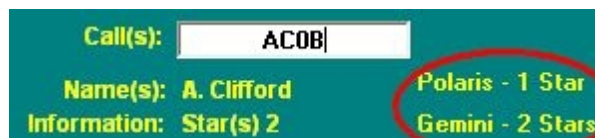
- **Independent Cities:** Right click on the **QSO Entry** line to select an Independent City from a list. State and County will automatically fill-in. For more than one

choice, click on the drop-down arrow.

- **State:** Type or select his state.
- **County:** Type or select his county.
When you exit this field, a list of **Book Needs** will appear. The “Needs” will be highlighted in “Blue” if any contact will fulfill the need.
- **County Line:** Type or select his county line. Note: when you exit this field, the list of **Book Needs** will be updated to include the second county, including additional highlights. NOTE: LOGGER will not allow you to enter an invalid (i.e., “wet”) county line. If you are certain that the county line IS valid, you can override this problem by just logging the contact twice (once in each county).
- **Call(s):** Enter the **Call** of the mobile station.
All **Calls** must contain a *number* to be a valid **Call**.
If the **Call** is in the database, his(her) name will appear along with his(her) stars.
If the **Call** is a **YL**, the word 'YL' will appear.
If the **Call** is a **Big Rig** and in his rig, **Tab, and** hit the Spacebar to put a check in the Big Rig box. Big Rigs status is active or “BR Inactive”. You cannot log a Big Rig who is “Inactive”. Status can be changed on the **County Hunters Misc. – Big Rig** screen.

If the **Call** is part of a **Team**, press the Spacebar to add the other team member, or type “*call1/call2*”, or “*call1,call2*”. (Calls must be in the Team List)

If the **Call** is good for the **Polaris** or **Gemini Award**, the Need will flash:



If the **Call** is not in the MARAC databases, the words 'New Call' will appear. The contact will transfer the **New Call** to the **New Calls** list.

When you complete the **Call**, if any **Needs** are filled by the **Call**, the **Needs** are highlighted in the grid with “Blue” and you should continue to Log the contact.

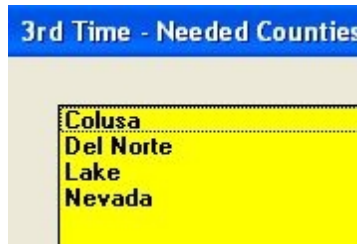
Needs Grid

When the Needs Grid appears it shows with highlights which books will be filled with the contact.

Click on State Count to see Remaining Counties

County	Book KD5CXO	CA Needs	USA Needs
CA Del Norte	3rd Time	4	104
CA Del Norte	40 Meters	57	1180
CA Del Norte	Big Rig	35	1527
CA Del Norte	BINGO II	8	209
CA Del Norte	Call Combo - 2x1	22	1167
CA Del Norte	Call Combo - 2x3	31	1018
CA Del Norte	Master Gold	10	423
CA Del Norte	Master Platinum	36	1768
CA Del Norte	USA-PA - A	5	567
CA Del Norte	YL	15	785
CA Del Norte	YL/OM	16	920

Click on a "State Needs" cell for a list of needed Counties



Click on "5 Mode Book" cell for a list of worked Counties



- **Team posting:** You can post to either database or both.



- **My RST:** Type the **RST** you received
Note: **His RST** will be set to the same.
If the **Mode** is voice, the default is **59**, otherwise the default is **599**.
- **His RST:** Type the **RST** you gave to the station.
If the **Mode** is voice, the default is **59**, otherwise the default is **599**.
- **Operation:** Type or select his operation: **F (Fixed)**, **M (Mobile)**, or **P (Portable)**
- **Timer:** This display box will show the length of *time remaining* for a **Mobile Run**. The Timer is set to 10 minutes by the **Reset** button
- **Reset:** Resets the **Timer** to **10:00** minutes.

Log Grid

The last 5 entries in your log are shown as a reminder. As you work contacts they will be added to the grid.

Date	Time	Call	His State	His County	My State	My County	His RST	My RST
01/22/09	20:58	N3MRA	TX	Yoakum	AR	Stone	22	22
01/19/09	15:53	N4CD	TX	Atascosa	AR	Stone	57	57
01/19/09	15:53	N4CD	TX	Frio	AR	Stone	57	57
01/18/09	15:20	N4CD	TX	Montgomery	AR	Stone	59	59
01/17/09	15:52	W0GXQ	ND	Traill	AR	Stone	33	33

Buttons:

- **Post To Log:** This button will appear. *When all necessary information is entered for a valid contact,* This button (or hitting the Enter key) will post the contact to the log.
- **Clear Fields:** Clears all fields in the **QSO Entry** frame except:
My RST
His RST
Operation
Timer
- **View/Edit Today:** Brings up the [View/Edit/Print: Log](#) screen and shows all posted contacts for today. You may edit the contacts like any other Log view.
- **Similar Calls:** Brings up the [Similar Calls](#) screen with all calls that '*sounds like*' the **Call** or view other **Calls** worked recently. This feature is useful if you are unsure of the entered **Call**.
- **Log Menu:** Returns you to the [Log Entry Menu](#) screen.
- **Main Menu:** Returns you to the [Main Menu](#) screen.

Related Topics:

[Similar Calls](#)

[View/Edit Settings](#)

Log Entry - Mobile

Log Entry - Mobile


[Previous](#) [Top](#) [Next](#)

Purpose:

- To post contacts when operating mobile live
- To post a mobile run after- the-fact.

- Can be used for single **F**, **P** or **U** operations

Note: The following “F” keys on the keyboard will change the Mode, Band and corresponding Frequency:

“F2” – 20 Meters		“F6” – PSK31	
“F3” – 30 Meters		“F7” - SSB	
“F4” – 40 Meters		“F8” – CW	

Fields and Buttons:

Station: (your call) Frame

- **Operation:** Type or select your operation
- **State:** Type or select your state
- **County:** Type or select your County
- **County Line:** Type or select second County if County Line. NOTE: Logger will not allow you to enter an invalid (i.e. “wet”) county line. If you are certain you are making your run while on a valid county line, you will have to enter the run twice (once for each county). Alternatively, you can enter the run using a temporary 2nd county that IS considered valid by LOGGER and then after posting, use the Edit/Log function to make a mass change from the “temporary” county to the real one.
- **Running Clock Mode:** Check if running County “live”.
Start Date & Time will be set from your computer clock.
Contacts will be transferred to the Grid using the Time of the contact.
- **Start Date:** When copying from paper logs, the Start Date must be typed manually or use the mouse and **Calendar**. The Running Clock should be unchecked.
- **Start Time:** When copying from paper logs, the Start Time must be typed manually. The Running Clock should be unchecked.
- **Stop Date:** When copying from paper logs, the Stop Date is automatically calculated from the Start Time and duration.
- **Stop Time:** When copying from paper logs, the Stop Time will default to 10 minutes after the Start Time, or you can type the real Stop Time after the run is completed.
- **Mode:** Type or select your **Mode**.
The default can be changed on the [View/Edit Settings](#) screen.

- **Band:** Type or select your **Band**. The **Frequency** will be set to your preferences as set in the [View/Edit Settings](#) screen based on **Band** and **Mode**.
- **Frequency:** Type your **Frequency**. If the **Band** does not match your entry, the **Band** will be automatically changed.

NOTE: The Mode, Band and Frequency cannot be changed in the middle of a Mobile Run. You must first Post the Grid to the Log before changing.

QSO Entry Frame

- **Call(s):** Type the Call.
If the **Call** is a **Big Rig** and in his rig, hit the Spacebar to put a check in the Big Rig box.

NOTE: For speed, the **To Grid** button (or Enter key) may be used at any time after entering the Call, if the remaining information is correct.

- **(Team Member:** If you are logging to your team member's data set, hit the spacebar to put a check in the team members Call box)
- **His RST:** Type the **RST**.you gave to the station.
Note: **My RST** will be set to the same.
If the **Mode** is voice, the default is **59**, otherwise the default is **599**.
- **My RST:** Type the **RST** you received.
If the **Mode** is voice, the default is **59**, otherwise the default is **599**.
- **Home County:** If you are sure the station is in their Home County, click the check box (or hit the Spacebar if Home County is highlighted) and the information will transfer to the State & County fields.

Note: If you are not sure the contact is in their Home County, leave the State & County blank. This will record “XX” State and “Unknown” County in the log.

That simply means – you don t know for sure where they were.

- **Operation:** Type “M”, “P” or “U”, Default is “F”.
If the operation is “M” or “P” you will be allowed to enter the State & County.
- **State:** Type or select the State of the Mobile or Portable station.
- **County:** Type or select the County of the Mobile or Portable station.
- **County Line:** Type or select the second County if the Mobile was on a

County Line.

NOTE: Logger will not allow you to enter an invalid (i.e. "wet") county line. If you are certain that the contact was made while the mobile was on a valid county line, you will have to enter the run with only one county. Then you will have to go back and manually post a single contact with that mobile in the 2nd county using the same time as posted for the first county.

- **To Grid:** This button (or the Enter key) will move the QSO information to the QSO Grid.frame.

QSO Grid Frame

Purpose:

- To give the Mobile a chance to edit or modify the list before it is posted to the Log.
Options include – Edit, Delete, find a Similar Call or process a New Call.

Grid: A list of all the contacts made during the Mobile Run.

To make changes to a contact, click anywhere in the row to highlight that row.

The **Delete**, **Edit** and **Cancel** buttons will appear when you highlight a row.

Buttons:

- **Delete:** Deletes the highlighted contact from the Grid.
- **Edit:** Moves the contact information up to the QSO frame.
The Edit button also brings two new buttons – **Similar Calls** and **Change**.
Make changes in the QSO frame and hit the **Change** button (or hit the Enter key); the edited information will transfer back to the Grid.
- **Similar Calls:** Brings up the [Similar Calls](#) screen
Here you can find Calls that "sounds like" the one in your contact.
Or look at other Calls that you have worked recently.

Note: If you **Cancel** the **New Call** will be kept and logged. You need to make a note of the **Call** so later you can go to **View/Edit – County Hunters – Call** and add information about the **Call**.

- **Change:** Moves the edited contact information from the QSO frame back to the Grid.
- **Cancel:** Removes the highlight from the row in the Grid
- **To Log:** Posts all the contacts in the Grid to your Log
Alternate key stroke is "**Alt + L**"
Mobile contacts are posted to the Books if they meet any of your Needs

- **Log Menu:** Takes you to the [Log Entry Menu](#) screen.
- **Main Menu:** Takes you to the [Main Menu](#) screen.

Related Topics:

[Similar Calls](#)

[View/Edit Settings](#)

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Map Program

Map of State

[Previous](#) [Top](#) [Next](#)

A separate program from Logger

Purpose:

- To display maps of each State with Counties
To locate Counties by name
To visualize the status of needs by Book

To start the Maps Program – click **Map** on the **Main Menu** then a **State** on the **Map Menu**.

- **Buttons:**

State - Click on a State – brings up a State Map

The first screen shows a list of the Counties in the State.

Click on a **County name** – the crosshairs locate the **County**, the **County Lines** are shown on the right side of the screen.

Click on **Needed Books** – a list of Books shows with a least one needed county.

Click on **Show USA** – you go back to the **USA Map**.

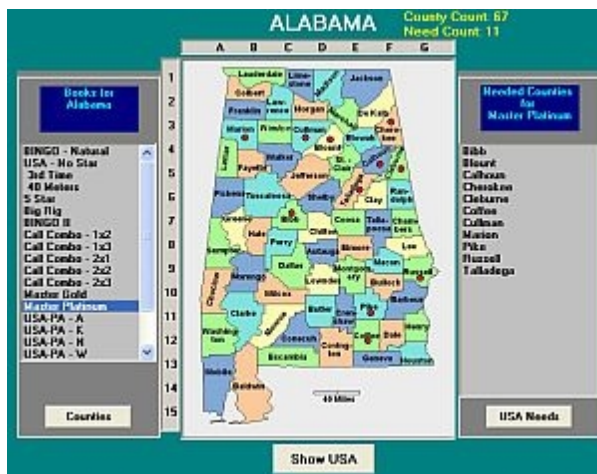


Click on **Books** – a second screen appears. A list of your tracked books shows on the left.

Click on a book in the list – The **Needed Counties** show in a list on the right and as a **Dot Symbol** on the map. Click on **USA Needs**, the list will show all the needed Counties in the US.

Click on **Show USA** – you go back to the **USA Map**.

Click on **Counties** – you go back to the first screen.



Click "X" to close screen and return to the **Map Menu**

- **Log Entry – Mobile** button returns you to the [Log Entry - Mobile](#) screen.
- **Log Entry – Fixed** button returns you to the [Log Entry - Fixed](#) screen.
- **Main Menu:** Returns you to the [Main Menu](#) screen.

(later)

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Net Control Time

Net Control Time

[Previous](#) [Top](#) [Next](#)

(Not operational yet)

Purpose:

- To track accumulated time as Net Control or assisting mobiles to run their Counties. The hours accumulated count toward the Master Gold Award.

Note: As you enter this screen you will be connected to the W5UGD Chat Site so you can automatically post the mobile runs to the web site and Logger Spots.

Two Methods:

- By Net Time** - collect hours and minutes when a formal net is in operation and you are acting as **Net Control** or **Assistant Net Control**. You must be operating "live" with the Running Clock ON.
- 10 Minutes per Mobile** when you jump on frequency and assist a mobile to complete his run. This method may be used with the Running Clock ON, or used for posting from "old" assist logs.

By Net Time:

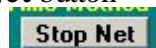
You start the clock accumulating time using the **Start Button**



The clock will continue to accumulate time as long as you are actively running mobiles. To keep the clock running during lull periods, you must click **Reset Timer** every **10 minutes**, or the net activities will be considered ended and the accumulation will stop automatically.



At the end of a formal net session, you end the accumulation of time with the **Stop Net** button

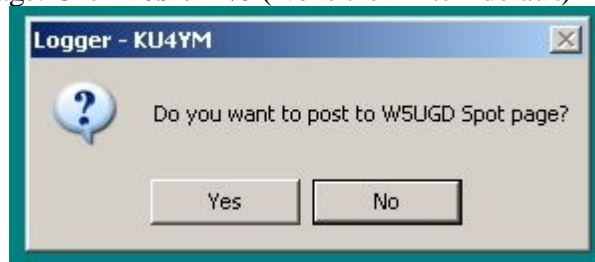


To run a mobile - type the **Call** - Tab - type the **State & County(s)** - the **Mobile Start** button will appear - click to start the run



The **Start Date** and **Start Time** will fill in.

When you start the mobile you are asked if you want to post to the W5UGD Spot page. Click **Yes** or **No** (No is the "Enter" default)



Note: If you work the mobile as a contact for your own log, you must fill-in the **RSTs**, click **Log to Your Call** before the run is over.



Click **Stop** at the end of the mobile run. **Stop Date** and **Stop Time** will be recorded.

List of Mobiles:

For the convenience of running a "net", or assisting a mobile, Logger keeps a list of the mobiles in the order they should be run. The order runs from top to bottom.

After a mobile is run he/she goes to the bottom of the list.

A mobile can be "**Added**" to the bottom of the list.

List Of Mobiles								
Number	Call	Start Date	Start Time	Stop Date	Stop Time	Names	State & County	Hold or Active
1	W07A	04/21/10	04:20	04/21/10	04:21	Terry	WA Benton	
2	W0NAC	04/21/10	04:24	04/21/10	04:25	Matt	CO Delta	
3	KD5CXD	04/21/10	04:25	04/21/10	04:32	Tim	AL Baldwin	
4	KD92P	04/21/10	04:33	04/21/10	04:40	Gene	WI Adams	
5	W7GQK							

You can modify the order as circumstances dictate by selecting a **Call** and moving it up or down the list.



To run a mobile from the list - click on the **Call** - it will be transferred to the **Mobile Run** frame.

10 Minutes per Mobile Run

Similar to above, but there is no timer and no formal "net".

You get 10 minutes credit in your Net Control Time log for each mobile assisted.

No credit is given for "standing by" the computer.

When operating with the Running Clock ON, you may fill in the RSTs and log

the contact to your regular Logger files.

When logging from "old" records, you cannot fill in the RSTs and post to your regular Logger files.

Your accumulated hours for the **Master Gold Award** may be viewed by going to **Print - Book - Net Control Time**.

- **Main Menu** returns you to the [Main Menu](#)

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Print Book

Print Book

[Previous](#) [Top](#) [Next](#)

Purpose:

- To view or create a file of your current status.
- To send an application to the Awards Manager for an award.
- Select a Book from the list;
Two additional frames will appear:
 Award Information frame
 Make Corrections As Necessary frame

Buttons:

- **View:** Creates a document which lists your completed Counties for the Book for each State. It also shows the number needed in each State.
You may print this document to by using the **Print** icon in the upper left corner of the screen.

(Note: The **Export** icon is not used in Logger)

Write to File: Creates a file in the **C:\Logger Data** folder with the format: **(Your Call) – Book – (Book Name).txt**. This is the file to attach to an email to the Awards Manager. All 3077 counties should be worked.

Before sending the file to the Awards Manager, fill out the **Awards Information** frame: Plaque ? Band & Mode Endorsements.
Then check your personal information in the **Make Corrections As Necessary** frame.

Awards Manager: Brings up an Email window in your default email program.

Always run [Back & Compact Database](#) after Printing a Book.

- **Print Menu:** Returns you to the [Print Menu](#) screen
- **Main Menu:** Returns you to the [Main Menu](#)

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Print Contest

Print Contest

[Previous](#) [Top](#) [Next](#)

- (later)
- **Main Menu** returns you to the [Main Menu](#)

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Print Envelope

Print Envelope

[Previous](#) [Top](#) [Next](#)

- (later)
- **Main Menu** returns you to the [Main Menu](#)

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Print Log

Print Log

[Previous](#) [Top](#) [Next](#)

- Takes you to the [View/Edit/Print: Log](#) screen.
- **Main Menu** returns you to the [Main Menu](#)

Print MRC

Print MRC

[Previous](#) [Top](#) [Next](#)

Purpose:

- To print and track MRCs for confirming all 3077 Counties.
To create a QSL number for tracking received QSLs.

Note: Select the MRC card size 3 x 5 on the **View/Edit – Settings – Settings Misc.** screen.

Buttons:

- **Book:** Brings up a screen with the Call of all contacts in your USA-CA or Nth Time Book; Shows the number of contacts for each Call and the number of Counties worked. Also shows the number of contacts already listed on MRCs/QSLs.

For each Call you can check the status of MRCs and QSLs

Click on a row and additional buttons appear:

- **Reprint:** Used to print the MRC when you created it with the Edit feature.
- **Delete:** Deletes a selected contact from the MRC.
- **Edit:** Used for two purposes; To add an MRC number to a blank entry;
To enter the Returned Date to an MRC number
- **Cancel:** Takes you back to the **View/Edit/Print MRC** screen.
- **MRC:** Brings up the list of MRC/QSL numbers used, the Call, number of counties and the status of each.
For each MRC/QSL you can check the status, when Sent and when Returned.
- **State:** Bring up a list of Counties in the State, if they are listed on an MRC or not and the status of each County.
- **Post MRC:** Allows you to select a MRC number and enter the Returned Date.
- **Post QSL:** Allows you to select a QSL number and enter the Returned Date.
- **Test Print MRC:** Used to make sure your printer is set up for the proper card stock.

You will need to set the printer for **Landscape** mode and possibly adjust the margins for your particular printer. Always run a test before printing MRCs/QSL.

- **Main Menu:** Returns you to the [Main Menu](#) screen.

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Print Needs

Print Needs

[Previous](#) [Top](#) [Next](#)

Purpose:

- To view or print a paper copy of your Needs.
Up to 10 Books may be tracked with this document.

A window shows a list of your Books. Hold down the Ctrl key and select the Books to print.

In the **Counties Needed Options** frame, select [All States](#) or a single [State](#)

Buttons:

- **View:** Starts the calculation which may take several minutes.
The Needs document will appear in a new window.

You may **Print** the document to a file by using the icon in the upper left corner of the screen.

(Note: The **Export** icon is not used in Logger)

Close the document and **Hide** the calculations returns you to the **Print Needs Menu**.

- **Print Menu:** Returns you to the [Print Menu](#) screen.
- **Main Menu:** Returns you to the [Main Menu](#) screen.

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Similar Calls

Similar Calls

[Previous](#) [Top](#) [Next](#)

Purpose:

- When in doubt about a Call, this screen provides a way of looking for alternatives.
or finding the information about a New Call

Tabs and Buttons:

- **Similar Calls:** Brings up a list of calls that *sounds like* the Call or has a one character mistake.
Click the Call you wish to substitute
You will be returned to the **Log Entry Fixed** screen with the Call selected.
- **Recent Calls:** Brings up a list of Calls that you have worked recently.
Click the Call you wish to substitute
You will be returned to the **Log Entry Fixed** screen with the Call selected.
- **Check QRZ.com:** Queries QRZ for information about the New Call.
You must be on-line to the Internet to use this feature.
If the query is successful the blue box will fill in and the **Parse** button will appear.
- **Parse:** Transfers the information into Logger.
Note: If the name has more than three components you will have to manually insert the name.

Place a checkmark beside **Big Rig** or **YL** if known.
- **Save Data:** Adds the Call to the Logger database
- **Help:** - - not operational
- **Cancel:** Returns you to the [Log Entry - Fixed](#) screen.

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Tools

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Tools Screens**Tools Screens**
[Previous](#) [Top](#) [Next](#)

- **Purpose:**
 - To select various housekeeping functions

Buttons:

- **Recalculate Book**
- **Backup & Compact Database**
- **Download Updates**
- **Update From Master**

- **Main Menu:** Returns you to the [Main Menu](#)

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Recalculate Books

Recalculate Books

[Previous](#) [Top](#) [Next](#)

Purpose:

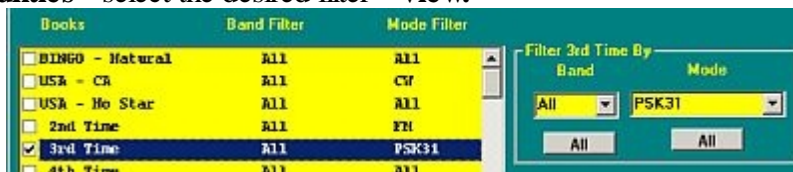
- To restore and update the Books by re-posting all your Logs.
If you suspect a Book has been corrupted for some reason, this process might solve some problems

A window shows a list of all the Books and how each has been filtered. Check the boxes of the Books to recalculate.

To Filter a Book - click on the Book - Type or select the Band & Mode from the drop down list.

All Books can be Recalculated with filters except **Xmited Counties**.

Note: To see your "**Filtered Needs**" for Xmited Counties use **Print - Needs - Xmited Counties** - select the desired filter - **View**.



Select All: Adds a checkmark to all boxes

Note: It may take hours to complete depending on the speed of your computer.

Multi-select: Select only the Books you need to Recalculate.

Caution: As you select Nth Time Books, be sure to use the Grids to indicate the First and Last contacts as each Book is selected for the first time. If they are unknown, recalculate each Nth Time individually in sequence to find the last contact.

Once the First & Last contact are correct, you do not have to re-select the dates again. Logger will default to the last dates used. When all dates are correct, it is safe to "Select All" (or many) - walk away - and let the computer complete all the recalculates at one time.

For Awards that have sequential Nth Times, all contacts on your Award Dates are shown.

Example: Recalculate your 3rd Time.

Select your First QSO for the: 3rd Time					Select your Last QSO for the: 3rd Time				
QSO ID	Call	Log Date	Log	His County	QSO ID	Call	Log Date	Log	His County
65475	KC0QR	08/21/04	18:42	PA Cameron	93963	K2JG	03/23/07	16:28	SC Charleston
65481	K0GO	08/21/04	19:58	WY Niobrara	93962	K2ZP	03/23/07	16:28	SC Charleston
65476	KC0QR	08/21/04	20:11	PA Elk	93964	KE5AY	03/23/07	16:29	TX Williamson
65480	KC0QR	08/21/04	21:37	PA Warren	93965	WA4BNW	03/23/07	16:30	MA Bristol
65477	KC0QR	08/21/04	22:50	PA Forest	93966	N2ARF	03/23/07	16:32	NJ Atlantic
65479	KC0QR	08/21/04	23:10	PA Venango	93967	N7KQ2	03/23/07	16:34	AZ Greenlee
65478	KC0QR	08/21/04	23:58	PA Mercer	93968	N5UZW	03/23/07	16:35	AR Arkansas

On the **Left Grid** - select the first contact for the Recalculation if it falls on the Award Date of your previous award. If none are selected, Logger will use contacts starting the next day.

On the **Right Grid** - select the last contact for the Recalculation if it falls on your Award Date for this award. If none are selected, Logger will use last contact before the Award Date.

- **OK:** Starts the recalculation process
- **Help:** – brings up the Help File
- **Cancel:** Returns you to the [Tools Screens](#)

After Recalculating a Book(s) run [Back & Compact Database](#) as a final step.

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Back & Compact Database

Back & Compact Database

[Previous](#) [Top](#) [Next](#)

Purpose:

- To create backup files of all your data in case the original becomes corrupted. The backup files are numbered and dated to document when the backup was created. You should run **Backup & Compact Database** at least once a month, or every time you Update From the Master.

- The **Compact** portion of the **Backup** does certain housekeeping functions to keep the databases in “sync”.

Two of your data files are backed up:

1. County Hunter - (Your Call).mdb
2. County Hunters – Common.mdb

- **OK:** Causes the backup to be created. The display will show all backups and the two just created.
 1. County Hunter – (Your Call) – Backup – 0001.mdb
 2. County Hunters – Common – Backup – 0001.mdb
- **Help:** not implemented
- **Cancel:** Returns you to the [Tools Screens](#).

Download Updates

Download Updates

[Previous](#) [Top](#) [Next](#)

The table shows "Your Versions" and the Versions available.
Red highlights will show that you need to update

Download Updates has 3 options for downloading



Download CountyHunterMaster Version: xx/xx/xxxx

If it is later than "Your Version" and highlighted - you need to update.

To update, click OK - the download will start - click Hide when completed.

(You will be reminded to do a backup first, if you have not done so.)

Click OK to **Start the Update**.

When the update is completed - click OK and Hide.

You will be taken back to the download screen - if no more downloads - click Cancel

You will be back at the Tools screen. Note that the "Update >From Master" is gray. This means you cannot update again until you do a new download.

Download MARAC Logger Version: x.xxx.xxxx

If it is later than "Your Version" and highlighted - you need to update.

To update – **select**, then click **OK** - download will occur.

A message pops up letting you know that Logger will stop, then restart after the update – click

OK

Another message about Logger closing – click **OK**

Allow the Setup Wizard complete the installation to Finish

Logger will start using the new version.

Download MARAC Logger Map Version: x.x.x

If it is later than "Your Version" and highlighted - you need to update.

To update – select, then click OK - download will occur.

Allow the Setup Wizard complete the installation to Finish – Hide

You will be taken back to the download screen – if no more downloads – click Cancel

Note: Run Logger Map one time as a Standalone - It's location will be remembered.

Update from Master

Update from Master

[Previous](#) [Top](#) [Next](#)

**Updating the Master is restricted to current MARAC members.
Please keep your membership up-to-date.**

Purpose:

- To keep your copy of the Logger program up-to-date with new numbers awarded and new County Hunters added.

Updating from Master is a two step process.

Download CountyHuntersMasterMaster using **Download Updates**

- This automatically downloads the latest County Hunters Master from the MARAC website. You must be connected to the Internet

Update From Master - After downloading the County Hunters Master click **OK** to start the Update

Note: If you downloaded the CountyHuntersMaster directly from the website, place the file in your Logger Data folder and click the **Update From Master** button.

This updates the Award numbers issued, add new members and keep your databases “in-sync” with the MARAC database.

- **OK:** Starts the update process.
- **Help:** Brings up this Help window
- **Cancel:** Returns you to the [Tools Screens](#).

Restore Database

Restore Database

[Previous](#) [Top](#) [Next](#)

Not functional within Logger.

To Restore a Backup -

Use Windows to edit the two Backup names back to the original names.

County Hunters – Common [- Backup – 000X].mdb to:

County Hunters – Common.mdb

County Hunter – (Your Call) [– Backup – 000X].mdb to:
 County Hunter – (Your Call).mdb

- **Main Menu:** Returns you to the [Main Menu](#)

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View/Edit

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View/Edit Book

View/Edit Book

[Previous](#) [Top](#) [Next](#)

Purpose:

- To allow you to see and edit the entries in a Book.
- Provide a place to show the **LC1 Award Sent Dates** for your records.

County	LC Sent Date	Call	My County	Date	Time
CA, San Joaquin		N4CD	WA, Thurston	07/20/10	16:20
CA, Sonoma		N7PIB	CO, Garfield	02/19/10	20:20
CA, Sonoma		N7PIB	MT, Gallatin	07/17/09	22:42
CT, Middlesex	07/01/08	KB6UF		06/06/08	15:55
DE, Kent	11/02/07	N8KIE		10/18/07	16:22
FL, Jefferson		WG6X	WA, Thurston	08/29/09	17:50
GA, Heard		N4AAT		08/10/10	21:14
HI, Hawaii	07/15/07	N8KIE		06/10/07	19:28
IA, Howard		W6TMD	ND, Richland	07/05/09	18:46
IA, Mitchell		N8KIE		06/23/09	16:42
ID, Caribou		K5GE	WA, Thurston	07/16/10	14:25

Note: These LC Sent Dates are not used by Logger. They are for your reference and convenience only.

To display this column, place a check in the box for **Show Last County**

You may also show the last county of a State, if there is one.

Note: County Challenge, Xmitted Counties – MG, Xmitted Counties – MP, Gemini and Polaris are not books – use **Print** to view a list.

Select the **Book** you wish to see – Select **All** or a single **State**.

The Book will appear as a table with all the supporting QSO information. Click on a row to see if you have additional contacts that may be substituted. An additional frame appears to show if you have any substitute contacts for that State & County. You may only **Delete** or **Replace** the Book entry.

Note: **Delete** or **Replace** does not affect your QSO Log. If you **Recalculate** the Book the original QSO may show up again. The only sure way to remove a contact from a Book is to **delete** it from the **Log**.

Click on a substitute, the **Replace** button will appear.

Buttons:

- **Delete:** Removes the contact from the Book.
- **Replace:** Moves the selected substitute contact to the Book.
- **Help:** Brings displays this page
- **View/Edit Menu:** Returns you the [View/Edit Menu](#)
- **Main Menu:** Returns you to the [Main Menu](#)

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View/Edit Latest Numbers

View/Edit Latest Numbers

[Previous](#) [Top](#) [Next](#)

Purpose:

- To provide a list of the latest Award Numbers issued

Click Column Header to Sort Alternately - Decending/Ascending

Award	Number	Call	Date
5 Star	48	K5GE	08/29/10
USA-PA - K	20	AB4YZ	08/26/10
USA-PA - W	8	KC3X	05/18/10
USA-PA - N	10	N9QS	04/09/10
USA-PA - A	2	N4AAT	11/16/07
USA-PA - All	1	N4AAT	11/11/07

- **View/Edit Menu:** Returns you to the [View Edit Menu](#)
- **Main Menu:** Returns you to the [Main Menu](#)

View/Edit MARAC

View/Edit MARAC

[Previous](#) [Top](#) [Next](#)**Purpose:**

- To access information about the MARAC Officers
Caution: This information may not be current just after an election. It will be updated with the next **Update From the County Hunter Master**.

Buttons:

- **President:** Brings up the President frame.
Displays information and Awards for this Call
 - **Email:** Brings up an Email window in your default email program for this Call.
 - **Cancel:** Returns you to the President frame.
 - **Exit:** Returns to the View/Edit MARAC screen.
- **Vice President:** Brings up the Vice President frame.
Displays information and Awards for this Call
(Other information same as **President**)
- **Treasurer:** Brings up the Treasurer frame.
Displays information and Awards for this Call
(Other information same as **President**)
- **District Director:** Brings up the Your District Director frame.
Displays information and Awards for this Call
(Other information same as **President**)
- **Awards Manager:** Brings up the Award Manager frame.
Displays information and Awards for this Call
(Other information same as **President**)
- **Roadrunner Editor:** Brings up the Roadrunner Editor frame.
Displays information and Awards for this Call
(Other information same as **President**)
- **View/Edit Menu:** Returns you the [View Edit Menu](#)
- **Main Menu:** Returns you to the [Main Menu](#)

View/Edit Settings

View/Edit settings

[Previous](#) [Top](#) [Next](#)**Purpose:**

- To allow you set various defaults used by the Logger program

Buttons:

- **Color Scheme:** Brings up the **Color Scheme** window. You can customize the appearance of your Logger program by changing the color of the background and text in various screens and boxes.

In the **Select Item** frame Check the feature you would like to modify.

- **Color Pallet:** Brings up the Color Pallet. Select the color you would like to use.
 - **OK:** Changes and Saves the color(s) of the selected feature
 - **Cancel:** Returns to the Color Scheme frame without making changes.
- **Reset:** Restores colors back to your last Save.
- **Set Defaults:** Restores Color Scheme to original default.
- **Save:** The changes will be saved in the Logger program.
- **Bands & Modes:** Brings up the **Band and Modes** window. You can modify the default Mode and Frequency that shows in the Log Entry screens.

In the **Favorite Bands and Modes** frame edit the item to change.

The **Log Entry Default Settings** frame displays the default for the Log Entry screen.

The **Favorite Frequencies** frame displays the alternate defaults if you change the Band and/or Mode in the Log Entry screen.

- **Reset:** Restores Modes and Frequencies to your last Save.
- **Set Defaults:** Restores Modes and Frequencies to original defaults.
- **Save:** The changes will be saved in the Logger program.

- **Tracked Books:** Brings up the **Tracked Books** window. The list shows all the Books tracked by Logger. Note: Books will be added as you become eligible for them.

In the **Tracked Books** frame you may select the Books to display in the **Log Entry – Fixed - Needs List** and in the **View Book Summary** screen.

- **Select All:** Place a checkmark for all books.
- **Clear All:** Clears the checkmarks.
- **Save:** The selected Books will be saved in the Logger program.
- **Settings Misc:** Brings up the **Settings Misc & MRC Size and Logging Options** frames. Allows you to set various defaults when using the **Print MRCs** screen or using the **Log Entry** screen.

MRC Card Size: Select the **3 x 5** Index Card size for printing MRCs.

Logging Options:

Home County: Check the **Use Alternate County Below** box if you need to override the standard default. The default for your **Home County** comes from the Logger database. Your **Home County** default is used in the **Log Entry** screens.

Example: If you are **‘Fixed’** and away from your current home, **‘Use Alternate County Below’**

Running Clock Mode: Sets the default mode of the clock in the **Log Entry –Mobile** and the **Log Entry - Fixed** screens.

A checkmark changes the default to **Running Clock Mode ON**.

- **Reset:** Restores defaults to your last Save.
- **Save:** The changes will be saved in the Logger program.
- **View/Edit Menu:** Returns you the [View Edit Menu](#)
- **Main Menu:** Returns you to the [Main Menu](#)

Purpose:

To allow you transfer **Spots** directly from the **W6RK** or **MARAC** web site into Logger. You must be on-line to the **Internet** to use this feature.

On the **Log Entry – Fixed** Screen, Click **View/Edit – Spots**, then select the website you wish to use. You have a choice in case one of the websites is down for some reason.

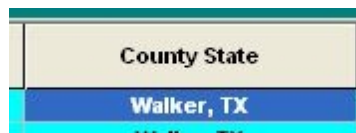
Click **Cancel Logon** if you need to change websites.

The **Spots** list you see is from the web site you select, and is updated whenever a new spot is posted. The latest spot will also show in the **Status Bar** at the bottom of all Logger screens.

The highlighting of the Spots for **Needs** can be turned ON or OFF on the **Top Bar** under **Options**. See **Top Bar Options** for more details.



If a Spot within the last 20 minutes fills any of your needs, the county will be highlighted:



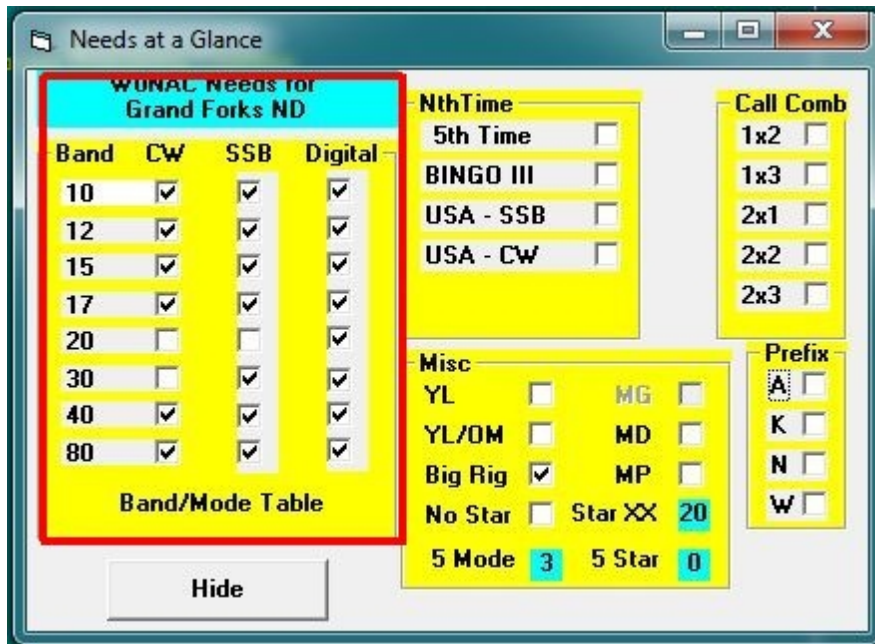
Click on a current running **Mobile**

The **Edit Spot** frame will appear giving you the opportunity to correct the information if the **Parse** failed to translate everything. When the **Parsed Data** is correct – Click on **Copy to “Log Entry Fixed”**.

You will be transferred to the **Log Entry – Fixed** screen with the information already filled in and your **Needs List** highlighted if you need to work the contact.

County	Book KD5CXO	IJ Needs	USA Needs
IJ Union	Call Combo - 2x1	7	1175
IJ Union	40 Meters	16	1257
IJ Union	Masters Platinum	19	1815
IJ Union	(Wkd 1 Star) - Polaris	21	3076

A Pop-up will appear showing your progress toward the W6RK County Challenge Top List Award. A check means you need to work the contact.



The right side of the table reminds you of other Needs you may have.

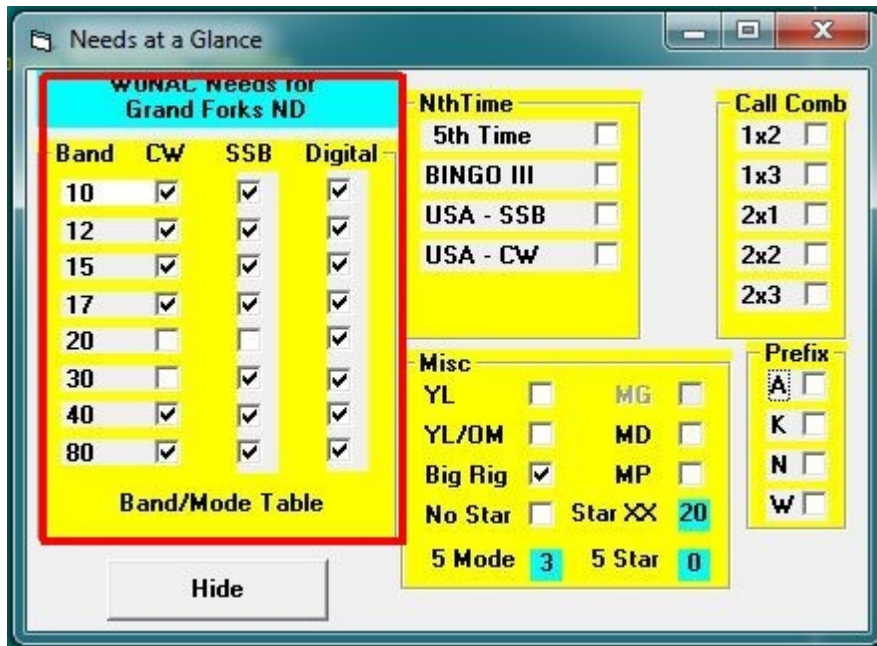
Hide or Cancel returns you to the [View/Edit Spots](#) screen.

- **Log Entry:** Returns you to the [Log Entry - Fixed](#) screen.
- **View/Edit Menu:** Returns you the [View/Edit Menu](#).
- **Main Menu:** Returns you to the [Main Menu](#).

Once activated, Spots will continue to run in the background of another screen. The Spots highlight only shows spots within the last 20 minutes.

Needs at a glance

Click on a row in the Spots screen and you get a Pop-up that shows your W6RK County Challenge Top List needs for the County. The **Band/Mode Table** gives you additional information not shown in the normal Needs List on the Edit Spot screen. If the Band and Mode of the spot has a check - you need to work the contact.



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View/Edit Book Summary

View/Edit Book Summary

[Previous](#) [Top](#) [Next](#)

Purpose:

- To allow you to check your progress in all your **Tracked Books**.

Shows a list of all the Books you have checked in the **View/Edit – Settings** screen. Each Book is shown as the name of the **Award**, the number of counties **Worked** and the number of counties **Needed** to complete the requirements of the award.

Book Summary Grid:

Award	Worked	Needed
3rd Time	3007	70
40 Meters	2087	990
5 Star	3010	67
Big Rig	1559	1518

Note: - The **Book Summary** for **County Challenge**, **Polaris** and **Gemini** show what is **Needed** to get to the next level of the **Award**.

Example:

County Challenge	5848	152
(Wkd 1 Star) - Polaris	553	197
(Wkd 2 Stars) - Gemini	280	0

The next level for County Challenge is 6000, so 152 needed.
 The next level for Polaris is 750, so 197 needed.
 Gemini tops out at 150, so this award is finished.

- Note: The **MARAC County Challenge Award** is different from the **W6RK County Challenge Award**. The table on the right tracks **Band vs. Mode** for those County Hunters interested in the **W6RK County Challenge**. Details can be found here:

<http://www.w6rk.com/cca.html>

- **View/Edit Menu:** Returns you the [View Edit Menu](#)
- **Main Menu:** Returns you to the [Main Menu](#)

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View/Edit/Print Log

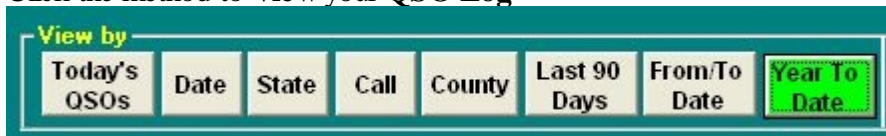
View/Edit/Print Log

[Previous](#) [Top](#) [Next](#)

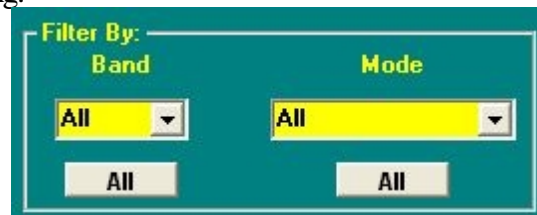
Purpose:

To view your **QSO Log** in various ways.
 To edit the **QSO Log** and save changes.
 To print all or a portion of the **QSO Log**.

Click the method to **View** your **QSO Log**



On the **Date**, **State**, **Call**, **County**, and **From/To** the view of the grid can be filtered by Band & Mode using:



Note: Edit allows **multiple line** editing and deleting.

Use “**Ctrl + Click**” to select individual records not next to each other.

Use “**Click**” and then “**Shift + Click**” to select a range of records.

To edit a column, all records must have the **same data** in at least **one** field.

Make the change in the **Edit QSO** frame – click **Change**.

The change will be applied the all the selected QSOs.

- **Today s QSO:** Brings up a list of today s contacts.

- **Date:** Brings up the **Enter Date** frame. Type the **Date** of the Log to view.
- **State:** Brings up the **Enter State** frame. Type or select the **State** you want to view.
- **Call:** Brings up the **Enter Call** frame. Type the **Call** you want to view
- **County:** Brings up the **Enter State and County** frame. Type or select the **State and County** you want to view.
- **Last 90 Days:** Brings up a list of contacts made in the last 90 days.
- **From/To Date:** Brings up the **Enter From/To Dates** frame. Type the **From Date** in the **From Date** box, the **To Date** box will appear. Type the **To Date** in the **To Date** box.
Caution: If you try to display more than 14,000 records, the program will abort!
- **Year to Date:** Brings up a list of contacts made this year.
- **Print:** The Print button appears after selecting and displaying a Log. Click **Print**, Logger will create a temporary table for viewing. Click the **Print Icon** in the upper left corner to print the document to your printer. Click “X” to close the document, then click **Hide**.
- **Write To File:** The Write To File button appears after selecting and displaying a Log. Click **Write To File**, Logger will create a file in your database folder: **(Your Call).txt**. You can use Wordpad to view this file.

Edit QSO: Click a **row** to Edit and click **Edit**, the **Edit QSO** frame appears.

Date:	2/8/2002	Call ID	5780
Call:	WD9HAM	QSO ID	13969
His State:	AL	Previous	▲
His County:	Cullman		▼
My State:	AR	Next	
My County:	Stone		
Time:	19:53		
His RST:	59		
My RST:	59		
Band:	20		
Frequency:	14.336		
Mode:	SSB		
Oper. His:	M		
Oper. Mine:	F		
			1 Selected Records

Make changes to any information brings up 2 more buttons.

Change: Transfers any changes to the Log.
Updates any Books that are affected.

Cancel: Changes any edits back to the original

Delete: Click a row and click **Delete** Removes the QSO from the Log. Updates all Books that used the QSO.

Exit: Removes the Edit QSO frame

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View/Edit/Print MRC

View/Edit/Print MRC

[Previous](#) [Top](#) [Next](#)

Purpose:

- To print and track MRCs for confirming all 3077 Counties.
To create a QSL number for tracking received QSLs.

Buttons:

- **Book:** Brings up a screen with the Call of all unconfirmed contacts in your USA-CA or Nth Time Book; Shows the number of contacts for each Call and the number of Counties worked. Also shows the number of contacts already listed on MRCs/QSLs.

Additional Buttons across top of screen:

MRCs Not Returned: 213 Click to see a list of MRCs not returned.
Also calculates the **"Sent" Counties: 445** number.

MRCs Returned: 560 Click to see a list of MRCs Returned.
Also calculates the **Confirmed Counties: 1490** number.

Worked Counties With No MRC: 104 Click to see a list of Worked Counties with no MRC.
Also calculates the **No MRC Counties: 104** number.

For each Call you can check the status of MRCs and QSLs

Click on a row and additional buttons appear:

- **Reprint:** Used to print the MRC when you created it with the Edit feature.
- **Delete:** Deletes a selected contact from the MRC.
- **Edit:** Used for two purposes; To add an MRC number to a blank entry;
To enter the Returned Date to a MRC number.

- **Cancel:** Takes you back to the **View/Edit/Print MRC** screen.
- **MRC:** Brings up the list of MRC/QSL numbers used, the Call, number of counties and the status of each.
For each MRC/QSL you can check the status, when Sent and when Returned.

Additional Buttons across top of screen:

MRCs Not Returned: 213 Click to see a list of MRCs not returned.

Also calculates the **'Sent' Counties: 445** number.

MRCs Returned: 560 Click to see a list of MRCs returned.

Also calculates the **Confirmed Counties: 1490** number for USA-CA

- **State:** Bring up a list of Counties in the State, and the MRC status of each County.

Additional Buttons across top of screen:

MRCs Not Returned: 6 Click to see a list of MRCs not returned for the State.

Also calculates the **'Sent' Counties: 10** number for the State.

MRCs Returned: 18 Click to see a list of MRCs returned for the State.

Also calculates the **Confirmed Counties: 14** for the State.

Worked Counties With No MRC: 2 Click to see a list of worked Counties with no MRC.

Also calculates the **No MRC Counties: 2** number for the State.

- **Post MRC:** Allows you to select a MRC number and enter the Returned Date.
- **Post QSL:** Allows you to select a QSL number and enter the Returned Date.
- **Test Print MRC:** Used to make sure your printer is set up for 4 x 6 (or 3 x 5) card stock. Make you size selection in **View/Edit - Settings - Settings: Misc.** You will need to set the printer for **Landscape** mode and possibly adjust the margins for you particular printer. Always run a test before printing MRCs/QSL.
- **View/Edit Menu:** Returns you the [View Edit Menu](#)
- **Main Menu:** Returns you to the [Main Menu](#)

View/Edit Xmitted Counties

View/Edit Xmitted Counties [Previous](#) [Top](#) [Next](#)

Transmitted Counties is not really a Book but a master list.
There are 5 ways to look at this list:

1. Xmitted Counties
2. Xmitted Counties - RAS
3. Xmitted Counties - MG
4. Xmitted Counties - MP
5. Xmitted Counties - MD

1. **Xmitted Counties** displays the entire list and the number of transmitted sessions per County. It shows the first contact in each mobile run.

County	Call	His County	Date	Time
WA Spokane (9)	N8KIE	IL Hardin	07/08/07	15:14
	N0ZA	CO Ouray	05/25/09	14:43
	W6TMD	UT Millard	07/01/09	22:25
	N4AAT	SC Lexington	05/24/09	23:50
	KC6AWX	CA Marin	10/22/04	18:56
	W7KQZ	AZ Greenlee	06/06/04	02:33
	W9XYL	WI Fond du Lac	06/12/03	01:17
	N4AAT	NC Lee	07/02/09	15:29
	WY7LL	SD Beadle	09/25/05	22:57
WA Stevens (3)	K0LG	MO Moniteau	07/31/02	16:45
	N1BY	TN Shelby	06/27/03	22:25
	K01U	MA Essex	06/06/04	00:53

2. **Xmitted Counties - RAS** shows the current status of transmitting from all the Counties in a State. This display will start over on your award date, ready for your next Nth Time.

Book: Xmitted Counties - Ran All State State: OR Ran: 30 Need To Run: 6 Click Column Header to Sort Alternately - Descending/Ascending					
County	Call	His County	Date	Time	Frequency
Gilliam	N8KIE	MI Oakland	02/10/06	23:08	14.336
Grant					
Harney					
Hood River	NV4Z	FL Collier	02/10/06	20:33	14.336
Jackson	W3CR	IL Rock Island	02/06/05	16:14	14.336
Jefferson					
Josephine	W3CR	IL Rock Island	02/06/05	16:14	14.336
Klamath	W3CR	IL Rock Island	02/29/08	22:43	14.336
Lake	N4UJK	FL St. Johns	02/29/08	20:01	14.336

3. **Xmitted Counties - MG** This tracks the 1500 transmitted counties that may be substituted for "service hours" in the Master Gold Award. Each county may be counted up to 50 times.

4. **Xmitted Counties - MP** This tracks the 500 transmitted counties after you receive the Masters Gold Award that are required for the Masters Platinum Award.

Book: Xmitted Counties - MP State: WA Xmitted: 36 USA Total: 507
Click Column Header to Sort Alternately - Descending/Ascending

County	Call	His County	Date	Time	Frequ
WA Adams	N0ZA	CO Mesa	06/05/09	18:44	14.3
WA Asotin	N4UJK	FL St. Johns	06/04/09	22:16	14.3
WA Benton	N0ZA	CO Mesa	04/26/09	18:45	14.3

5. **Xmitted Counties - MD** This display tracks the 500 County transmitting requirements for the Mobile Diamond Award, three contacts in 2 different Bands and at least one contact with a Master Platinum Award holder.

You cannot sort any column for 'Xmitted Counties - MD'

County	Band	Call * = MP	His County
OR Yamhill	15	N4AAT *	SC Lexington
		N5UZW *	AR Arkansas
		NU4C	FL Volusia
	20	N4CD *	TX Collin
		N8KIE *	MD Anne Arundel
		N4AAT *	SC Lexington
	40	N7LFX	OR Josephine
		N6PDB	CA Santa Cruz
		<u>^ County Complete</u>	

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View/Edit County Hunters

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View/Edit County Hunters

View/Edit County Hunters

[Previous](#) [Top](#) [Next](#)

Purpose:

- To access the County Hunter database in various ways.



Buttons:

- Call:** Brings up the Enter Call window
Type the Call to display
- All Calls:** Brings up a grid with all County Hunters in your database, including previous Calls.
- State:** Brings up the **Enter State** window. Type or select a **State**
- Home County:** Brings up the **Enter State and Home County** screen.
Type or select the **State**; Type or select the **County**

- **City:** Brings up the **Enter State and City** screen
Type or select the **State**; Type or select the **City**
- **Add New Call:** Type the **New Call** and **OK**
Takes you to the **Call Edit** screen, Check calls web site on line, parse information – click **Add**.
If the parse fails, manually edit, or Highlight, Drag & Drop to correct.
- **New Calls:** Takes you to the **New Calls** screen. Displays the unknown Calls you have used that are not in the MARAC database. These may be good Calls, bad Calls, or mis-heard Calls
- **View/Edit Menu:** Returns you the [View/Edit Menu](#)
- **Main Menu:** Returns you to the [Main Menu](#)

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County Hunter - Call

County Hunter - Call

[Previous](#) [Top](#) [Next](#)

- **Call:** Brings up the Enter Call window
Type the **Call** to display
- **OK:** Appears if the Call is in the County Hunter database.
New Calls will be in the database and appear with no supporting information.
- **Help** - brings up this this screen
- **Cancel** - returns to the View/Edit County Hunters screen.

Click **OK** to open the **Call Edit** window
You may edit anything highlighted with yellow

- **New Call:** Appears if the Call is not in the County Hunter database
Click to open the **Call Edit** window
- **Check Web site:** Queries the web site for information about the New Call.
You must be on-line to the Internet to use this feature.
If the query is successful the blue box will fill in and the **Parse** button will appear.
- **Parse:** Transfers the information into Logger.
Note: If the name has more than three components you will have to manually insert the name.

- **ADD:** Adds the Call to your personal database
- **Change:** Saves the edit to the database
- **Delete:** Removes the Call from the database.
Note: You cannot delete a Call if it was used in any Books. You must first go to **View/Edit Log** and delete all contacts with the Call. You can only delete New Calls.
- **Cancel:** Restores to original and returns to the [View/Edit County Hunters](#) screen.
- **Email:** Brings up an Email window in your default email program.
- **Help:** Brings up this screen.
- **Exit:** Returns to the [View/Edit County Hunters](#) screen.

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County Hunter - All Calls

County Hunter - All Calls

[Previous](#) [Top](#) [Next](#)

- **All Calls:** Brings up a grid with all County Hunters in your database, including previous Calls. You can sort the table by clicking on the headers. Call ID s with numbers 100000 or greater are Calls you have added.
Click on a Call will take you to the **Call Edit** screen

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County Hunter - State

County Hunter - State

[Previous](#) [Top](#) [Next](#)

- **State:** Brings up the **Enter State** window. Type or select a **State**
- **OK:** Brings up a table of Calls located in the State.
Click a row and you are transferred to the **Call Edit** screen.
- **Cancel:** Returns to the [View/Edit County Hunters](#) screen

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County Hunter - Home County

County Hunter - Home County

[Previous](#) [Top](#) [Next](#)

- **Home County:** Brings up the **Enter State and Home County** screen.
Type or select the **State**; Type or select the **County**

- **OK:** Brings up a table of Calls located in the State.
Click a row and you are transferred to the **Call Edit** screen.

- **Cancel:** Returns to the [View/Edit County Hunters](#) screen

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County Hunter - City

County Hunter - City

[Previous](#) [Top](#) [Next](#)

- **City:** Brings up the **Enter State and City** screen
Type or select the **State**; Type or select the **City**
- **OK:** Brings up a table of Calls located in the City.
Click a row and you are transferred to the **Call Edit** screen.
- **Cancel:** Returns to the [View Edit County Hunters](#) screen

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County Hunter - Add New Call

County Hunter - Add New Call

[Previous](#) [Top](#) [Next](#)

- **Add New Call:** Type the **New Call** and **OK**
Takes you to the **Call Edit** screen,
Check calls web site on line, **Parse** information –
click **Add**.
If the parse fails, manually edit, or Highlight, Drag & Drop to correct.

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County Hunter - New Calls

County Hunter - New Calls

[Previous](#) [Top](#) [Next](#)

- **New Calls:** Takes you to the **New Calls** screen.
Displays the unknown Calls you have used that are not in the MARAC database. These may be good Calls, bad Calls, or mis-heard Calls

Similar Calls: Select a Call, then click **Similar Calls**; a list of Calls will appear that "sounds like" or has one character different. Click on one of the suggested alternatives and you can **Replace** the Call in your Log with the Call it should be.

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View/Edit County Hunters: Misc.

County Hunters Misc.

County Hunters Misc.

[Previous](#) [Top](#) [Next](#)

- **Purpose:**
To View and Edit various lists within Logger

Click on a **button** to view the list.

[Awards:](#)

[Big Rigs](#)

[YLS](#)

[Silent Keys:](#)

[Teams](#)

- **View/Edit Menu:** Returns you to the [View/Edit Menu](#)
- **Main Menu:** Returns you to the [Main Menu](#)

Awards:

Awards:

[Previous](#) [Top](#) [Next](#)

Brings up the **Select Award** screen
Type or select the **Award** to be viewed

- **OK:** Brings up the list
- **Add:** Allows you to add a **Call & Date** without downloading the latest County Hunter Master. **The Call must be in the County Hunter database before you can add an Award.** The Award must be later than your last update from Master

Note: Any changes made to **County Hunters: Misc. - Awards** will be overwritten when you update from the County Hunter Master.

- **Exit:** Returns to the [View/Edit - County Hunters Misc.](#) screen
- **Help:**

- **Cancel:** Returns to the [View/Edit - County Hunters Misc.](#) screen

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Big Rigs

Big Rigs

[Previous](#) [Top](#) [Next](#)

The list contains all the known Big Rigs, and their status;

Active – Yes:

The big rig box is activated on the Log Entry Fixed Screen so you can log the Call as a Big Rig.

Active – No:

The big rig box is set to **Inactive** so you cannot log the Call as a Big Rig

- **Add:** Allows you to add a Big Rig.

Click on a **Call** and **Delete** a **Call** you added
- **Exit:** Returns to the [County Hunters Misc.](#) screen
- **View/Edit Menu:** Returns you the [View/Edit Menu](#) screen
- **Main Menu:** Returns you to the [Main Menu](#) screen.

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YLS

YLS

[Previous](#) [Top](#) [Next](#)

Brings up the YL list.

- **Add:** Allows you to add a YL.

Click on a **Call** to **Delete** a **Call** you added
- **Exit:** Returns to the [View/Edit County Hunters Misc.](#) screen
- **View/Edit Menu:** Returns you the [View/Edit Menu](#)
- **Main Menu:** Returns you to the [Main Menu](#)

Silent Keys:

Silent Keys:

[Previous](#) [Top](#) [Next](#)

Brings up the Silent Key list.

- **Add:** Allows you to add a Silent Key.
- **Exit:** Returns to the [View/Edit County Hunters Misc.](#) screen
- **View/Edit Menu:** Returns you the [View/Edit Menu](#)
- **Main Menu:** Returns you to the [Main Menu](#)

Teams

Teams

[Previous](#) [Top](#) [Next](#)

Brings up the Teams list

- **Add:** Allows you to add a Team
Type Call 1 & Call 2 of the team

Note: The team can be OM/OM, OM/YL or YL/YL.
Logger will post to the OM/YL Team Book only if OM/YL.

- **Add:** Appends the new team to the list.

Click on a **Team** to **Delete** a **Team** you added

- **Cancel:** Returns to the [View/Edit - County Hunters: Misc. - Teams](#) screen.
- **Exit:** Returns to the [View/Edit County Hunters Misc.](#) screen
- **View/Edit Menu:** Returns you the [View/Edit Menu](#)
- **Main Menu:** Returns you to the [Main Menu](#)

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View/Edit Import Problems

Created with the Personal Edition of HelpNDoc: [What is a Help Authoring tool?](#)

Import Problems

Import Problems

[Previous](#) [Top](#) [Next](#)

- **Purpose:**
- To correct various errors in the Kwiklog conversion
See **Appendix A - Correct Import Problems**
- **Main Menu:** Returns you to the [Main Menu](#)

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How To

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Add

Created with the Personal Edition of HelpNDoc: [Write eBooks for the Kindle](#)

Add: Big Rig

Add: Big Rig

[Previous](#) [Top](#) [Next](#)

Instructions for **Adding a Big Rig** are found here:

[Find/Update: Big Rig List](#)

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Add: New Award Number

Add: New Award Number

[Previous](#) [Top](#) [Next](#)

Instructions for **Adding a new Award Number** are found here:

[Find/Update: Award Numbers Issued](#)

Add: New Call

Add: New Call

[Previous](#) [Top](#) [Next](#)

Purpose:

To add a **New Call** to the **Logger** databases:

Go to **View/Edit – County Hunters**.

Click **Add New Call**

Type the new **Call** in the **Enter New Call** frame

Click **OK** (or Hit the **Enter** key) - The **Call Edit** frame will appear.

If you are **On-Line** to the **Internet**:

Click **Check Web Site** – Information about the **Call** will appear in the blue box.

If this is **Not** who you expected, Click **Exit**, the **Call** will not be saved.

Click **Parse** – The information is transferred to **Logger**.

Note: If the name has more than 3 components – Type the name manually.

Click **Add** – The **Call** will be added the **Logger** databases.

If you are not **On-Line**:

Click **Add** - The **Call** will be added the **Logger** databases.

Note: Make a note of the **Call** so you can update the information later using

View/Edit County Hunters – Call.

Add: Silent Key

Add: Silent Key

[Previous](#) [Top](#) [Next](#)

Instructions for **Adding a Silent Key** are found here:

[Find/Update: Silent Key List](#)

Add: Team

Add: Team

[Previous](#) [Top](#) [Next](#)

Instructions for **Adding a Team** are found here:

[Find/Update: Teams List](#)

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Add: YL

Add: YL

[Previous](#) [Top](#) [Next](#)

Instructions for **Adding a YL** are found here:

[Find/Update: YL List](#)

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Apply for Awards

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Apply for Awards

Apply for Awards

[Previous](#) [Top](#) [Next](#)

When your Book Summary indicates you have finished a Book,

20 Meters	3077	0
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and you have completed any other requirements for an Award, it is time to submit your application for the Award.

Step 1. Mail your fees in advance if you want your award quickly.

Step 2. Go to **Print - Book** - select the book for the **Award**.

Fill in the **Award Information** about Plaques & Endorsements.

Click **View** to verify what you are about to send to the **Awards Manager**.

Step 3. If all is OK, click **Write to File**. This will create a file in your **C:\Logger Data** folder with the following format: - for example.

(Your Call) - Book - BINGO.txt

Step 4. Send an email to the Awards Manager explaining what you are applying for - include any other documentation required, and **Attach** the file you just created to your email.

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Change to my New Call

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Change to my New Call

Change your Call

[Previous](#) [Top](#) [Next](#)

If you change your **Call**, your Logger database needs to be re-named.

Steps:

1. Notify the MARAC Secretary of your **new Call**
2. Wait until the next update of the **County Hunter Master**
3. Download the updated **County Hunter Master**
4. Go to **Tools** and **Update from County Hunter Master**
5. Use **Windows** to change the name of your database from:
County Hunter – (Old Call).mdb to
County Hunter – (New Call).mdb
(Highlight the Old Call with the cursor, type the New Call)
6. Re-start Logger – locate the re-named database.

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Change my Default Settings

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Change my Default Settings: Color Scheme

Change my Default Settings: Color Scheme

[Previous](#) [Top](#) [Next](#)

If you have problems reading the Logger screens, you can customize the look to suit you preferences.

Go to **View/Edit Menu – Settings - Color Scheme**

Select Item frame - Select the option you need to change.

Screen Color:

Change the background color of all the screens.

Label Color:

Change the color of the frame label text.

Option Box Background Color:

Change the background color of the option boxes.

Option Box Text Color:

Change the color of the text in the option boxes.

Input Box Locked Background Color:

Change the background color of the locked input boxes.

Input Box Background Color:

Change the background of the input boxes

Input Box Text Color:

Change the color of the text in the input boxes.

The **Color Scheme** frame has three buttons:

Color Pallet:

Brings up the Color picker pallet.
Select your new color – Click **OK**

Reset:

Restores the colors to the last time you saved.

Set Defaults:

Restores the colors back to the Logger defaults.

Save:

Keeps the changes you just made.

Change my Default Settings: Band & Modes

Change my Default Settings: Band & Modes

[Previous](#) [Top](#) [Next](#)

Here is where you set the default Band & Mode used in the Logging screens, and allows you to set the alternative “Favorite” frequencies for the various Bands & Modes.

The Logger default frequencies are derived from common usage at the time and are subject to change as Band conditions vary.

Go to **View/Edit Menu – Settings – Bands & Modes**

Log Entry Default Settings frame:

Type or Select the **Band, Mode** and **Frequency** you wish to use as the default in the **Log Entry** screens.

Logger accepts the following **Modes**:

For voice:

AM	FM	PHONE	SSB
-----------	-----------	--------------	------------

For CW & Digital:

AMTOR	FSK31	MFSK8	PSK31
ATV	GTOR	MINIRTTY	PSK63
CLOVER	HELL	MT63	Q15
CW	HFSK	PACKET	RTTY
DATA	IMAGE	PACTOR	SSTV
FAX	MFSK16	PSK125	THROB

Favorite Frequencies frame:

As conditions change you may need to modify the default **Frequency** that appears when you select a different **Band & Mode** in the **Log Entry** screen.

Click on the **Frequency** box to be changed and edit to the new **Frequency**.

Bands and Modes frame:

Reset: Restores the **Frequencies** to your last **Save**.

Set Default Frequencies: Restores the **Frequencies** back to the original defaults.

Select 5 Band Award Bands: You can select any 5 Bands for the **5 Band Award**.

Set Default 5 Band: Returns 5 band selection to 10, 15, 20, 40 & 80

Save: Saves the changes to the Logger databases.

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Change my Default Settings: Settings Misc.

Change my Default Settings:
Settings Misc.

[Previous](#) [Top](#) [Next](#)

Here you can set various other defaults used in the **Logger** program.

Go to **View/Edit Menu – Settings – Settings Misc.**

MRC Card Size frame:

Select the size of the MRC Cards you are printing.

Logging Options frame:

Set the **Home County** if different from usual, like your summer cottage.
Place a checkmark beside **Use County Below** if you make this change.

You can set the default **Running Clock Mode** on the **Log Entry** screens. You can turn the feature **ON** by placing a checkmark beside:

Default to ‘Running Clock Mode - Mobile Logging and/or
Default to ‘Running Clock Mode - Fixed Logging

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Change my Default Settings: Tracked Books

Change my Default Settings:
Tracked Books

[Previous](#) [Top](#) [Next](#)

Here you can see a list of all **Books** that are currently tracked by the **Logger** program. Logger updates all Books in the list. Here you can select the ones you wish to be reminded of on the various screens.

Go to **View/Edit Menu – Settings – Tracked Books**

Select The Books You Want to Track. These Books will show up as possible **Needs**.

Place a checkmark by the **Books** you would like to see in the following screens.

Log Entry – Fixed – Needs List
View/Edit – Book Summary
Print - Needs

Click **Save** to store the changes in the **Logger** databases.

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Change my Spots Alert Sounds

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Change my Spots Alert Sounds

Change my Spots Alert Sounds

[Previous](#) [Top](#) [Next](#)

The alert sounds come from 2 files:

C:\Logger Data\ **Logger - Spots.wav** for the **Needs** alert

C:\Logger Data**Cannot Parse.wav** for a posting error in the spot contact.

These sound alerts can be substituted with other sounds that better suit your desires.

You can use "Goggle" to find other sounds. Save the new sound to your **Logger Data** folder and change the name to one of the above names.

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Create a Backup & Compact Database

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Create a Backup & Compact Database

Create a Backup & Compact Database

[Previous](#) [Top](#) [Next](#)

From the **Main Menu** select **Tools**

On the **Tools** screen click - **Backup & Compact Database.**

On the **Backup & Compact Database** frame you will see a list of the **Backups** you have made.

- **OK** – Creates two backup files in the same folder as your original files.
County Hunters – Common – Backup – 000X.mdb and
County Hunter – (Your Call) – Backup – 000X.mdb

Note: As the list of backups will get longer - delete all but 2 or 3 using Windows.

- **Hide or Cancel** – Returns you to the **Tools** screen.

Note: After doing an **Update From Master** you need to **Backup and Compact Database** to do certain housekeeping functions required by the **Logger** databases.

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Restore a Backup

Restore a Backup

[Previous](#) [Top](#) [Next](#)

If you suspect your files became corrupted for some reason, like a power black-out while logging, you can **Restore** your databases from your **Backups** to a previous **Date & Time**.

Use **Windows** to find and **Delete** your original files:

County Hunters – Common.mdb
County Hunter – (Your Call).mdb

Then use **Windows** to **Edit** the file names of a **Backups** back to the original names.

County Hunters – Common [- Backup – 000X].mdb to:
County Hunters – Common.mdb

County Hunter – (Your Call) [- Backup – 000X].mdb to:
County Hunter – (Your Call).mdb

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Deal with New Calls

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Review New Calls you have added

Review New Calls you have added

[Previous](#) [Top](#) [Next](#)

Review the New Calls you have added to your database

Go to **View/Edit – County Hunters – All Calls**

All **New Calls** you have added will have a **Call ID#** above **100,000**.

Call ID	Call	Last Name	First Name
100011	AH6TM	Carlson	Christopher
100008	AE4NR	Marsteller, SR	Richard
100007	AE1B	Douid	John
100004	AB5EB	CROWNOWER	ROY
100002	AB2BX	Chiappetta	Mario
100000	AA4HF	Frye, Jr	Harvey
006829	K8CSI	Mille	Gerald
006828	N1WQ	Madimirov	Pavel
006827	K4ZGB	Hardison	Thomas
006826	W9ELI		Lilly Amateur

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Remove New Calls from the New Calls List

Remove New Calls from the New
Calls List

[Previous](#) [Top](#) [Next](#)

New Calls are Calls in your Log not found in the MARAC database and no information about the Call is known. These may be bad calls, mis-heard calls or good calls that need additional information.

NOTE: You cannot **Delete** a bad **New Call** if it is used in your Log. You must delete the Log entries first.

Go to **View/Edit – County Hunters – New Calls**

The list shows the **New Calls** and the number of occurrences in your Log.

Similar Calls	New Calls	
Call	QSO Records	▲
W4AFT	0004	
WA40AB	0003	
WD6AJQ	0003	
W4/G4B	0003	
WJ2L	0003	
SM4XXX	0002	
W07BE	0002	

Click on a **New Call** to select it

Click on **Similar Calls** to check if you mistyped the Call.

Click on replacement Call – It has to be in your database – Click **Replace Call**

Click on **New Calls** to refresh list

Click on **New Call** to select it

Click on **Check Web Site – Parse** – edit if necessary

Click on **Save Data** – this will remove the Call from the **New Calls List** and update your database.

Note: If the Call is not on the Web Site, see Troubleshooting - [Call not on Web Site](#)

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Delete an unwanted New Call

Delete an unwanted New Call

[Previous](#) [Top](#) [Next](#)

If the Call is not on the Web Site, see Troubleshooting - [Call not on Web Site](#)

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Duplicate a previously received handwritten MRC

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Duplicate a previously received handwritten MRC

Duplicate a previously received handwritten MRC

[Previous](#) [Top](#) [Next](#)

Duplicate a previously received handwritten MRC

Before you can duplicate any MRC your Log must be complete.

Go to the **View/Edit- Menu** screen, Click **MRC**

On the **View/Edit/Print MRC** screen – Click **Book**

In the **Select Book** frame – Click **OK** for the book you are using.

The next frame shows all the **Calls** you have contacted, the **Count** of contacts with that Call and the number of counties **Sent** on previous MRCs. The **Running Count** is the total number of contacts, including duplicates.

Click on the **Call** that s on the **MRC** you need to duplicate. You will see a list of contacts with this **Call** that have not been confirmed

Call	Date	State	County	MRC/QSL Number	MRC/QSL Date Sent	MRC Date Returned
N6PDB	02/07/05	AZ	Gila			
N6PDB	02/07/05	AZ	Graham			
N6PDB	10/09/08	NE	Greeley			
N6PDB	02/08/05	NM	Hidalgo			
N6PDB	02/13/05	TX	Bee			
N6PDB	02/11/05	TX	Coke			
N6PDB	02/13/05	TX	Karnes			
N6PDB	02/12/05	TX	Real			
N6PDB	02/15/05	TX	Waller			
N6PDB	10/09/04	WV	Harrison			

Say the hand written **MRC** is for Feb. 2005 and has 10 contacts. You only see 8 contacts that match the **MRC**. That means 2 counties are already confirmed and you don t need to confirm them again.

Click on the first February contact and click **Edit**. Select the next available MRC number and click **ADD NEW**

Enter New MRC or
Select From First
10 Available

69

Add New

Click on the next February contact – click **Edit**. Select the same number and click **ADD TO**

N6PDB MRC's
Existing

69

Add To

Continue until all 8 contacts for February have the same MRC number.

Call	Date	State	County	MRC/QSL Number	MRC/QSL Date Sent	MRC Date Returned
N6PDB	02/07/05	AZ	Gila	69		
N6PDB	02/07/05	AZ	Graham	69		
N6PDB	10/09/08	NE	Greeley			
N6PDB	02/08/05	NM	Hidalgo	69		
N6PDB	02/13/05	TX	Bee	69		
N6PDB	02/11/05	TX	Coke	69		
N6PDB	02/13/05	TX	Karnes	69		
N6PDB	02/12/05	TX	Real	69		
N6PDB	02/15/05	TX	Waller	69		
N6PDB	10/09/04	WV	Harrison			

Now click on the first row that has the MRC number (AZ Gila) and click **EDIT**.

Fill-in a **Sent Date** and a **Returned Date**. If you don't know use 7 days after the last contact for the Sent Date and 14 days after for the Returned Date.

Click *Change*.

The 8 contacts on the MRC are now confirmed. N6PDB now shows 2 counties remaining to confirm.

Call	Date	State	County	MRC/QSL Number	MRC/QSL Date Sent	MRC Date Returned
N6PDB	10/09/08	NE	Greeley			
N6PDB	10/09/04	WV	Harrison			

Go to the next MRC that needs duplicating.

To check the confirmation status – click on **View By – MRC** and look at MRC # 69

MRC ID	Call	Counties	Status
69	N6PDB	8	Returned

Or go to **Print – Book – USA-CA – AZ – Gila**

Locomote	N6PDB	N/A	M	M	02/24/04	20	SSB	69 R 06/12/04
Gila	N6PDB	N/A	M	M	02/07/05	20	SSB	69 R 03/01/05
...

Edit/Post a Mobile Run Grid

Edit/Post a Mobile Run Grid

Edit/Post a Mobile Run Grid

During a Mobile Run the contacts are not posted to your log until after you have a chance to look over the contacts and make any changes necessary.

As each contact is made the information is added to the **Grid**. **New Calls** are highlighted with **Yellow**. These Calls are not in the **Logger** database.

To make changes to a contact, click anywhere in the row to highlight that row. The **Delete**, **Edit** and **Cancel** buttons will appear when you highlight a row.

Delete removes the contact from the **Grid**.

Edit moves the contact information up to the **QSO** frame.

The **Edit** button also brings two new buttons – **Similar Calls** and **Change**.

Make changes in the **QSO** frame and hit the **Change** button (or hit the Enter key); the edited information will transfer back to the **Grid**.

Similar Calls gives you several options for correcting a **New Call**. If you decide to keep the **New Call** click the **Cancel** button and the information will be moved back to the **Grid** without any changes and the **Yellow** highlight will be removed.

Note: If you **Cancel** the **New Call** will be kept and logged. You need to make a note of the **Call** so later you can go to **View/Edit – County Hunters – Call** and add information about the **Call**.

When the information in the **Grid** is satisfactory, Click on the **To Log** button or use the alternate key stroke "**Alt + L**".

The **To Log** button logs each row in the **Grid** to your log. Any contact will be posted to your **Books** as your **Needs** require. **New Calls** will be added to the **New Calls** list.

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Export

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Export

Export

[Previous](#) [Top](#) [Next](#)

See **Appendix A**

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Filter a Book

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Filter a Book

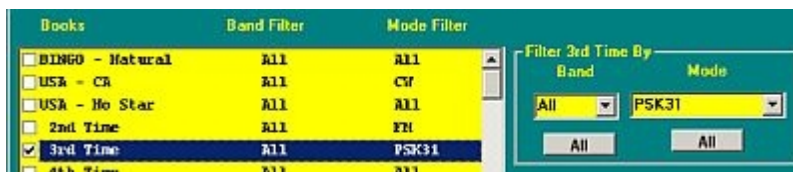
Filter a Book

[Previous](#) [Top](#) [Next](#)

You can "customize" any of the Books (except Xmitted Counties) with a filter for **Band & Mode**. For **Xmitted Counties** see **Appendix G**

To initially set up the Book, you must **Recalculate** the Book using the desired Band & Mode.

Go to **Tools - Recalculate - Book** - Type or select the filter with the drop down selection.



Note: To see your "Filtered Needs" for **Xmitted Counties** use **Print - Needs - Xmitted Counties** - select the desired filter - **View**.

Your "Books" will now show only the contacts that fit the filter:

Call	My County	Date	Time	Frequency	Band	Mode	My RST
AB0YM	CO Douglas	11/18/2005	23:20	7.071	40	PSK31	599

To reverse the filter, **Recalculate** with **ALL - ALL**

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Find/Update

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Find/Update: Award Numbers Issued

Find/Update: Award Numbers Issued

[Previous](#) [Top](#) [Next](#)

Go to **View/Edit - County Hunters: Misc.**

Click the **Awards** button

In the **Select Award** frame – type or select the **Award** you wish to review.



The list is kept up-to-date when the **County Hunter Master** is downloaded and the **Update from Master** performed.

View/Edit: BINGO (321 Records)

Call	Number	Date
K9AAA	321	8/15/2010
KB9MGI	320	8/14/2010
WY7LL	319	8/11/2010
KB9YVT	318	7/9/2010
AA1VA	317	6/18/2010
WB9NUL	316	3/31/2010
K4YT	315	3/15/2010

Add allows you to add a new **Call** and **Date** if the web site version is out-of-date. The **Call** must be in your **County Hunter** database before you can add a number.

Delete allows you to remove a **Call** and **Date** you added.

Exit returns you to the previous screen

Note: If the **Call** and **Date** is for your new **Award**, you will find a new “Nth” **Book** in your **Tracked Books** next time you start the **Logger** program.

Related Topic:

[Update from the County Hunter Master](#)

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Find/Update: Big Rig List

Find/Update: Big Rig List

[Previous](#) [Top](#) [Next](#)

Go to **View/Edit - County Hunters: Misc.**

Click the **Big Rig** button.

The **View/Edit Big Rig** frame shows the list of recognized **Big Rigs** with current status. Click on a **Call** and you can change the “**Active**” status to “**Yes**” or “**No**”. You cannot log a Big Rig with the Active status set to No.

The list is kept up-to-date when the **County Hunter Master** is downloaded and the **Update from Master** performed.

Add allows you to add a new **Big Rig** if the web site version is out-of-date.

(Call must be in the **County Hunters - Call** list before adding to **Big Rig** list)

Delete allows you to remove a **Big Rig** you added.

Exit returns you to the previous screen

Related Topic:

[How To: Update: From the County Hunter Master](#)

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Find/Update: Information about County Hunters

Find/Update: Information about
County Hunters

[Previous](#) [Top](#) [Next](#)

Go to **View/Edit - County Hunters**

This screen gives you various ways to find information about your fellow **County Hunters**.

By **Call**:

Click **Call** and the **Enter Call** frame appears.

Type the **Call** in the box and click **OK**, the **Call Edit** frame will appear.

Here you will see listed all the information about the **Call**, such as:
Name, address, home county, email address and **Awards**

The list is kept up-to-date when the **County Hunter Master** is downloaded and the **Update from Master** performed.

You may **Edit** any **New Call** you added, or temporarily **Edit** any yellow highlighted field that is not correct in the **Logger** databases.

Please notify the **Awards Manager** of any permanent change that needs to be made to your personal information.

Check Web Site is used if you did not follow the **Add New Call** procedure.

Change will save the edit to the **Logger** databases.

Delete is permanent only if the **Call** is one you added.

Email: Brings up an Email window in your default email program.

Exit returns you to the **View/Edit - County Hunters** screen.

All Calls:

Displays a table of all Calls in the database.
Click on a Call you will be taken to the **Edit Call** screen.

Click on someone's old Call, you will be reminded the Call has changed. Click **OK**, you will be taken to the **Edit Call** screen with their new Call.

By State:

Click **State** and the **Enter State** frame appears.
Type or select the **State**
A **Grid** will appear with all the **County Hunters** in the **State**

Click a row in the **Grid** and the **Call** will be transferred to the **Call Edit** frame as above.

By Home County:

Click **Home County** and the **Enter State and Home County** frame appears.
Type or select the **State**, type or select the **Home County**.
A **Grid** will appear with all the **County Hunters** in the **State and County**

Click a row in the **Grid** and the **Call** will be transferred to the **Call Edit** frame as above.

By City:

Click **City** and the **Enter State and City** frame appears.
Type or select the **State**, type or select the **City**.
A **Grid** will appear with all the **County Hunters** in the **State and City**

Click a row in the **Grid** and the **Call** will be transferred to the **Call Edit** frame as above.

Find/Update: Silent Key List

Find/Update: Silent Key List

[Previous](#) [Top](#) [Next](#)

Go to **View/Edit - County Hunters: Misc.**

Click the **Silent Keys** button

The **View/Edit: Silent Keys** frame shows the list of recognized **Silent Keys**.

The list is kept up-to-date when the **County Hunter Master** is downloaded and the **Update from Master** performed.

Add allows you to add a new **Silent Key** if the web site version is out-of-date.

Delete allows you to remove a **Silent Key** you added.

Exit returns you to the previous screen

Related Topic:

[Update from the County Hunter Master](#)

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Find/Update: Teams List

Find/Update: Teams List

[Previous](#) [Top](#) [Next](#)

Go to **View/Edit - County Hunters: Misc.**

Click the **Teams** button.

The **View/Edit: Teams** frame shows the list of recognized **Teams**.

Note: A Call can be a member of only one team. If you need to change a team you need to **Delete** the old team first, then **Add** the new team.

Add allows you to add a new **Team**

Delete allows you to remove a **Team**.

Exit returns you to the previous screen

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Find/Update: YL List

Find/Update: YL List

[Previous](#) [Top](#) [Next](#)

Go to **View/Edit - County Hunters: Misc.**

Click the **YLS** button.

The **View/Edit: YLS** frame shows the list of recognized **YLS**.

The list is kept up-to-date when the **County Hunter Master** is downloaded and the

Update from Master performed.

Add allows you to add a new **YL** if the web site version is out-of-date.

Delete allows you to remove a **YL** you added.

Exit returns you to the previous screen

Related Topic:

[Update from the County Hunter Master](#)

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Find Information about MARAC Officers

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Find Information about MARAC Officers

Find Information about MARAC
Officers

[Previous](#) [Top](#) [Next](#)

Go to **View/Edit – MARAC**

This screen allows you to look up information about the current **Officers**.

President: Brings up the President frame.
Displays information and Awards for this Call

Email: Brings up an Email window in your default email program.

The Email will be sent through your default Email program.

Cancel: Returns you to the President frame.

Exit: Returns to the View/Edit MARAC screen.

Vice President: Brings up the Vice President frame.
Same as for President above.

Secretary: Brings up the Secretary frame.
Same as for President above.

Treasurer: Brings up the Treasurer frame.
Same as for President above.

District Director: Brings up the Your District Director frame.
Same as for President above.

Awards Manager: Brings up the Award Manager frame.
Same as for President above.

Roadrunner Editor: Brings up the Roadrunner Editor frame.
Same as for President above.

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Import

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Import

Import

[Previous](#) [Top](#) [Next](#)

See **Appendix A**

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Install Logger on a Second Computer

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Install Logger on a Second Computer

Install Logger on a Second
Computer

[Previous](#) [Top](#) [Next](#)

Information on how to **Install Logger on a second computer** is found here:

Appendix D - Troubleshooting - Using Logger on more than One Computer

Includes:

How to keep two computers synchronized with each other.

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Log Net Control Hours

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Log Net Control Time

(Not operational yet)

Purpose:

- To track accumulated time as Net Control or assisting mobiles to run their Counties. The hours accumulated count toward the Master Gold Award.

Note: As you enter this screen you will be connected to the W5UGD Chat Site so you can automatically post the mobile runs to the web site and Logger Spots.

Two Methods:

1. **By Net Time** - collect hours and minutes when a formal net is in operation and you are acting as **Net Control** or **Assistant Net Control**. You must be operating "live" with the Running Clock ON.
2. **10 Minutes per Mobile** when you jump on frequency and assist a mobile to complete his run. This method may be used with the Running Clock ON, or used for posting from "old" assist logs.

By Net Time:

You start the clock accumulating time using the **Start Button**



The clock will continue to accumulate time as long as you are actively running mobiles. To keep the clock running during lull periods, you must click **Reset Timer** every **10 minutes**, or the net activities will be considered ended and the accumulation will stop automatically.



At the end of a formal net session, you end the accumulation of time with the **Stop Net** button



To run a mobile - type the **Call** - Tab - type the **State & County(s)** - the **Mobile Start** button will appear - click to start the run



The **Start Date** and **Start Time** will fill in.

When you start the mobile you are asked if you want to post to the W5UGD Spot page. Click **Yes** or **No** (No is the "Enter" default)



Note: If you work the mobile as a contact for your own log, you must fill-in the RSTs, click **Log to Your Call** before the run is over.



Click **Stop** at the end of the mobile run. **Stop Date** and **Stop Time** will be recorded.

List of Mobiles:

For the convenience of running a "net", or assisting a mobile, Logger keeps a list of the mobiles in the order they should be run. The order runs from top to bottom.

After a mobile is run he/she goes to the bottom of the list.

A mobile can be "**Added**" to the bottom of the list.

List Of Mobiles								
Number	Call	Start Date	Start Time	Stop Date	Stop Time	Names	State & County	Hold or Active
1	W07A	04/21/10	04:20	04/21/10	04:21	Terry	WA Benton	
2	W0NAC	04/21/10	04:24	04/21/10	04:25	Matt	CO Delta	
3	KD5CXD	04/21/10	04:25	04/21/10	04:32	Tim	AL Baldwin	
4	KD9ZP	04/21/10	04:33	04/21/10	04:40	Gene	WI Adams	
5	W7GQK							

You can modify the order as circumstances dictate by selecting a **Call** and moving it up or down the list.



To run a mobile from the list - click on the **Call** - it will be transferred to the **Mobile Run** frame.

10 Minutes per Mobile Run

Similar to above, but there is no timer and no formal "net".

You get 10 minutes credit in your Net Control Time log for each mobile assisted.

No credit is given for "standing by" the computer.

When operating with the Running Clock ON, you may fill in the RSTs and log the contact to your regular Logger files.

When logging from "old" records, you cannot fill in the RSTs and post to your regular Logger files.

Your accumulated hours for the **Master Gold Award** may be viewed by going to **Print - Book - Net Control Time**.

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Navigate the Logging Screens

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Navigate the Logging Screens

Navigate the Logging Screens

[Previous](#) [Top](#) [Next](#)

For speed, **Logger** is designed to use the **Tab** key for entering information in the various fields. Alternately, you can use the **Numeric Keypad "+"** as substitute for **Tab** on the **Fixed** screen.

Note: The following "F" keys will change the Mode, Band and corresponding Frequency:

"F2" – 20 Meters		"F6" – PSK31	
"F3" – 30 Meters		"F7" - SSB	
"F4" – 40 Meters		"F8" – CW	

NOTE: Even though the TAB key (or + key) is probably the fastest way to navigate from one field to another, you can click with the mouse on any field to edit it out of sequence. You can also use the SHIFT - TAB key combination to go back one field if you wish.

For Logging Fixed contacts:

Go to **Log Menu - Fixed**

Logging Fixed "after-the-fact" with the **Running Clock Mode** unchecked:

Check **Date** - change and/or

TAB - type **Time**

TAB - type two letters for **State**

TAB - type beginning letters of **County** until correct

TAB - type beginning letters of **second County** and/or **TAB** a second time
(Your Needs should show if checked in Settings)

Type Call – **TAB** – Needs should highlight if contact needs to be worked.

Hit **Spacebar** if Call is in a **Big Rig**,

Hit **Enter** if everything else is **OK**

TAB - change **My RST** if incorrect - Hit **Enter** if everything else is **OK**

TAB - change **His RST** if incorrect - Hit **Enter** if everything else is **OK**

TAB - change **Operation** if incorrect - Hit **Enter** or **TAB** to **Mode**
(**TAB** – Hit spacebar if team member needs to log contact – Hit **Enter** or **TAB** to **Mode**)
Change **Mode** if needed
TAB – change **Band** if necessary
TAB – change **Frequency** if necessary

Logging Fixed “live” with the Running Clock Mode checked:

Date and **Time** are set from your computer clock
Check **Mode, Band & Frequency** –
 To change - Click in **Mode** box - change
 TAB - change **Band** if necessary
 TAB - change **Frequency** if necessary
TAB - type two letters for **State**
TAB - type beginning letters of **County** until correct
TAB - type beginning letters of **second County** and/or **TAB** a second time
Type Call – **TAB** – Hit **Spacebar** if Call is a **Big Rig**,
 Hit **Enter** if everything else is **OK**
TAB - change **My RST** if incorrect - Hit **Enter** if everything else is **OK**
TAB - change **His RST** if incorrect - Hit **Enter** if everything else is **OK**
TAB - change **Operation** if incorrect - Hit **Enter** or **TAB** to **Mode**
(**TAB** – Hit spacebar if team member needs to log contact – Hit **Enter** or **TAB** to **Mode**)
Change **Mode** if needed
TAB – change **Band** if necessary
TAB – change **Frequency** if necessary

For Logging Mobile contacts:

Go to Log Menu – Mobile Run

Logging Mobile “live” with the Running Clock Mode checked:

Date and **Time** are set from your computer clock
Check **Mode, Band & Frequency** -
 To change - Click in **Mode** box – type change
 TAB - change **Band** if necessary
 TAB - change **Frequency** if necessary
TAB - Type 2 letters of your **State**
TAB - type beginning letters of your **County** until correct
TAB - type beginning letters of **second County** and/or **TAB** a second time
Type Call – **TAB** - Hit **Spacebar** if Call is in a **Big Rig**
(**TAB** – Hit spacebar if team member is present)
Enter if everything else is **OK**, contact goes to the **Grid**
TAB - change **My RST** if incorrect - Hit **Enter** if everything else is **OK**
TAB - change **His RST** if incorrect - Hit **Enter** if everything else is **OK**
TAB – Hit spacebar if you are sure contact is in their Home County
(If the **Operation** is “**M**” or “**P**” continue)
TAB - change **Operation** to “**M**” or “**P**”
TAB - type 2 letters of his State

TAB - type beginning letters of his **County** until correct - Hit **Enter** if everything else is **OK**

TAB - type beginning letters of **second County** - Hit **Enter**, contact goes to **Grid**.

(The **Time** of the contact is taken from your computer clock)

Alternate key stroke for Post to Log is "**Ctrl + Enter**"

Logging Mobile "after-the-fact" with Running Clock Mode unchecked:

Check **Mode, Band & Frequency** -

To change - Click in **Mode** box - change

TAB - change **Band** if necessary

TAB - change **Frequency** if necessary

TAB - type 2 letters of your **State**

TAB - type beginning letters of your **County** until correct

TAB - type beginning letters of **second County** and/or **TAB** a second time

Type - **Start Date**

TAB - type the **Start Time**,

TAB - the **Stop Date** will fill-in. The **Stop Time** defaults to a 10 minute duration.

(The 10 minute duration may be altered by typing the actual **Stop Time**)

(The **Time** of the contact will be spread out equally across the duration)

TAB - type **Call** - **TAB** Hit **Spacebar** if Call is in a **Big Rig**,

Hit Enter if everything else is **OK**, contact goes to the **Grid**

TAB - change **My RST** if incorrect - Hit **Enter** if everything else is **OK**

TAB - change **His RST** if incorrect - Hit **Enter** if everything else is **OK**

TAB - Hit spacebar if you are sure contact is in their Home County

(If the **Operation** is "**M**" or "**P**" continue)

TAB - change **Operation** to "**M**" or "**P**"

TAB - type 2 letters of his State

TAB - type beginning letters of his **County** until correct

TAB - type beginning letters of **second County** - Hit **Enter**, contact goes to **Grid**.

Alternate key stroke for Post to Log is "**Ctrl + Enter**"

Note: If the contact is with another mobile, the **Books** will be updated if the contact fills any of your **Needs**.

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Print/Post MRCs

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Print/Post MRCs

Print/Post MRCs / QSLs

[Previous](#) [Top](#) [Next](#)

Logger will print and track MRCs /QSLs for your USA-CA Book. Each MRC or QSL is tracked by a unique number. The status of each includes the ID number, Call, number of contacts, date Sent and Date Returned. A "Returned" MRC confirms all contacts on the

MRC

The QSL feature is used create and record a QSL number whenever you receive a QSL and need to use it for a confirmed County. When you receive a QSL Card from someone, you can use Logger to create a QSL record, enter a **Received Date and Confirm the County**.

You may create an MRC/QSL two different ways: You can use the “**Create New MRC/QSL**” button and Logger will automatically place 10 contacts on each new MRC until all contacts for a Call are used. Or, you may use the “**Edit**” button and manually place each contact on the MRC. ID numbers will always be the next higher number available. MRC numbers run from 1 up; QSL numbers run from 100001 up.

Method 1 is for creating new MRCs;

Method 2 is for duplicating (or Editing) existing MRCs.

To Create a MRC/QSL:

Method 1: Using the “Create New MRC/QSL” button:

Go to the **View/Edit- Menu** screen, Click **MRC**

On the **View/Edit/Print MRC** screen – Click **Book**

In the **Select Book** frame – Click **OK** for the book you are using.



The next frame shows all the **Calls** you have contacted, the **Count** of contacts with that Call and the number of counties **Sent** on previous MRCs. The **Running Count** is the total number of contacts, including duplicates.

Call	Count	Sent	Running Count
AC0HW	2	1	816

Click on a row where the **Count** is greater than the **Sent**, a new frame will show all the contacts with that **Call** and the MRC status of each contact.

Call	Date	State	County	MRC/QSL Number	MRC/QSL Date Sent	MRC Date Returned
AC0HW	05/18/09	TX	Mills	150	06/01/09	
AC0HW	06/20/10	UT	Emery			

Click on a row without an MRC/QSL number.

Call	Date	State	County	MRC/QSL Number	MRC/QSL Date Sent	MRC Date Returned
KD6HWD	06/24/10	CA	Inyo			
KD6HWD	06/24/10	CA	Mono			
KD6HWD	07/29/10	OK	Atoka			
KD6HWD	07/29/10	OK	Coal			
KD6HWD	05/18/09	TX	Blanco	152	06/01/09	
KD6HWD	04/17/10	TX	Falls			

Click the new button that appeared “**Create New MRC/QSL**”. On the next frame

you can choose **MRC**, **QSL** or **Cancel**.



Choose **MRC**, the program will assign an MRC number to the next 10 contacts that do not have an MRC number, then increment to the next higher MRC number if more than 10 contacts need to be printed. (This is for a Setting of MRC size 3 x 5)

If you are not going to mail the MRC today - Press **Cancel**



The Print preview allows you to review the MRCs; click the **Print icon** to print. (Note: the **Export icon** is not used in Logger)

To Call: K7KWO		From Call: KD6HWD		MRC #: 187			
MARAC Number: R-02703							
No	State	County	Date	Time	RST	MHZ	Mode
1	TX	Falls	4/17/2010	18:04	22	14.336	SSB
2	CA	Inyo	6/24/2010	16:48	33	14.336	SSB
3	CA	Mono	6/24/2010	20:42	44	14.336	SSB
4	OK	Coal	7/29/2010	21:17	33	14.336	SSB
5	OK	Atoka	7/29/2010	21:17	33	14.336	SSB

Printed By Logger: 11/19/2010 Signature: _____

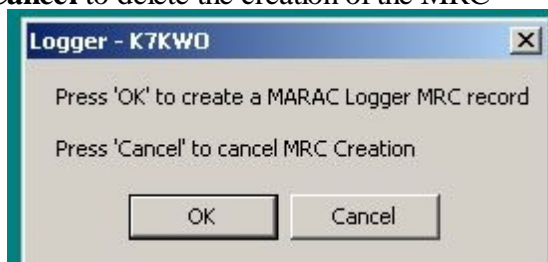
See the Next Help Topic for instructions for setting up your printer for printing MRCs.

Note: If your printer will not accept 3 x 5 card stock, use 8 1/2 x 11 stock, print, flip over, print, rotate end to end, print, flip over, print. That will print 4 MRC per page. Trim to standard QSL Card size; 3 1/2 x 5.

After printing the MRCs, click the “X” to close the screen.

Press **OK** to create the MRC.

Press **Cancel** to delete the creation of the MRC



You can add the **Sent & Returned Dates** later by selecting the MRC and press **EDIT**

When you receive a **QSL Card** only from a contact, you need to assign it a number, a "dummy" **Sent Date** and a "Returned" (**Received**) Date to confirm the contact. Select the **Call** in the Book List

Call	Count	Sent	Running Count
KB3ITJ	1	0	876

Select the County on the QSL Card.

Call	Date	State	County	MRC/QSL Number	MRC/QSL Date Sent	MRC Date Returned
KB3ITJ	04/17/09	PA	Erie			

Choose **QSL**, the program will assign a QSL number to the row you clicked. **Write this number on the QSL Card.** A record of the QSL will print for your records (an option) and allow you to fill in the Sent date after closing the print preview. The Returned date will confirm the QSO in your database.

Method 2: Using the "Edit" button to assign MRC numbers:

Method 2 is useful for duplicating hand written MRCs that were not created within Logger. This assigns an MRC number to the card and allows you copy all the contacts on the card and to enter a **Sent & Returned** Date so Logger will know the MRC is "**Confirmed**".

Go to the **View/Edit- Menu** screen, Click **MRC**

On the **View/Edit/Print MRC** screen – Click **Book**

In the **Select Book** frame – Click **OK** for the book you are using.

The next frame shows all the **Calls** you have contacted, the **Count** of contacts with that Call and the number of counties **Sent** on previous MRCs. The **Running Count** is the total number of contacts, including duplicates.

Click on the **Call** that matches the call on the MRC you need to duplicate, a new frame will show all the contacts with that **Call** and the MRC status of each contact.

This method allows you to create an MRC row-by-row. Click on a row without an MRC number that matches your MRC in-hand. Click **Edit**

Call	Date	State	County	MRC/QSL Number	MRC/QSL Date Sent	MRC Date Returned
K4YT	04/13/10	KY	Clinton	4	04/13/10	
K4YT	09/09/10	MD	Baltimore City			
K4YT	09/09/10	MD	Prince George's			
K4YT	09/09/10	NJ	Bergen			
K4YT	04/15/10	TN	Clay	5	04/15/10	
K4YT	04/15/10	TN	Macon	6	04/15/10	
K4YT	04/13/10	TN	Pickett	3	04/13/10	
K4YT	04/15/10	TN	Trousdale	7	04/15/10	

For the first row you “**Enter New MRC number or Select From the First 10 Available**” in the drop down list. Click **Add New**.



Write **this number** on the MRC you have.

To add another contact to the MRC, click the row and select “**Existing**” number from the drop down list. Click **Add To**.



Continue adding contacts until the new MRC matches the one you have on hand.

Now click on the first row that has the new MRC number and click **Edit**.

Fill-in a **Sent Date** and a **Returned Date**. If you don't remember use 7 days after the last contact for the Sent Date and 14 days later for the Returned Date. Click **Change** - the MRC is now **Confirmed**.

To Print the "dummy" MRC using this method you must select a row with the new MRC number and click **Reprint**.

Edit or Delete an MRC

Click on a row with an MRC number. Click on the **Edit** button.

This will bring up the “**Edit MRC**” frame where you can add or change the **Sent** date, **Returned** date, or **Delete** the entire MRC.

Posting a returned MRC/QSL

On the **View/Edit/Print MRC** screen - Click the button **Post MRC** or **Post QSL**.

In the **Select MRC** or **Select QSL** frame, select the number of the returned MRC/QSL. – Click **OK**

Type the Date Returned – Click **OK**

All the contact(s) on the MRC/QSL will be confirmed in your database.

Setting up the Printer

Setting up the Printer

[Previous](#) [Top](#) [Next](#)

Setting up the printer for printing MRCs

Use 8.5 x 11 card stock.

Go to **View/Edit - Settings - Settings Misc**. Click "**3 x 5 Index Card**" - "**Save**"

Go to **Main Menu - Print - MRC - Test Print MRC**

Settings: (May be slightly different on your printer)

Top Margin 0.2

Left Margin 0.2

Bottom Margin 8.3

Click "**Print & Save**"

Click the "**Print**" icon in upper left corner of screen.

(Next steps may be slightly different on your printer)

Select your printer and click "**Preferences**"

Quality - Print Quality = Normal

Paper Type = Card Stock

Layout - Paper Size = 8.5 x 11

Orientation = Landscape

Click "**OK**" and "**Print**"

If the test print printed OK, you are set to create your MRCs

Note: You may have to go through Printer Preferences for each MRC.

You can print 4 MRCs on each sheet of card stock:

Using **Landscape**, print 1 MRC;

Rotate card stock and print the second MRC in the opposite corner;

Flip the card stock over and print the third MRC on the back side.

Rotate card stock and print the fourth MRC in the opposite corner.

Cut the MRCs to the standard QSL card size; **3 1/2 inches x 5 inches**.

Print

Print: Book or Send Book to the Awards Manager

Print: Book or Send Book to the Awards Manager

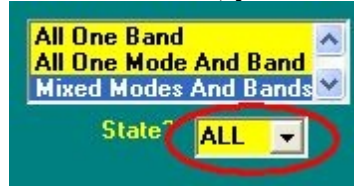
[Previous](#) [Top](#) [Next](#)

Go to **Print – Book**

This screen allows you to pick the **Book** you wish to **View, Print, Save** or send to the **Awards Manager**.

In the **Select A Book** frame – Click on the **Book** to work with. The Books listed may be changed in the [View/Edit - Settings](#) screen.

Note: For **Xmitted Counties - RAS**, you can select **ALL** or select a **State**.



For **Viewing, Printing** or **Saving** to a file – In the **Report** frame - Click **VIEW**. You may use this feature at anytime to check your current status.

Logger will calculate the **Book** and display the results in a separate window. You will see the list of **Counties Worked** and the number **Needed** in each **State**.

You may **Print** this document by using the **Print Icon** in the upper left corner of the screen.

(Note: the **Export** icon is not used in Logger)

Note: when applying for the **USA-CA Award** make sure all the counties have an **MRC/QSL number** and the **Returned Date** for the **MRC/QSL**

```
03/31/88  20  SSB  100303 R 04/14/88
07/17/88  20  SSB  100303 R 07/21/88
```

"R" means the County is **confirmed**.

For sending an **Award Application** to the **Awards Manager** –
Click **Write to File**

Use this feature when you have completed all 3077 Counties.

The **Logger** program will calculate the text document and store it on your computer as **C:\(Your Call) – Book – (Award Name).txt**. - Click **OK** and **Hide**.

Fill out the **Award Information** frame with the desire for a **Plaque** or not, and the **Band/Mode Endorsements** and any **Other Endorsements**.

Check the **Make Corrections As Needed** frame for your correct personal information.

You are now ready to send the **Award Application** to the **Awards Manager**.

Click **Awards Manager** – Brings up an Email window in your default email program.

Run [Back & Compact Database](#) as a final step.

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Print: Contest Log

Print: Contest Log

[Previous](#) [Top](#) [Next](#)

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Print: Envelope

Print: Envelope

[Previous](#) [Top](#) [Next](#)

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Print: Log

Print: Log

[Previous](#) [Top](#) [Next](#)

See [View/Edit/Print: Log](#)

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Print: Needs List

Print: Needs List

[Previous](#) [Top](#) [Next](#)

Go to **Main Menu – Print – Needs**

In the **Select A Book** frame – Click the **Book** to work with.
You can use the **Ctrl** key to select more than one **Book**.

In the **Counties Needed Options** frame:

Leave the **All States** checked if you want all **States**;

For a single **State**, uncheck **All States**

Type or select the **State**.

Click **View** to see the document in a separate window.

Click **Write to File** to save the document on your computer.

View:

Logger will calculate the **Needs** and display the results in a separate document.

Click the **Print Icon** in the upper left of the screen to **Print** the document.

(Note: The **Export** icon is not used in **Logger**)

Click the **“X”** box to close the document and return to **Logger**.

Click **Hide** to return to the **Print Needs** screen.

Write to File:

Logger will calculate the text document and store it on your computer as **C:**

\(Your Call) – Book – Needs.txt. - Click **OK** and **Hide**.

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Print: Needs - Xmitted Counties

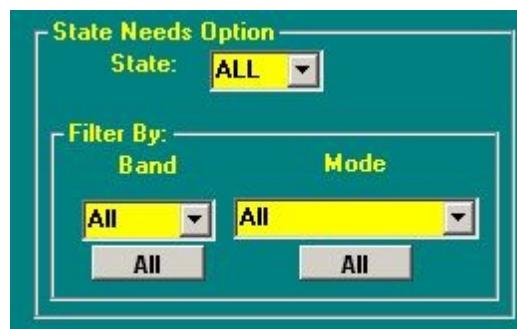
Print: Needs - Xmitted Counties

[Previous](#) [Top](#) [Next](#)

Go to **Main Menu – Print – Needs - Xmitted Counties**

Select **State** or **All**

Select Filters



Click **View**

Click **Print Icon** if desired

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Recalculate a Book or Books

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Recalculate a Book or Books

Recalculate a Book or Books

[Previous](#) [Top](#) [Next](#)

Recalculate Books

Books	Band Filter	Mode Filter
<input type="checkbox"/> 2 Meters	2	All
<input type="checkbox"/> 6 Meters	6	All
<input type="checkbox"/> 10 Meters	10	All
<input type="checkbox"/> 12 Meters	12	All
<input type="checkbox"/> 15 Meters	15	All

Buttons: Select Current, Select Tracked, Select All, Deselect All, OK, Help, Cancel

Select All - does exactly what it says - all books, including those already completed are recalculated. This may take a lot of time depending on the number of books you have already completed.

Select Current - same as "Select All", except books that are completed are skipped over. There is no need to keep recalculating USA-CA, past Nth Times, Bingos when they are finished. You could think of this as your currently "active" books.

Reminder: Logger posts a contact to all applicable books regardless of how your "Tracked" books are set.

Select Tracked - uses the list from View/Edit-Settings-Tracked Books where you have set the books you would like to see in the various "Needs" display, like Spots or the Log Entry screen. Example: If you are not tracking certain books like Digital, 5 Mode, 5 Band, Transmitted Counties, etc., this would be the best method to recalculate the books.

Reminder: You can change your tracked books at any time without affecting any of the supporting data.

Select All and both of the new selections can be modified by adding or removing checkmarks. Example: You may want to "uncheck" the Star XX Book because it takes so long to recalculate.

Deselect All - removes all checkmarks from the list and allows you to customize the recalculate(s) to your own selection(s).

Examples:

1. You could select the Star XX Book to recalculate when you have plenty of time.
2. If your "County Challenge" does not match the Book Summary, recalculate only those Bands where the totals don't match.

The **Recalculate** function will **Clear** the **Book(s)** and reprocess your **Log** to rebuild the **Book(s)** from scratch. You must **Create a Backup** before proceeding.

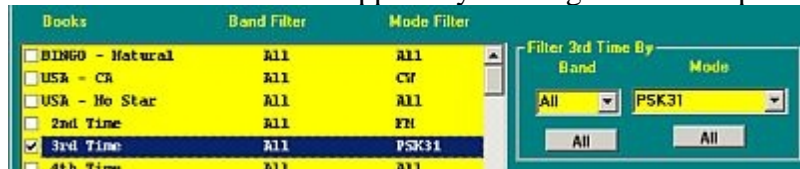
Note: If you have made substitutions or deletions in a **Book**, the **Book** may go back to its original condition. See **View/Edit – Book** for additional information.

Go to Main Menu – Tools

In the **Function** frame - Click **Recalculate Book**.

In the **Select Books** frame – Place a check by the **Book(s)** you wish to recreate.

A Book can be customized with a **Band & Mode Filter** applied by selecting from the drop down



list before clicking OK:

Note: Only contacts that fit the filter will be posted to the Book.

Select All: Adds a checkmark to all boxes

Note: It may take hours to complete depending on the speed of your computer.

Multi-select: Select only the Books you need to Recalculate.

Caution: As you select Nth Time Books, be sure to use the Grids to indicate the First and Last contacts as each Book is selected for the first time. If they are unknown, recalculate each Nth Time individually in sequence to find the last contact.

Once the First & Last contact are correct, you do not have to re-select the dates again. Logger will default to the last dates used. When all dates are correct, it is safe to "Select All" (or many) - walk away - and let the computer complete all the recalculates at one time.

Click **OK** - **Logger** will **Recalculate** the **Book(s)** selected.

Click **Hide** returns you to the **Tools** screen.

Run [Back & Compact Database](#) as a final step.

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Reinstall Logger

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Reinstall Logger

Reinstall Logger

[Previous](#) [Top](#) [Next](#)

See **Appendix B - Reinstalling Logger**

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Restore Logger to previous state

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Restore Logger to Previous State

Restore Logger to Previous State

[Previous](#) [Top](#) [Next](#)

If your copy of Logger starts acting up, there are several things you can try depending on the severity of the problem.

1. Before doing anything, make a copy of your **“Logger Data”** folder
 - Select your **“Logger Data”** folder with a **Right** click; select **“Copy”**
 - Under **“Edit”** – select **Paste** or **“Ctrl+V”**
 - You should now have a folder called **“Copy of Logger Data”**
 - Or you could make a copy on a back-up hard drive.

2. The first thing to try is downloading the latest version of Logger from the web site. Sometimes (rarely) a download gets corrupted. If this doesn't improve the problem, go to the next step.

3. The second thing to try is to “Restore” your databases to an earlier date.
 - Open your “Logger Data” folder and make these changes:

 - Change “County Hunter – (Your Call).mdb to
“County Hunter – (Your Call) **old**.mdb.

 - Change “County Hunters – Common.mdb to
“County Hunters – Common **old**.mdb.

 - Now change the names of the last back-ups to what you need.

 - Change “County Hunter – (Your Call) – Backup – 000X.mdb to
“County Hunter – (Your Call).mdb.

 - Change “County Hunters – Common – Backup – 000X.mdb to
“County Hunters – Common.mdb.

 - If this doesn't correct your problem you should call for help, or proceed to the next option.

4. Re-install Logger: See **Appendix B - Reinstalling Logger**

5. If problem is not corrected, contact the Logger Support Team.

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Send email from Logger

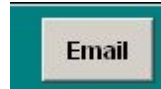
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Send email from Logger

Send email from Logger

[Previous](#) [Top](#) [Next](#)

You can initiate sending an email to someone from inside Logger.



On the following screens you will find an "Email" button:

View/Edit - MARAC - Officer

View/Edit - County Hunters - type a Call or select from list

Press the **Email** button - your default email program will appear. Compose the email - click "Send" and you will be returned to Logger.

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Send pictures to Logger Team

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Send pictures to Logger Team

Send pictures to Logger Team

[Previous](#) [Top](#) [Next](#)

If you don't have a screen Capture program, I recommend IrfanView. It is a free file conversion program that also does a good job of screen capture.

Download IrfanView here:

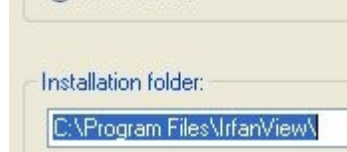
<http://www.tucows.com/preview/194967>

Click "Save" to save in your Download folder.

Go to your Download Folder and click "iview430_setup" to install the program.

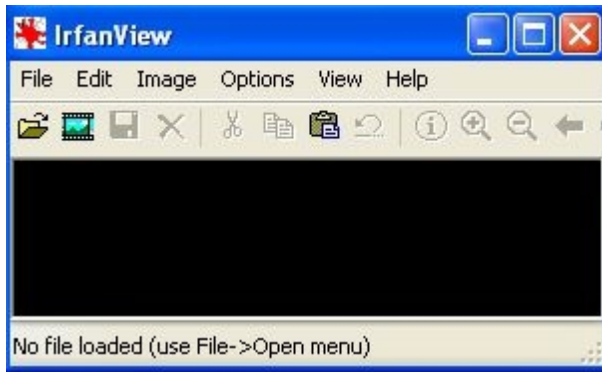
On the Security Warning – "Unknown Publisher" - Click RUN

Allow the installation to install all three shortcuts and place the program in the "Program Files" Folder. Click "Next" – "Next" – "Next Ready to install – Click "Next" – "Next" – Next" (See note for Vista/Windows 7) – "Next" Installation Successful – Uncheck "Start IrfanView" – Click "Done". Make a note of the FAQ file <http://www.irfanview.net/faq.htm> Close



How to use IrfanView

IrfanView is a powerful file manipulation program, but we are going to use only a tiny portion of the program. You might print this out for reference.



1. Run Logger until you see something you want to tell us about - **Stop right there.**

Hold the “Shift” key down and Click “Print Screen”.

2. Go to the lower left of your screen – Click “Start” – Select “IrfanView”.

You will get a “black screen” like this:

3. Hold the “Ctrl” key down and press “V” (Or “Edit” – select “Paste”).

You will now see the entire “screen shot” you got in Step1.

Using the mouse – draw a box around the section you want to show.

(Note: the “Paint Menu” must NOT be showing)



4. Under “Edit” in the Top Bar – select “Crop Selection”

5. Press “F12” to get the “Paint Menu” for annotation.

6. Under “File” in the Top Bar – select “Save As”

Navigate to where you want to save the file – name the file & select “JPG” as format – then SAVE

7. Compose your email message. Attach or Insert the picture (image) in an email.

Be sure to include the Logger

VERSION # since it does not show.



To Recap:

Run Logger – Stop at error

Press Shift + Print Screen

Start IrfanView – Paste

Select area with mouse – Crop Selection – Save As.

Insert into email

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Set His HOME COUNTY as the default while Mobile

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Set His HOME COUNTY as the default while Mobile

Set His HOME COUNTY as the default while Mobile

[Previous](#) [Top](#) [Next](#)

Short answer: – **you can t!** (What you can do is shown below)

Long answer:

Kwiklog allowed you to fill-in the **State** and **County** of a contact automatically. This has caused quite some grief with a few **County Hunters**. You normally cannot assume a contact was made with someone in their **Home County** unless they said so.

Transferring a **Mobile Run** from paper logs:

There are only two cases where you really need to log the contacts in the computer if you used paper logs while you are mobile:

First, you need to log at least one contact in each county you travel through so you will get credit for a "**Transmitted County**" (Use the Call that is running you);

Second, you should check the **counties** of the **mobiles** that made contact with you to see if you need their **County**.

Both of these can be done after you get back home; The first using the "**Log Entry - Mobile Run**", and the second using the "**Log Entry - Fixed**" with your operation set to "**M**".

Some County Hunters want to have every contact in the computer. They use the computer to confirm a **MRC** if one comes in. In this case you can log the mobile run "**live**" or "**after-the-fact**" by using the manual **Start** and **Stop** times, in the "**Log Entry - Mobile Run**" screen.

Then there are the ones that log **every contact** in a mobile run, hoping that they will pick up a **Home County** that fits their **Needs**. This should **NOT** be done unless you are absolutely sure they were in their home county. There is "**no guarantee**" unless you ask.

What happens if you send a "**Last County Award**" to someone and later find out they were not in their home county? a can of worms !!! An **MRC** could be returned with "sorry, I was not home at that time". Worst of all, your **Logs** could be challenged if you claim everyone was home.

If you don't know for sure if a contact was made with someone in their home county use "**U**". Having a contact with "**XX**" for the **State** and "**Unknown**" for the **County** is not a bad thing. It just means you were playing it safe.

If you take full responsibility for your actions, you can override the default and use "**F**".

When you **Tab** to the **Operation** type or select "**F**", **Tab** to the **Home County** and hit the **Spacebar** or click the check box. The **Home County** will be transferred to the **State** and **County** boxes.

Spot Yourself when Mobile

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Spot yourself when Mobile

Spot yourself when Mobile

[Previous](#) [Top](#) [Next](#)

These features are not part of the Logger program.

Both of these methods require access to the Internet

You can use a program called "**Spotme**" written by one of our fellow county hunters Dave KW1DX. For instructions go to his web site: www.kw1dx.com/ch. This site has a field for Mode & Submode.

Or, use the W6RK spotting site ch.w6rk.com.

Fill in the green area with your information and then click on the "Add Spot" button.

The example above shows how you would spot a mobile OM/YL team on a county line operating digital using the MFSK32 mode/submode. Please note that spaces, dashes, etc. should not be used between the ()s.

It is considered poor practice to use the Comments field as a chat room, i.e. making requests, stating future intentions, etc.

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Start a new Book

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Start a new Book

Start a new Book

[Previous](#) [Top](#) [Next](#)

After you get your Award number and Date, you can add that information temporarily to the Logger databases. That will automatically create your next Book.

Go to: **View/Edit – County Hunters Misc.**

Click on **Awards**

Type or select the **Award** you just completed.

Click **OK**. A list of the current numbers will appear.

Click **Add**. The **Add Award Number** frame appears.

Type your **Call** and **Date** of your **Award**.

Click **Add**

Quit Logger

When you restart the **Logger** program you will have the next Book

The **second method** is to download the **County Hunter Master** from the MARAC Logger web site. The **County Hunter Master** must be dated after you received your

number. Then **Update from County Hunter Master**.
You can now start over.

Related Topic:

[How To: Update from the County Hunter Master](#)

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Update

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Update: Award Numbers

Update: Award Numbers

[Previous](#) [Top](#) [Next](#)

The best way to update the **Award Numbers** is to use the **Update from the County Hunter Master** using **Tools - Download Updates**.

If for some reason you need to update an **Award Number** quickly, it can be done manually. For example: If you don't have access to the Internet, someone running **Mobile** just received another **Star**, or if you just received a new **Award**.

To manually add a new **Award Number** follow these steps:

- Go to **View/Edit County Hunters: Misc**.
- Click on **Awards** – Select the **Award** to update – Click **OK**
- The **View/Edit – (Award)** frame shows the current list of **Numbers**.
- Click **Add** - the **Add: Award Number To: (Award)** list appears. The Call must be in your County Hunter database before you can add a number.
- Type the **Call** and **Date**
- Click **OK** – The **Call, Number** and **Date** are added to the list.

Notes: If the **Call** you typed was yours, you will have a New “**nth**” **Time Book**.

Related Topics:

[How To: Start a New Book](#)

[How To: Update from the County Hunter Master](#)

Update: Expired Membership

Update: Expired Membership

[Previous](#) [Top](#) [Next](#)

If you start Logger and get the following warning:



Send you renewal dues to the MARAC secretary.

Wait until the next Master update - then download and update from the Master.

Update: From the County Hunter Master

Update: From the County Hunter Master

[Previous](#) [Top](#) [Next](#)

The **County Hunter Master** is the official **MARAC** document containing all the latest **Award Numbers**, membership information, and updated lists like **Teams**, **Ys**, Etc.

The **County Hunter Master** is stored on the **MARAC Logger** web page. This database is updated by the **Awards Manager** as new **Award Numbers** are issued, new **County Hunters** join **MARAC** and other changes. The file must be downloaded frequently to keep your **Logger** program up to date.

Start Logger – On the “**Main Menu**” screen, click “**Tools**” - Click on “**Download Updates**” (You must be connected to the Internet).

If **Master** is **Red** then you need to download and update.



NOTE: Before downloading and updating you must **Backup & Compact Database** first.

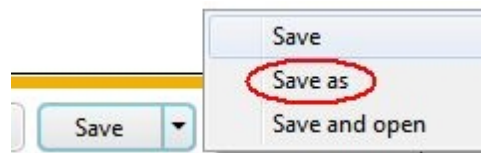
Click **OK** to start the download. When the download is completed click **Hide**. Then click **OK** to start the update process.

Alternate Method: Go to the MARAC website:

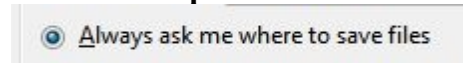
<http://www.marac.org/loggerupdate/>

Notes for different browsers:

Internet Explorer select "Save As"



Mozilla Firefox Under **Tools - Options - General - Downloads** - select:



- Log in and Click on the **Download Master** button. When the "File download" window appears, click **Save File and OK**.
- In the "Save As" window, navigate to the folder where your databases are located. You should see the files:
 - "County Hunter – (Your Call).mdb",
 - "County Hunters – Common.mdb",
 - "CountyHuntersMaster.mdb", (old version)
 and any Back Ups you have created.
 Click **Save**.
- **Note:** The file will be saved as "**CountyHuntersMaster.x**"

- click **Done** to close the MARAC download site.
- Start Logger if not already running - Go to **Main Menu - Tools**, click **Backup & Compact Database**, then click **Update From Master**. Click **OK**. This will start the update process.

Note: You will receive a notice that Logger has detected the ".X" file. You are asked if it is OK to substitute the X file for the current "mdb" file and delete the old "mdb" file. Click **OK**.

- After the **Update** is completed – Go to **Main Menu - Tools** and click **Create a Backup & Compact Database**. This does some required housekeeping in the Logger databases. **Backups** are created in your database folder.
- You are now **“Updated”**

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Update: Version of Logger

Update: Version of Logger

[Previous](#) [Top](#) [Next](#)

Note. If your membership is not current you will be unable to update to any new versions of the Logger program

If you get the following message, you need to update to the latest version:



Go to **Tools – Download Updates** - If the Latest Version of Logger Exe is **Red** you need to update



Select - **Download MARAC Logger Version: x.xxx.xxxx** and **OK** - the download will occur.

A message pops up letting you know that Logger will stop, then restart after the update – click **OK**
Allow the Setup Wizard complete the installation to **Finish**.
Logger will start using the new version.

Alternate Method Using the Internet:

To download the latest Version of **Logger** go to the official MARAC Logger website.
Logger should not be running.

<http://marac.org/loggerupdate/>

Login with your Call & Password.

Click - “**Download Version X.XX.XXXX**”

“Do you want to run or save this file?” – Click “**Save**”

Check to see that the "Save In" folder is **C:\Program Files\MARAC Logger** - click **SAVE**. The file name is "**Update MARAC Logger.exe**"

There might be an older version - **Replace it? - Yes**

Download Complete

Navigate to the folder **C:\Program Files\MARAC Logger**.

Double click on the file "**Update MARAC Logger.exe**"

Setup Wizard - click **NEXT - NEXT**

Verify location - **MARAC Logger** folder - click **NEXT**

- **Install - Finish**

The new version of Logger will start running

Logger is now updated.

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Use the Help File

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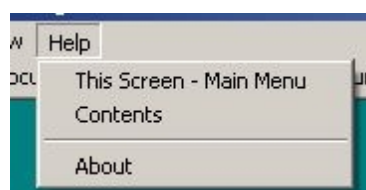
Use the Help File

Use the Help File

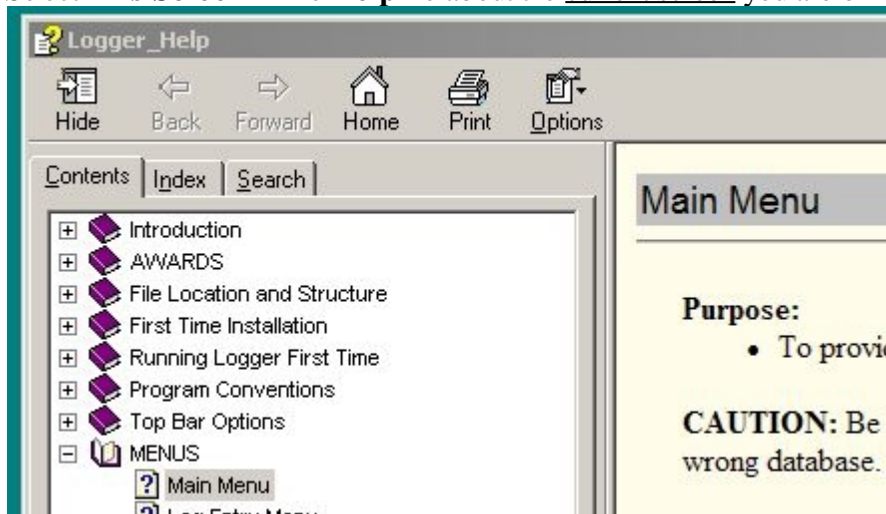
[Previous](#) [Top](#) [Next](#)

On the **Top Bar** select **Help**

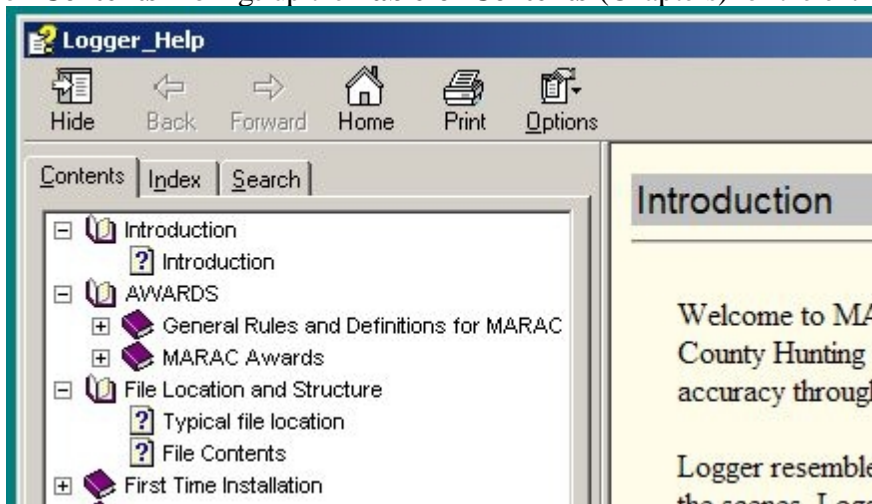
There are five ways to use the **Help** file.



1. Select **This Screen** – The **Help** file about the current screen you are on will appear.



2. Click on **Contents** – brings up the **Table of Contents** (Chapters) for the entire **Help** file.



Click on the "+" to open the Chapter and display the Topics in that Chapter.

3. **Index** Type word(s) to display alphabetical list of topics.



4. Search for words within topics

Type the word to search for – Click **List Topics** – select a topic - **Display**

Contents | Index | Search

Type in the word(s) to search for:

add

List Topics Display

Select topic: Found: 51

Title	Location	Rank
New Features	Logger Help	1
Add: New Call	Logger Help	2
Find Information about M...	Logger Help	3
View/Edit MARAC	Logger Help	4
View/Edit County Hunters	Logger Help	5
Update: Award Numbers	Logger Help	6
Find/Update: Big Rig List	Logger Help	7

Update: Award Numbers

The best way to update the Master using Tools - Do

If for some reason you need For example: If you don't another Star, or if you just

To manually add a new Award

- Go to View/E

Help - About – Important information about your configuration.

MARAC Expiration Date: 11/30/2011
MARAC Logger Key: xxx

Current MARAC Logger Version: 0.999.4149
Your Version 0.999.4213

Updated Common Database from Master Version 7/26/2010
Downloaded Master Version: 7/26/2010

GMT Time Offset: 6 Hours
DST Time Offset: -1 Hours - Daylight
Turned: On

Total Time Offset: 5 Hours

OK System Info...

Click **OK** to close. Click **System Info** to see information about your computer.

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View/Edit

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View/Edit: Book

Note: The **County Challenge**, **Polaris** and **Gemini** awards cannot be viewed as a **Book**, they are **Lists**. – use **Print Book** instead.

To view the entire **Book** for submission to the **Awards Manager** - use **Print Book**.

Go to **View/Edit – Book**

In the **Select A Book** frame, select the **Book** you would like to work with.

In the **Select A State** frame, select the **State** you want to see.

The list of **Counties** will appear. If the **County** has been worked you will see the supporting **QSO** information from your **Log**.

If you click on a row in the list, a list of **Alternate Contacts** will appear if you have made multiple contacts.

Click on an **Alternate Contact** and click **Replace**. The alternate **QSO** information will now be displayed in the **Book**.

Click on **Delete** and the **QSO** information will be removed from the **Book**.

Note: This does not delete the **QSO** from you **Log**. If you delete the **QSO** from your **Log**, the **Books** will be automatically updated.

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View/Edit: Book Summary

View/Edit: Book Summary

Go to **View/Edit – Book Summary**

The list shows the **Awards** you are tracking, the number **Worked** and number **Needed**.

To view other **Books** tracked by **Logger**, go to **View/Edit – Settings – Tracked Books** and check other **Books** to add to the list. **Note:** Logger tracks **ALL** awards in the background.

Note: - The **Book Summary** for **County Challenge**, **Polaris** and **Gemini** show what is **Needed** to get to the next level of the **Award**.

Example:

County Challenge	5848	152
(Wkd 1 Star) - Polaris	553	197
(Wkd 2 Stars) - Gemini	280	0

The next level for County Challenge is 6000, so 152 needed.
 The next level for Polaris is 750, so 197 needed.
 Gemini tops out at 150, so this award is finished.

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View/Edit/Print: Log

View/Edit: Log

[Previous](#) [Top](#) [Next](#)

Purpose:

To **View** and **Print** your **QSO Log** in various ways.

To **Edit** the **QSO Log** and **Save** changes.

Click the method to **View** your **QSO Log**

Today's QSOs	Date	State	Call	County	Last 90 Days	From/To Date	Year To Date
--------------	------	-------	------	--------	--------------	--------------	--------------

On the **Date**, **State**, **Call**, **County**, and **From/To** the printout can be filtered by Band & Mode using:

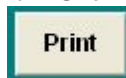
The image shows a 'Filter By' dialog box with a teal background. It has two columns: 'Band' and 'Mode'. Under 'Band', there is a dropdown menu with '30' selected. Under 'Mode', there is a dropdown menu with 'PSK31' selected. Below each dropdown is an 'All' button.

- **Today s QSO:** Brings up a list of today s contacts.
- **Date:** Brings up the **Enter Date** frame.
Type the Date of the Log to view.
- **State:** Brings up the **Enter State** frame.
Type or select the State you want to view.
- **Call:** Brings up the **Enter Call** frame.
Type the Call you want to view
- **County:** Brings up the **Enter State and County** frame.
Type or select the State and County you want to view.

- **Last 90 Days:** Brings up a list of contacts made in the last 90 days.
- **From/To Date:** Brings up the **Enter From/To Dates** frame.
Type the From Date in the From Date box, the To Date box will appear.
Type the To Date in the To Date box.
Caution: If you try to display more than 14,000 records, the program will abort!
- **Year to Date:** Brings up a list of contacts made this year.

Two additional buttons appear after selecting and displaying a Log

- **Print:** The Print button appears after selecting and displaying a Log.
Click **Print**, Logger will create a temporary table for viewing – click the **Print Icon** to print the document – Click “X” to close the document, then click **Hide**.



- **Write To File:** The Write To File button appears after selecting and displaying a Log. Click **Write To File**, Logger will create a file in your database folder: **(Your Call).txt**
You can use Wordpad to view this file.



Click a row to **Edit** and the **Edit QSO** frame appears.

Delete: Removes the **QSO** from the **Log**.
Updates all **Books** that used the **QSO**.

Exit: Removes the **Edit QSO** frame

Make changes to any information brings up 2 more buttons.

Change: Transfers any changes to **the Log**.
Updates any **Books** that are affected.

Cancel: Restores **Edit QSO** frame to before changes.

You must be on-line to the **Internet** to use this feature.

View/Edit Spots now has 2 sites you may use. **W6RK** is the primary site; **W5UGD** is the backup.

MARAC is a work in progress and not used at this time.



Click on **W6RK** or **W5UGD** - the **Spots** list you see is from the web site you choose, and is updated at the interval you select in "Options".

Date	Time	Call(s)	County State	Frequency	Mode	Spotter	Spot ID
09/09/15	13:26	K3IMC	howard, ne	14336.	SSB	K3IMC	1
09/08/15	22:00	K0FG	Dyer, TN	14056.5	CW	N4CD	2
09/08/15	21:53	K0FG	Dyer, TN	14336.	SSB	N1API-AL	3
09/08/15	21:26	K0FG	Pemiscot, MO	14336.	SSB	N1API-AL	4
09/08/15	20:43	K3IMC	Polk/Merrick, NE	14056.5	CW	KC5P	5

The County will highlight in Blue if the contact will fill any of your Needs.

If Logger cannot parse the county name, you will see a red highlight.

Indicates Need
Cannot Parse County

Logging on to W0MU-10 cluster
Hello Terry.
Cluster: 1 nodes 4 Locals 4 Total users Uptime 8 d

Date	Time	Call(s)	County State	Frequency
9/1/2013	02:31	N0AC	Laramie, CO	7049.4
9/1/2013	02:30	W2UP	Park, CO ccqp	3552.0

Click on **Cancel Logon** to change websites.

Click on a current running **Mobile** to transfer the information to the **Edit Spot** frame.

The **Edit Spot** frame will appear giving you the opportunity to correct the information if the **Parse** failed to translate everything.

Edit Spot

Spot Data	Parsed Data	* Required to Allow Copy to 'Log
08/30/10 22:35	Time 22:35	Date 08/30/10
W4HSA	*Call(s) W4HSA	Name(s) Jim
cl Martin/Bertie, NC	*His State NC	*His County
	His County Line	
14056.5	*Band	*Frequency (MHz)

The **Edit Spot** frame also shows which of your Needs will be filled if you complete the contact.

County	Book KD5CXO	IJ Needs	USA Needs
IJ Union	Call Combo - 2x1	7	1175
IJ Union	40 Meters	16	1257
IJ Union	Masters Platinum	19	1815
IJ Union	(Wkd 1 Star) - Polaris	21	3076

When the **Parsed Data** is correct – Click on **Copy to “Log Entry Fixed”**.

You will be transferred to the **Log Entry – Fixed** screen with the information already filled in and your **Needs List** highlighted if you need to work the contact.

Correct **RSTs** if necessary - press **“Enter”** to see the **Saved QSO Confirmation** frame. Press **“Enter”** to post to log. Press **“Enter”** to return to the **Spots** screen.

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Write Log to File

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Write Log to File

Write Log to File

[Previous](#) [Top](#) [Next](#)

See [View/Edit/Print: Log](#)

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Appendix A - Import/Export Operations

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Import Kwiklog

Import Kwiklog

[Previous](#) [Top](#) [Next](#)

Purpose:

To import Kwiklog format files into Logger.

Warning: This will clear any logging you have done within Logger.

Go to the **Main Menu**. In the upper left corner click **File** and move down to **Import – Kwiklog**

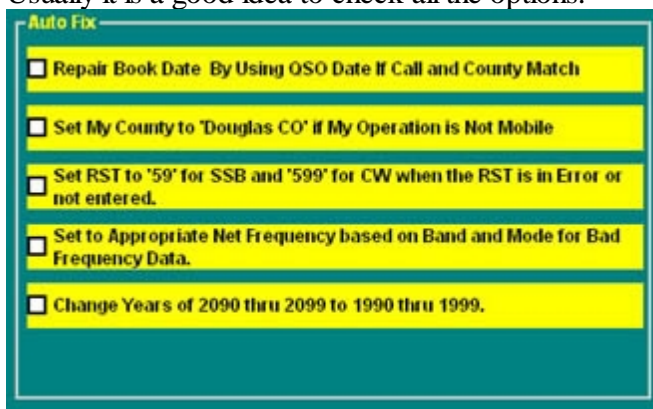


Step Description frame: Displays a narrative to explain each step the program goes through. You may use the **Expand** and **Reduce** buttons to change the view of this window.



Proceed: Takes you to the next step in the conversion process.

Auto fix frame: Allows you to set five options for the program to follow. Usually it is a good idea to check all the options.



- **Repair Book Date By Using QSO Date If Call and County Match.**
If the Date in the Kwiklog Book is bad, Logger searches for a contact by the same Call in the same County and substitutes the date in the QSO for the bad date.
- **Set My County to '(My Home County) if MY Operation is Not Mobile.**
If Logger finds **My County** missing in a Kwiklog QSO, it will substitute your "**My Home County**" in its place. The assumption is - if you not Mobile you must be at home.
- **Set RST to '59 for SSB and '599 for CW when the RST is in Error or not entered.**
Kwiklog did not check these fields for suitability. Logger will substitute '59 or '599 for corrupted or missing data as required.
- **Set Appropriate Net Frequency based on Band and Mode for Bad Frequency Data.**
Kwiklog would allow frequencies such as 7.242.5. Logger will accept only one decimal and must designate Mhz.
Frequencies corrupted or missing will be substituted with the default frequency for that Band and Mode.
- **Change Years of 2090 thru 2099 to 1990 thru 1999.**
Kwiklog occasionally corrupted a date by jumping ahead 100 years. This option will fix the dates back to 19xx.

Next Step:

After clicking **Proceed** a **CAUTION** will appear. If this is your first conversion you may ignore the caution. Click **OK**

Step 1 of 15: Locate .QSO and State files.

Read the **Step Description** and click **Proceed**. Locate the Folder with the files, Select and Open. Your **QSO** files will show, click one and **Open**. You will proceed to Step 2.

Step 2 of 15: Add/Delete .QSO Files.

This frame gives you the opportunity to view the list of **QSOs**.

Note: **Reduce** the **Step Description** so you can see the **Files to Convert** and **Converted Files** frames.

Make any changes to the list in the Folder you created, and then click **Refresh**.
If you are satisfied with the list, click **Proceed**.

Step 3 of 15: Add/Delete State Files.

This frame gives you the opportunity to view the list of States. Make sure there is exactly 50 state files with no DX, DC or TC files.

Note: **Reduce** the **Step Description** so you can see the **Files to Convert** and **Converted Files** frames.

Make any changes to the list in the **Folder** you created, and then click **Refresh**.
If you are satisfied with the list, click **Proceed**.

Steps 4 to 15 will run automatically.

A new **Problem Data** frame will appear on the right side of the screen.
It shows the number of problems found in various areas.

Notes: This process may take a long time depending on the speed of your computer.
You may read the **Step Descriptions** as each step is performed.

Step 4: Converting Existing .QSO Files

Step 5: Find Duplicate QSO Records

Step 6: Converting Existing State Logs

Step 7: Convert Calls to Call ID

Step 8: Convert His County to County ID

Step 9: Convert My County to County ID

Step 10: Check for Bad Dates

Step 11: Mark Book Records Duplicated in the QSO Records

Step 12: Create QSO Master

Step 13: Recreate Books**Step 14: Recreate Previous nth Time Books****Step 15: Create MRC Tables**

Conversion is Completed – Close the screen with the “X” close box.

Then run Step 1 [Backup & Compact Database](#) as a final step.

If you are converting files for a team, exit the program and start again under the other team member's database. Run the Kwiklog conversion a second time using the second team member's Kwiklog files.

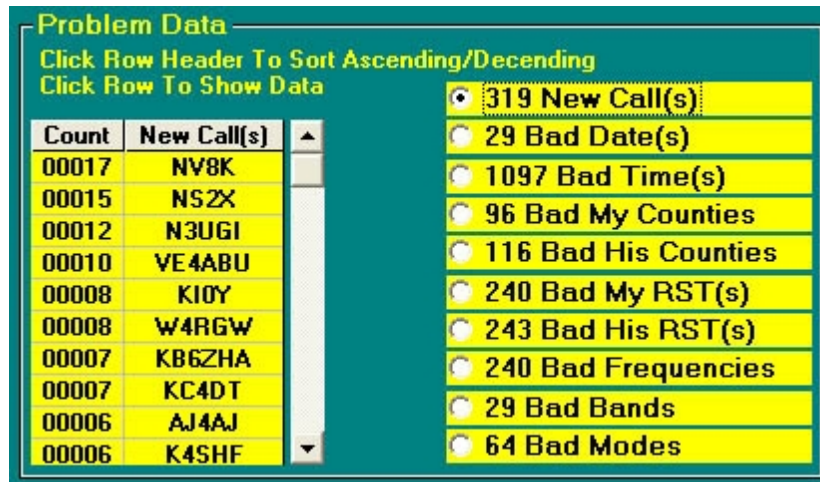
Two files are created by the conversion process that will help you correct some of the conversion errors.

C:\Logger Data\QSO s Created By Books – (Your Call).txt

C:\Logger Data\Error File – (Your Call).txt

Next step is to correct as many conversion errors as possible. Go to **View/Edit – Import Problems**.

Import Problems – Problem Data



If there are a large number of errors, it is suggested that you fix these errors in Kwiklog and run the Logger Kwiklog import again. It is best to have your Kwiklog files as error free as possible. You may have to Import several times before most of the errors are corrected.

There is a possibility that you might lose your Logger data due to a computer crash so be sure to backup Logger data often using Step 1 [Backup & Compact Database](#). For real assurance you should occasionally copy your files to removable media (external hard drive, CD or memory).

For detailed information go to [View/Edit – Import Problems](#)

For Help correcting problems go to [Correcting Import Problems](#)

Import: ADIF File

Import: ADIF File

[Previous](#) [Top](#) [Next](#)

Purpose:

To import ADIF format files into Logger

Go to the **Main Menu**. In the upper left corner click **File** and move down to **Import - ADIF**.

Import Type frame: Select **New Import** or **Append Import**.

Caution: **New Import** clears the **Logger** databases for a fresh start.



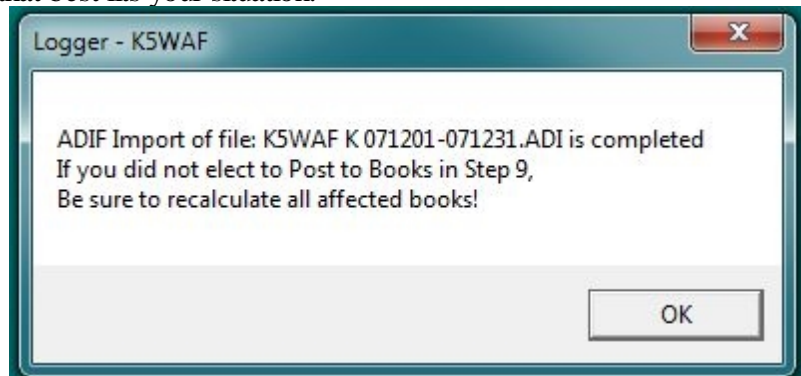
Append Import appends the contacts to your current **Log**.

When you import ADIF files, you now have a choice of how to handle the files.

1. Yes - will post each contact to the books as it is imported, no Recalculate is required.
2. No - Import without posting and Recalculate later.



There is a time trade-off between the number of contacts imported and the size of your QSO file; IE: Time to post each contact vs. time to recalculate. If the import file is small, then posting might be the best option. When importing hundreds contacts it may be faster to import and recalculate later. Use the recalculate that best fits your situation.



Run [Back & Compact Database](#) before and after ADIF import.

My Operation and Location frame:

Note: My Operation & My Location frame are used when the ADIF import file does not contain these tags or a Comment tag, as in ADIF 1.0

My Operation frame: Select Fixed, Mobile, Portable or Unspecified.

My Location frame: Type or select **My State** and **My County**.

Default is your **Home County** from the **View/Edit – Settings** screen.

ADIF 1.0 does not have a standard field for `<XMIT_FROM>`, or **My County**. To receive credit for your ADIF transmitted counties they must exist in the **Comment field** of your logging program prior to ADIF export, or you may use **My Location**.

If you elect to use the

Use ADIF Comment Field 'ST,County' for your County

choice when importing an **ADIF 1.0** file, make sure you have followed the conventions described below in the file.

The **Comment** tag must be used as follows:

`<COMMENT:7>PA, York`

`<COMMENT:15>AR, Izard/Baxter (for CL)`

ADIF 2.0 and above supports **MYState & My County**

Logger also supports 4 additional tags, see [ADIF Conversion Tags](#)

Buttons:

- **Import:** Starts the import process.
- **Main Menu:** Returns you to the [Main Menu](#) screen.

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ADIF Conversion Tags

ADIF Conversion Tags

[Previous](#) [Top](#) [Next](#)

ADIF 3.0 is an open standard for exchange of data between ham radio software packages available from different vendors. Logger uses 16 of the standard ADIF 2.0 fields and 4 special "MARAC Applications."

The usual **ADIF Tag** has the format:

`<Tag : Tag Data Length>Tag Data`

Logger looks for the **Tags** listed below during import, other Tags are ignored.

Band

Example:

<BAND:3>20M

Big Rig (only found when the Export is from Logger)

Example:

<APP_MARAC_Logger_Big_Rig:3>Yes

Call

Example:

<CALL:5>N9QPQ

Calls with a “/M” are converted to **His Operation as Mobile**.

Calls with a “/F” are converted to **His Operation as Fixed**.

All other uses of “/” are converted to **His Operation as Fixed**

All other uses of the “/” will be imported and you will be asked in **Step 2** to **KEEP** the **RIGHT** or **LEFT** side of the “/” (The side of the Call)

County (His)

Example:

<CNTY:7>NM,LUNA

NM,LUNA converts to **Luna**

The two letter state and the comma are removed and ignored if present

Comment

(Can be used if the source comes from a program using ADIF 1.0)

See **Your State and County** below

Date

Example:

<QSO_DATE:8:d>20060311

20060311 Converts to **3/11/06**

The format for Date is “**yyyymmdd**”

The “**:d**” is ignored

Frequency

Example:

<FREQ:7>14.3360

State (His)

Example:

<STATE:2>NM

Two letter abbreviation **NM** is used for State

Mode

Example:

<MODE:3>SSB

<MODE:2>CW

Modes of **LSB**, **USB**, **USB/LSB** and **LSB/USB** are converted to **SSB**

My State (ADIF Version 2.0 and above)

Example:

<MY_STATE:2>AL

My County (ADIF Version 2.0 and above)

Example:

<MY_CNTY:13>AL, Montgomery

Logger will also convert:

<MY_CNTY:13>Montgomery, AL

<MY_CNTY:10>Montgomery

Oper His (only found when the Export is from Logger)

Example:

<APP_MARAC_Logger_Oper_His:1>F

Oper Mine (only found when the Export is from Logger)

Example:

<APP_MARAC_Logger_Oper_Mine:1>M

QSL Received

Example:

<QSL_RCVD:1>Y

QSL Received Date - (Accepted if QSL Received is "Y")

Example:

<QSLRDATE:8:d>20100904

QSL Sent

Example:

<QSL_SENT:1>Y

QSL Sent Date- (Accepted if QSL Sent is "Y")

Example:

<QSLSDATE:8:d>20100904

RST Received

Example:

<RST_RCVD:2>59

<RST_RCVD:3>599

RST Sent

Example:

<RST_SENT:2>59

<RST_SENT:3>599

Time

Example:

<TIME_ON:4>2151

Format: **HHMM** GMT Time**2151** Converts to **21:51****YL** (only found when the Export is from Logger)

Example:

<APP_MARAC_Logger_YL:1>N

If State & County is "DX Unknown" or "XX Unknown", State & County are not exported.

Your State and County in ADIF version 1.0

My State and **My County** are not defined in the standard set of Tags for **ADIF version 1.0**.

Logger uses the **COMMENT** tag as a substitute.

ADIF version 2.0 and above support **My State** and **My County**.

The conventions for using the **Comment** Tag must be followed carefully.

If the source was created with ADIF 1.0 you may import **My County** and **My State** from the **Comment** field by placing a check in the box on the **Import ADIF** screen:



When using the Comment field as **My County** and **My State**, the State and County must be the first characters in the Tag Data. All remaining data is ignored! The **County** is limited to 20 characters

Example:

<COMMENT:11>OK, PONTOTOC

OK,PONTOTOC Converts to:**My County – Pontotoc** and**My State - OK**

Example (County Line):

<COMMENT:17>WY,CAMPBELL/CROOK - Frank L Yohe Jr – 2550
S Ellsworth Road Unit 770 - Mesa, AZ 85212

Converts to two counties:

My County - Campbell,**My State - WY** and**My County - Crook,**

My State – WY

Note: Two States & two Counties are not supported at the present time.

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Import Kwiklog After Using Logger

Import_Kwiklog_After_Using_Logge
r

[Previous](#) [Top](#) [Next](#)

Importing Kwiklog erases your databases, so special precautions must be taken to preserve what you have done in Logger.

1. Send you Kwiklog files (States & QSO s) to Terry (WQ7A) for an initial look with his analytical programs. He will point out many errors that need correcting within Kwiklog before you do the import.
2. Correct as many errors as you can within Kwiklog.
3. Save your current log from Logger. Go to **Top Bar – File – Export - ADIF**. Click **Export Full Log**. This will create a backup of your entire log in **ADIF** format.
4. Copy your entire **C:/Logger Data** folder to a safe place, in case anything goes wrong.
5. Copy the “corrected” Kwiklog “State” and “QSO” files to a folder where you can find them.
6. Go to **Top Bar – File – Import – Kwiklog**. Follow the instructions outlined in [Import Kwiklog](#). Now Logger should have the same contacts in the log as Kwiklog. You can start correcting more of the Import errors now, or later.
7. Move your saved Logger log back into the Logger program. Go to **Top Bar – File – Import – ADIF**. Be sure to click **Append Import** so you will “Add” the contacts and not wipe out your Kwiklog contacts. On the **Open** screen, navigate to your Logger Data folder and select **ADIF File – (Your Call).adi** – click **Open** and click all the default buttons until finished.
8. At this point your **Logger Books** contain only the Kwiklog contacts. You must recalculate all books. Go to **Tools – Recalculate Book**. You can “Select All” and “OK” which will take hours to do. Or you can do a few at a time.

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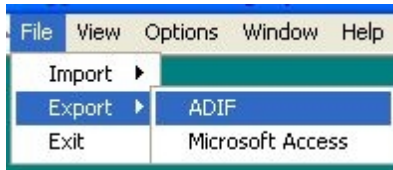
Export ADIF

Export ADIF

[Previous](#) [Top](#) [Next](#)

Purpose:

To export ADIF formatted files for import into other programs - Go to the Top Bar on any screen. In the upper left corner click File and move down to Export - ADIF.



For a part of your Log - Create a Grid using one of these buttons:



Then select:



To export your entire Log - do not create a Grid - just click:



The file will be created in your Logger Data folder as:
(Your Call).adi

The file is viewable using Notepad.

The following 17 fields are exported to the ADIF file:

Logger	ADIF 2.0
Call	Call
First Name	Name
Date	QSO_Date
Time	Time_On
Band	Band
Mode	Mode
Frequency	Freq
His RST	RST_Sent
My RST	RST_RCVD
Oper Mine	APP_MARAC_Logger_Oper_Mine
Oper His	APP_MARAC_Logger_Oper_His
Big Rig	APP_MARAC_Logger_Big_Rig
YL	APP_MARAC_Logger_YL
My State*	My_State
My State*, My County	My_CNTY
His State*	State
His County*	CNTY

* If State & County is "DX Unknown" or "XX Unknown", State & County are not exported.

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Export MS Access

Export MS Access

[Previous](#) [Top](#) [Next](#)

Purpose:

To export MS Access format files into other programs.

Go to **Top Bar - File - Export - Microsoft Access**



For a part of your Log - Create a **Grid** using one of these buttons:



Then select:



To export your entire Log - do not create a Grid - just click:



The file will be created in your Logger Data folder as:
(Your Call).mdb

The file is viewable using Microsoft Access.

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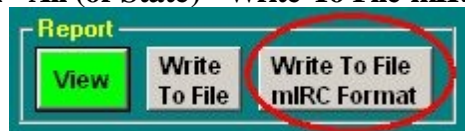
Export mIRC

Export mIRC

[Previous](#) [Top](#) [Next](#)

Purpose: To export your book "Needs" to a file for use in **mIRC** and other programs.

Go To **Print - Needs - Book - All (or State) - Write To File mIRC Format**



This will create a file in your **C:\Logger Data** folder:
(Your Call) - Needs - Book - mIRC Format.txt

You can view this file with **WordPad** or **NotePad**.

```

|
First J. D. S E, AK      KD5CXO BINGO II Needs
Arkansas, AR
Benton, AR
Conway, AR
Dallas, AR
Johnson, AR
Lafayette, AR
Lee, AR
..

```

Copy from the list and **Paste** into your **mIRC** or other program.

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Correct Kwiklog Import Problems

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Correct Import Problems: A list of general hints

Correct Import Problems: A list of general hints

[Previous](#) [Top](#) [Next](#)

Import Problems can come from many sources, operator error, file corruption, deleted information, Kwiklog blunders, data not matching Loggers criteria, and many others. With a lot of patience and persistence you can correct most of the problems. Occasionally, the Delete Key is the best alternative.

Five major hints:

1. Use the **Kwiklog QSO viewer** and the **Kwiklog State viewer** to examine your files before running the conversion. These two programs are run within **MS Excel**. Once you load your **Kwiklog** data into these **Excel** spreadsheets many errors may be found and corrected.

Once corrections have been made within the spreadsheets, the **QSO** and **State** files may be saved back into **Kwiklog** format for use in **Kwiklog** and also imported into **Logger**. If you correct any problems using the **viewers** or **Kwiklog**, be sure to create a new copy of your **Kwiklog State** and **QSO** files to use in the conversion.

2. Any Call that is not in the official **MARAC database** is considered a “**New Call**” and will be assigned a **Call ID#** 100,000 and above.

3. The **Kwiklog Award Books** are all contained in the 50 **Kwiklog State** files. During import **Logger** checks the **Kwiklog Books** against the **Kwiklog QSO Logs**. If there is not a matching **QSO** for the **Book** entry, **Logger** will use the data from the **Book** entry to create a **QSO**. Since the **Book** does not contain all of the **QSO** data, the **RST**, **Time**, **Band**, etc. may be missing in the created **QSO** and displayed as “**0s**”. Correcting the “**Bad**” information in the **Book** or the **QSO** itself will correct the problem. If this correction is made in **Kwiklog**, a subsequent import will not show this as a problem. If the correction is made in **Logger**, there is a possibility that there will be either a duplicate **QSO** entry or one left intact that is incorrect. It is suggested that the problem be corrected in **Kwiklog** and

a new import session be run.

4. The **Import** process creates two files. The first one to use in correcting your data is the “**QSOs created by Books.txt**”. Once those corrections are made, tackle the ones listed in the data file called “**Error File – (Your Call).txt**”. Many of the errors in this file are also duplicates of those in the “**QSOs created by Books.txt**” file. Correcting the errors listed in these files will help solve many of the **Import Problems**.

5. The Kwiklog QSO files and your paper logs are generally the best resources for solving Import Problems.

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Correct Import Problems: Bad Bands

Correct Import Problems: Bad Bands

[Previous](#) [Top](#) [Next](#)

The likely reasons for Bad Bands found during the conversion process are:

- The data was somehow corrupted.
- You entered a bad band, for example 2M or 40M.
Note: Kwiklog does not error check the band you enter, so odd bands are considered valid by Kwiklog, but not by Logger.
Logger marks the Bad Band with a “0”.

Click on the **Bad Band(s)** category.

The **Problem Data** frame shows a list of the **Count** and **Bad Bands** for each type. Clicking on any row with a **Count** and **Bad Band** transfers the data to the **Log Problems: Bad Band** frame which displays the data as a list. Notice the last column in the list is **Source** which could be a **Book** or a **QSO**; that knowledge may help your research.

Click a row in the list, 5 buttons appear in the **View** frame to help you correct the **Bad Band**. Two additional buttons are in the **Change Date** frame.

Note: These buttons may or may not help you find the correct Band. Your best source is your original paper logs or Kwiklog.

View Frame:

- **By Same Call:** - Displays all QSOs with the same **Call**.
It might help if you check the **Band** normally used for a contact with this **Call**.

- **By Same Date:** - Displays all QSOs with the same **Date**.
Did the error occur during a contest or mobile run? You might look at QSOs before and after to determine the Band.
- **By Same County:** - Displays all QSOs in the same **State** and **County**.
This button probably won't help you much.
- **By Same State:** - Displays all QSOs in the same **State**.
This button probably won't help you much.

Change Date Frame:

- **Change:** This button is probably the most important. It brings up the **Change To:** frame. Use this button if you have solved the problem using other resources like your paper Logs or by examination of your Kwiklog files.
- **Delete Record:** If the puzzle isn't solved, the alternative is to delete the record with the **Bad Band**.

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Correct Import Problems: Bad Dates

Correct Import Problems: Bad Dates

[Previous](#) [Top](#) [Next](#)

The likely reasons for bad dates found during the conversion process are:

- The data was somehow corrupted.
- You entered a bad date, for example 06/31/04 or 2//4//03.
Note: Kwiklog does not error check the date you enter, so a date such as 06/31/04 is considered valid by Kwiklog, but not by Logger.

Logger changes the bad date to 01/01/3000, so Logger will accept the entry.

Note: in the **Other Logged Data** frame this will show as **01/01/00**.

Click on the **Bad Date(s)** category.

The **Problem Data** frame contains a list of the **Count** and **Bad Dates** for each type of error. Normally you'll only see one instance of a bad date; however it is possible to have more than one.

Clicking on any row with a **Count** and **Bad Date** transfers the data to the **Log Problems: Bad Dates** frame which displays the data as a list. Notice the last column in the list is **Source** which could be a **Book** or a **QSO**; that knowledge may help your research.

Click a row in the list, 4 buttons appear in the **View** frame to help you correct the **Bad**

Date. Two additional buttons are in the **Change Date** frame.

Note: These buttons may or may not help you find the correct date. Your best source is your original paper logs or Kwiklog.

View Frame:

- **By Same Call:** - Displays all QSOs with the same **Call**.
You will see an entry with the date **01/01/00**, don't be confused, that is the same QSO that you are working on.

If you find another entry for this same Call and same County, you might consider using the **Delete Record** button to purge the list of the **Bad Date** record.
- **By Same County:** - Displays all QSOs in the same **State** and **County**.
This button probably won't help you much. All you could do would be to "borrow" a date from another QSO.
- **By Same State:** - Displays all QSOs in the same **State**.
Again, this button probably won't help you much. All you could do would be to "borrow" a date from another QSO.

Change Date Frame:

- **Change:** This button is probably the most important. It brings up the **Change To:** frame. Use this button if you have solved the problem using other resources like your paper Logs or by examination of your Kwiklog files.
- **Delete Record:** If the puzzle isn't solved, the alternative is to delete the record with the **Bad Date**.

Change To: Allows you to **manually** type-in the correct **Date**.

- **OK** - Substitutes the new **Date** for the **Bad Date**.
- **Cancel** – Returns to the previous screen

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Correct Import Problems: Bad Frequencies

Correct Import Problems: Bad
Frequencies

[Previous](#) [Top](#) [Next](#)

The likely reasons for bad frequencies found during the conversion process are:

- The data was somehow corrupted.
- You entered a bad frequency, for example 12M or 7.230.5.
Note: Kwiklog does not error check the frequency you enter, so a frequency such as 2M is considered valid by Kwiklog, but not by Logger.

Logger marks a bad frequency as such and also changes it to “0” so Logger will accept the entry.

Click on the **Bad Frequencies** category.

The **Problem Data** frame contains a list of the **Count** and **Bad Frequencies** for each type. Normally you will only see one instance of a bad frequency; however it is possible to have more than one.

Clicking on any row with a **Count** and **Bad Frequencies** transfers the data to the **Log Problems: Bad Frequencies** frame which displays the data as a list. Notice the last column in the list is **Source** which could be a **Book** or a **QSO**; that knowledge may help your research.

Click a row in the list, 4 buttons appear in the **View** frame to help you correct the **Bad Frequencies**. Two additional buttons are in the **Change Frequencies** frame.

Note: These buttons may or may not help you find the correct frequency. Your best source is your original paper logs or Kwiklog.

View Frame:

- **By Same Call:** - Displays all QSOs with the same **Call**.
This button probably won't help you much. All you could do would be to “borrow” a frequency from another QSO.
- **By Same Date:** - Displays all QSOs with the same **Date**.
This button probably won't help you much. All you could do would be to “borrow” a frequency from another QSO.
- **By Same County:** - Displays all QSOs in the same **State** and **County**.
This button probably won't help you much. All you could do would be to “borrow” a frequency from another QSO.
- **By Same State:** - Displays all QSOs in the same **State**.
Again, this button probably won't help you much. All you could do would be to “borrow” a frequency from another QSO.

Change Frequency Frame:

- **Change:** This button is probably the most important. It brings up the **Change To:** frame. Use this button if you have solved the problem using other resources like your paper Logs or by examination of your Kwiklog files.

- **Delete Record:** If the puzzle isn't solved, the alternative is to delete the record with the **Bad Frequency**.

Change To: Allows you to **manually** type-in the correct **Frequency**.

- **OK** - Substitute the new **Frequency** for the **Bad Frequency**.
- **Cancel** – Returns to the previous screen

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Correct Import Problems: Bad His County

Correct Import Problems: Bad His County

[Previous](#) [Top](#) [Next](#)

The likely reasons for bad His County found during the conversion process are:

- The data was somehow corrupted.
- The His Bad County is missing, misspelled or does not exist.
Note: Kwiklog does not error check the county you enter, so a County such as AL Barber or GA Stone is considered valid by Kwiklog, but not by Logger.

Logger marks the Bad His County with a "0".

Click on the **Bad His County** category.

The **Problem Data** frame contains a list of the **Count** and **Bad His County** for each type. Normally you'll only see one instance of a bad his County; however it is possible to have more than one.

Clicking on any row with a **Count** and **Bad His County** transfers the data to the **Log Problems: Bad His County** frame which displays the data as a list. Notice the last column in the list is **Source** which could be a **Book** or a **QSO**; that knowledge may help your research.

Click a row in the list, 4 buttons appear in the **View** frame to help you correct the **Bad His County**. Two additional buttons are in the **Change His County** frame.

Note: These buttons may or may not help you find the correct County. Your best source is your original paper logs or Kwiklog.

View Frame:

- **By Same Call:** - Displays all QSOs with the same **Call**.
This button probably won't help you much.
- **By Same Date:** - Displays all QSOs with the same **Date**.
This button probably won't help you much.

- **By Same County:** - Displays all QSOs in the same **State** and **County**. This button probably won't help you much.
- **By Same State:** - Displays all QSOs in the same **State**. Again, this button probably won't help you much.

Change His County Frame:

- **Change:** This button is probably the most important. It brings up the **Change To:** frame. Use this button if you have solved the problem using other resources like your paper Logs or by examination of your Kwiklog files.
- **Delete Record:** If the puzzle isn't solved, the alternative is to delete the record with the **Bad His County**.

Change To: Allows you to **manually** type-in the correct **His County**.

- **OK** - Substitutes the new **His County** for the **Bad His County**.
- **Cancel** – Returns to the previous screen

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Correct Import Problems: Bad His RSTs

Correct Import Problems: Bad His RSTs

[Previous](#) [Top](#) [Next](#)

The likely reasons for Bad His RSTs found during the conversion process are:

- The data was somehow corrupted.
- The RST is missing or outside the normal conventions
Note: Kwiklog does not error check the RST you enter, so a RST such as 9, 456 or 699 is considered valid by Kwiklog, but not by Logger.

Logger marks the Bad His RST with a "0".

Click on the **Bad His RSTs** category.

The **Problem Data** frame contains a list of the **Count** and **Bad His RSTs** for each type. Normally you'll only see one instance of a bad RST; however it is possible to have more than one.

Clicking on any row with a **Count** and **Bad His RSTs** transfers the data to the **Log Problems: Bad His RSTs** frame which displays the data as a list. Notice the last column in the list is **Source** which could be a **Book** or a **QSO**; that knowledge may help your

research.

Click a row in the list, 4 buttons appear in the **View** frame to help you correct the **Bad RSTs**. Two additional buttons are in the **Change His RSTs** frame.

Note: These buttons may or may not help you find the correct RST. Your best source is your original paper logs or Kwiklog.

View Frame:

- **By Same Call:** - Displays all QSOs with the same **Call**. This button probably won't help you much.
- **By Same Date:** - Displays all QSOs with the same **Date**. This button probably won't help you much.
- **By Same County:** - Displays all QSOs in the same **State** and **County**. This button probably won't help you much.
- **By Same State:** - Displays all QSOs in the same **State**. Again, this button probably won't help you much.

Change Bad His RST Frame:

- **Change:** This button is probably the most important. It brings up the **Change To:** frame. Use this button if you have solved the problem using other resources like your paper Logs or by examination of your Kwiklog files.
- **Delete Record:** If the puzzle isn't solved, the alternative is to delete the record with the **Bad His RSTs**.

Change To: Allows you to **manually** type-in the correct **RST**.

- **OK** - Substitutes the new **RST** for the **Bad His RST**.
- **Cancel** – Returns to the previous screen

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Correct Import Problems: Bad Mode

Correct Import Problems: Bad Mode

[Previous](#) [Top](#) [Next](#)

The likely reasons for Bad Mode found during the conversion process are:

- The data was somehow corrupted.

- The Mode is missing, misspelled or not in the Logger list of acceptable Modes. Logger will accept only CW, SSB, AM, FM in the Kwiklog conversion.
Note: Kwiklog does not error check the Mode you enter, so a mode such as SBB or PSK is considered valid by Kwiklog, but not by Logger.

Logger marks the Bad Mode with a “DI”.

Click on the **Bad Mode** category.

The **Problem Data** frame contains a list of the **Count** and **Bad Mode** for each type. Normally you ll only see one instance of a bad mode; however it is possible to have more than one.

Clicking on any row with a **Count** and **Bad Mode** transfers the data to the **Log Problems: Bad Mode** frame which displays the data as a list. Notice the last column in the list is **Source** which could be a **Book** or a **QSO**; that knowledge may help your research.

Click a row in the list, 4 buttons appear in the **View** frame to help you correct the **Bad Mode**. Two additional buttons are in the **Change Mode** frame.

Note: These buttons may or may not help you find the correct Mode. Your best source is your original paper logs or Kwiklog.

View Frame:

- **By Same Call:** - Displays all QSOs with the same **Call**.
This button probably won t help you much. All you could do would be to “borrow” a mode from another QSO.
- **By Same Date:** - Displays all QSOs with the same **Date**.
This button probably won t help you much. All you could do would be to “borrow” a mode from another QSO.
- **By Same County:** - Displays all QSOs in the same **State** and **County**.
This button probably won t help you much. All you could do would be to “borrow” a mode from another QSO.
- **By Same State:** - Displays all QSOs in the same **State**.
Again, this button probably won t help you much. All you could do would be to “borrow” a mode from another QSO.

Change Mode Frame:

- **Change:** This button is probably the most important. It brings up the **Change To:** frame. Use this button if you have solved the problem using other resources like your paper Logs or by examination of your Kwiklog files.

Type or select the Mode you require. **Logger** allows the following:

For voice:

AM

FM

PHONE

SSB

For CW & Digital:

AMTOR	FSK31	MFSK8	PSK31
ATV	GTOR	MINIRTTY	PSK63
CLOVER	HELL	MT63	Q15
CW	HFSK	PACKET	RTTY
DATA	IMAGE	PACTOR	SSTV
FAX	MFSK16	PSK125	THROB

- **Delete Record:** If the puzzle isn't solved, the alternative is to delete the record with the **Bad Mode**.

Change To: Allows you to **manually** type-in the correct **Mode**.

- **OK** - Substitutes the new **Mode** for the **Bad Mode**.
- **Cancel** – Returns to the previous screen

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Correct Import Problems: Bad My County

Correct Import Problems: Bad My County

[Previous](#) [Top](#) [Next](#)

The likely reasons for Bad My County are found during the conversion process are:

- The data was somehow corrupted.
- The My Bad County is missing, misspelled or does not exist.
Note: Kwiklog does not error check the county you enter, so a County such as AL Barber or GA Stone is considered valid by Kwiklog, but not by Logger.

Logger marks the Bad His County with a "0".

Click on the **Bad My Counties** category.

The **Problem Data** frame contains a list of the **Count** and **Bad My Counties** for each type. Normally you'll only see one instance of a bad my County; however it is possible to have more than one.

Clicking on any row with a **Count** and **Bad My Counties** transfers the data to the **Log Problems: Bad My Counties** frame which displays the data as a list. Notice the last column in the list is **Source** which could be a **Book** or a **QSO**; that knowledge may help your research.

Click a row in the list, 4 buttons appear in the **View** frame to help you correct the **Bad Bad My Counties**. Two additional buttons are in the **Change Bad My Counties** frame.

Note: These buttons may or may not help you find the correct County. Your best source is your original paper logs or Kwiklog.

View Frame:

- **By Same Call:** - Displays all QSOs with the same **Call**.
This button probably won't help you much.
- **By Same Date:** - Displays all QSOs with the same **Date**.
This button probably won't help you much.
- **By Same County:** - Displays all QSOs in the same **State** and **County**.
This button probably won't help you much.
- **By Same State:** - Displays all QSOs in the same **State**.
Again, this button probably won't help you much.

Change Bad My Counties Frame:

- **Change:** This button is probably the most important. It brings up the **Change To:** frame. Use this button if you have solved the problem using other resources like your paper Logs or by examination of your Kwiklog files.
- **Delete Record:** If the puzzle isn't solved, the alternative is to delete the record with the **Bad My Counties**.

Change To: Allows you to **manually** type-in the correct **County**.

- **OK** - Substitute the new **County** for the **Bad My County**.
- **Cancel** – Returns to the previous screen

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Correct Import Problems: Bad My RSTs

Correct Import Problems: Bad My RSTs

[Previous](#) [Top](#) [Next](#)

The likely reasons for Bad My RSTs found during the conversion process are:

- The data was somehow corrupted.
- The RST is missing or outside the normal conventions
Note: Kwiklog does not error check the RST you enter, so a RST such as 9, 456

or 699 is considered valid by Kwiklog, but not by Logger.

Logger marks the Bad My RST with a “0”.

Click on the **Bad My RST** category.

The **Problem Data** frame contains a list of the **Count** and **Bad My RST** for each type of error. Normally you will only see one instance of a bad **RST**; however it is possible to have more than one.

Clicking on any row with a **Count** and **Bad My RST** transfers the data to the **Log Problems: Bad My RST** frame which displays the data as a list. Notice the last column in the list is **Source** which could be a **Book** or a **QSO**; that knowledge may help your research.

Click a row in the list, 4 buttons appear in the **View** frame to help you correct the **Bad My RST**. Two additional buttons are in the **Change My RST** frame.

Note: These buttons may or may not help you find the correct RST. Your best source is your original paper logs or Kwiklog.

View Frame:

- **By Same Call:** - Displays all QSOs with the same **Call**.
This button probably won't help you much. All you could do would be to “borrow” a RST from another QSO.
- **By Same Date:** - Displays all QSOs with the same **Date**.
This button probably won't help you much. All you could do would be to “borrow” a RST from another QSO.
- **By Same County:** - Displays all QSOs in the same **State** and **County**.
This button probably won't help you much. All you could do would be to “borrow” a RST from another QSO.
- **By Same State:** - Displays all QSOs in the same **State**.
Again, this button probably won't help you much. All you could do would be to “borrow” a RST from another QSO.

Change My RST Frame:

- **Change:** This button is probably the most important. It brings up the **Change To:** frame. Use this button if you have solved the problem using other resources like your paper Logs or by examination of your Kwiklog files.
- **Delete Record:** If the puzzle isn't solved, the alternative is to delete the record with the **Bad RST**.

Change To: Allows you to **manually** type-in the correct **RST**.

- **OK** - Substitutes the new **RST** for the **Bad RST**.

- **Cancel** – Returns to the previous screen

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Correct Import Problems: Bad Time(s)

Correct Import Problems: Bad Time(s)

[Previous](#) [Top](#) [Next](#)

The likely reasons for Bad Times found during the conversion process are:

- The data was somehow corrupted.
- The Time is missing or typed incorrectly.
Note: Kwiklog does not error check the time you enter, so a time such as 12::00 or 24:05 is considered valid by Kwiklog, but not by Logger.

Logger marks the Bad Time with a “0”.

Click on the **Bad Time(s)** category.

The **Problem Data** frame contains a list of the **Count** and **Bad Time(s)** for each type of error. Normally you ll only see one instance of a bad Time; however it is possible to have more than one.

Clicking on any row with a **Count** and **Bad Time(s)** transfers the data to the **Log Problems: Bad Time(s)** frame which displays the data as a list. Notice the last column in the list is **Source** which could be a **Book** or a **QSO**; that knowledge may help your research.

Click a row in the list, 4 buttons appear in the **View** frame to help you correct the **Bad Bad Time(s)**. Two additional buttons are in the **Change Bad Time(s)** frame.

Note: These buttons may or may not help you find the correct time. Your best source is your original paper logs or Kwiklog.

View Frame:

- **By Same Call:** - Displays all QSOs with the same **Call**.
This button probably won t help you much.
- **By Same Date:** - Displays all QSOs with the same **Date**.
This button probably won t help you much.
- **By Same County:** - Displays all QSOs in the same **State** and **County**.
This button probably won t help you much.
- **By Same State:** - Displays all QSOs in the same **State**.

Again, this button probably won't help you much.

Change Time Frame:

- **Change:** This button is probably the most important. It brings up the **Change To:** frame. Use this button if you have solved the problem using other resources like your paper Logs or by examination of your Kwiklog files.
- **Delete Record:** If the puzzle isn't solved, the alternative is to delete the record with the **Bad Time**.

Change To: Allows you to **manually** type-in the correct **Time**.

- **OK** - Substitute the new **Time** for the **Bad Time**.
- **Cancel** – Returns to the previous screen

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Correct Import Problems: New Calls

Correct Import Problems: New Calls

[Previous](#) [Top](#) [Next](#)

The likely reasons for New Calls found during the conversion process are:

- The data was somehow corrupted.
- The Call was typed incorrectly or the Call is not found in the Logger databases. Examples: W4RKC sounds like W4RKV, transposed letters W9SME should be W9MSE, typed "O" instead of "0".

Click on the **New Call(s)** category.

Count	New Call(s)
00007	K3SJW
00004	W9KL

- 355 New Call(s)
- 0 Bad Date(s)
- 141 Bad Time(s)
- 0 Bad My Counting

The **Problem Data** frame contains a list of the **Count** and **New Call(s)** for each type. Normally you'll only see one instance of a new call; however it is possible to have more than one.

Clicking on any row with a **Count** and **New Call(s)** transfers the data to the **Log Problems: New Call(s)** frame which displays the data as a list. Notice the last column in the list is **Source** which could be a **Book** or a **QSO**; that knowledge may help your research.



View Frame:

Sounds Like Calls: Brings up the **Other Logged Data** frame which displays a list of Calls from the **Logger** database that are similar to the **New Call**.

Example: KC5H should be KT5H.

Select a **Call** from the **Other Logged Data** frame to use as the substitute.

The **Change Call To** frame will appear with the **Call** you selected.



- **OK** changes all occurrences of the **New Call** to the substitute.
- **Cancel** – Restores the screen to previous condition.
- **By Same Date:** - Displays all QSOs with the same **Date**.
This button might help if you had more than one contact with the person on the same day. Click on a Call and it will transfer to the **Change To** frame.
- **By Same County:** - Displays all QSOs in the same **State** and **County**.
This button might help if you had worked the person before in the same County. Click on a Call and it will transfer to the **Change To** frame.
- **By Same State:** - Displays all QSOs in the same **State**.
This button might help if you had worked the person before in the same State. Click on a Call and it will transfer to the **Change To** frame.

Change Call Frame:



- **Change:** This button is probably the most important. It brings up the **Change To:** frame (See above). Use this button if you have solved the problem using other resources like your paper Logs or by examination of your Kwiklog files.
- **Keep:** If the **New Call** is a good Call, this button will move the Call to the **Logger** databases and remove the Call from the **Import Problems** list.

Note: You need to make a note of this Call so you can later go to **View/Edit** –

County Hunters and add the additional information for the Call.

- **Delete Record:** If the puzzle isn't solved, the alternative is to delete the record(s) with the **New Call**.

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Appendix B - Reinstalling Logger

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Reinstalling Logger

Reinstalling Logger

[Previous](#) [Top](#) [Next](#)

Use Reinstall as a last resort to fix a problem that has eluded other methods. Before resorting to a Reinstall, **Backup and Copy your files to a safe place.**

The files you need to copy in the Logger Data folder:

C:\Logger Data\County Hunter - (Your Call).mdb
C:\Logger Data\County Hunters - Common.mdb

There are 2 methods to Reinstall Logger:

1. From your CD you received when you purchased Logger.
(Not recommended if your CD is more than 1 year old)
2. Download a new Install from the Internet.
(Recommended if you have a fast Internet connection.)

1. From the CD:

Place the **Install CD** in the drive, it should "auto run".
Continue through the install until you get the "Finish"

Logger will start - Click on **Logger** to continue the reinstall. The reinstall will go through 4 steps:
Download the Database 'CountyHuntersMaster' from the server;
Update "County Hunter - Common" to the latest changes;
Change call "Logger" to your Call - Type your **Call** and **Key**;
Restart Logger using your Call.

Note: Installing from the CD will install the program version that was current at the time you purchased the CD. You will need to update to the latest version.

If your CD is not the latest version - go to **Tools - Download Updates - Download the latest version.**

If your CD is older than 1 year, you cannot use the new features of **Tools** and must download the new version from the web. Go to <http://marac.org/loggerupdate/> - Log In and download the latest version. Click **Save File** - "**Update MARAC Logger.exe**" in the same folder as the Logger program - usually **C:\Program Files\MARAC Logger** - then **Run**

2. Download from Internet.

If you don't have an Install CD, it's too old, or you want to use the latest method - go to

<http://marac.org/CHdownloads/> click on **Install Logger Using Download.exe** After the install downloads - click **Run**. Continue through the install until you get the "**Finish**".

You now have a "clean" start with Logger.

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Appendix C - Hints for Team Operations

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Hints for Team Operation

Hints for Team Operation

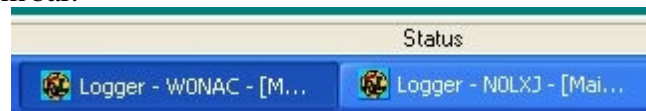
[Previous](#) [Top](#) [Next](#)

Logger allows you to log to your database with the option of logging to your partner s database by using the check in the box in the **Log Entry – Fixed or Mobile** screens.



It does not allow you to log to your partners database only.

One of the ways to get around this is to have 2 copies of Logger running. Start logger with your Call, minimize the screen, then start Logger with your partner s Call. You should see both programs running in the bottom bar.



You can click on the one you want to use, or use **Alt-Tab** to switch programs.

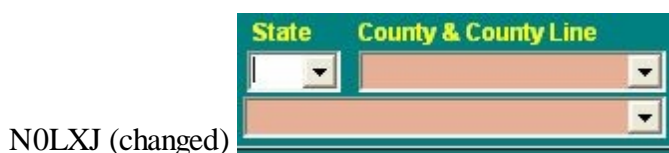
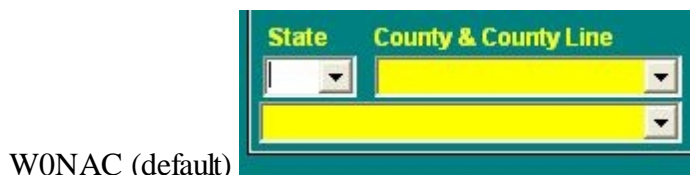
One more problem you can solve; Both programs look the same except the Call in the upper left corner.



You can use **View/Edit – Settings – Preferred – Color Scheme** to make the two programs look different. Something as simple as changing a background color for one of the Calls.



Use the **Color Palette** to select a different color. Now you can have:



You can make other changes as you desire, like screen background.

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Appendix D - Troubleshooting

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Backup and Compact error 75

Backup and Compact error 75

[Previous](#) [Top](#) [Next](#)

The error message:

```
Error occurred in Module Name Compact Database ...
Renaming User Database to Backup Name ...
Locking Database still exists: True
Error 75 Path/File access Error
```

A Database has been left open - **Quit Logger and Restart.**

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Call not on Web Site

Call not on Web Site

[Previous](#) [Top](#) [Next](#)

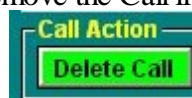
When importing old logs into Logger, you may run into calls that are not in the MARAC database. These are classed as **New Calls** and will go into the **New Calls List**. You check these calls on the web site and you get **‘Error: Call: AA0GX: Not Found’**. Three reasons for this could be: The Call is inactive; The Call was misunderstood; or Bad Call

Call inactive: The FCC keeps records for 3 years after a Call goes inactive. If you know the Call is good, but cannot find any information about the Call, you must assign a Name of **Unknown** to the Call. Then you can delete the Call from the **New Calls Lists**.

Click on Call to check, Click **Check Web Site**, - **Error: Call: AA0GX: Not Found**.
Type **Unknown** in the First Name field:

Call:	AA0GX	Call ID:	100001
First Name:	Unknown		

Then press **Delete Call** to remove the Call from the **New Calls List**.



The Call remains in the **Log**, but is removed from the **New Calls List**.

Call misunderstood: Click on Call, Click on **Similar Calls**, if you see the correct Call click on

it, Click **Replace Call** and all instances of the Call in your **Log** will be replaced.

Similar Calls		New Calls	
Call	Name	State	County
AA1ED	Stephen	ME	Androscoggin
KA1CV	Edward	CT	Hartford
AA1TT	William	NH	Sullivan

Call Action
Replace Call

If you know the correct Call, type the Call in the box and click “**Not on List Replace with:**”

Not on List Replace With:
<input type="text"/>

All instances of the Call in your **Log** will be replaced.

Bad Call: All contacts with the **Bad Call** must be removed from the **Log** before you can delete the Call from the **New Calls List**.

Go to **View/Edit – Log – Call**, type **Call – OK**, select all, **Delete**

Come back to **View/Edit – County Hunters – New Call**
Select the **Bad Call** and type “**Bad Call**”, click **Delete Call**.

Call:	AA1ER	Call Action
First Name:	bad call	Delete Call

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Download - Problems

Download - Problems

[Previous](#) [Top](#) [Next](#)

Problems with downloading a new Version:

XP - Go to **Start - Log Off - Switch Users**.

Make sure you are **not** using a "Guest" account.

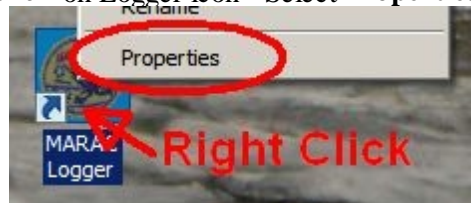
Vista - Go to **Start – Control Panel – User Accounts and Family Safety – User Accounts**

Temporarily uncheck:

“**Use User Account Control to help protect your computer**”.

Windows 7

Right click on Logger icon - Select **Properties**



Click on **Compatibility** tab



Place a check in the **Run this program as an administrator** box

Click - **Apply** and **OK**

Problems with downloading the County Hunters Master:

Some users have reported problems after trying to download the **County Hunter Master**. If the download fails in any way, you now have a corrupt **County Hunter Master** and Logger will not run. There are three ways to fix this problem:

Method 1:

Using Windows – Go to **C:\Logger Data**, select the file **CountyHuntersMaster.mdb** and drag it to the Recycle Bin. Start Logger, you will get a warning CHM is missing. Go to **Tools – Download Updates – Download CHM** again, and **Update from Master**. Logger should now be OK.

Method 2:

Go to <http://marac.org/loggerupdate/> - Log-in and download the **CountyHunterMaster.mdb** to your **C:\Logger Data** folder. (The file will be named CountyHuntersMaster.x). You will now have 2 County Hunter Master files:



Restart Logger - go to **Tools - B&C - Update From Master**

You will get a **Notice** that both files have been found. The old ".mdb" will be deleted and the ".x" file renamed to ".mdb"



Click OK to make the substitution
Go to **Tools – Update From Master.**

Method 3:

If you do not have Internet access, use another computer to download CountyHuntersMaster.x to a memory stick, then copy to your **C:\Logger Data** folder and restart Logger.

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Logger Clock - wrong

Logger Clock - wrong

[Previous](#) [Top](#) [Next](#)

Logger gets its time from your computer, so the problem is not in the Logger program.

Go to **Start – Control Panel – Date and Time – Time Zone Tab.**

Make sure your correct **Time Zone** is selected and the “**Automatically adjust clock for daylight savings changes**” is checked

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Lost my Logger Key

Lost my Logger Key

[Previous](#) [Top](#) [Next](#)

Go to the web site:

<http://marac.org/loggerupdate/>

Click on "**I forgot my MARAC Logger Key. Please Email me my key**"
You will be sent your key by email.

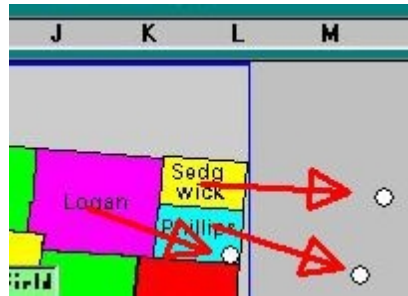
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Map Program - Display misalignment

Map Program - Display misalignment

[Previous](#) [Top](#) [Next](#)

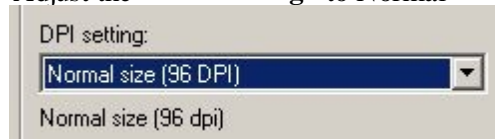
Some users have reported that the map does not fit with the dot overlay when displaying your Needs.



This was traced to the Display settings in Windows. To fix this problem follow the steps below.

Windows XP

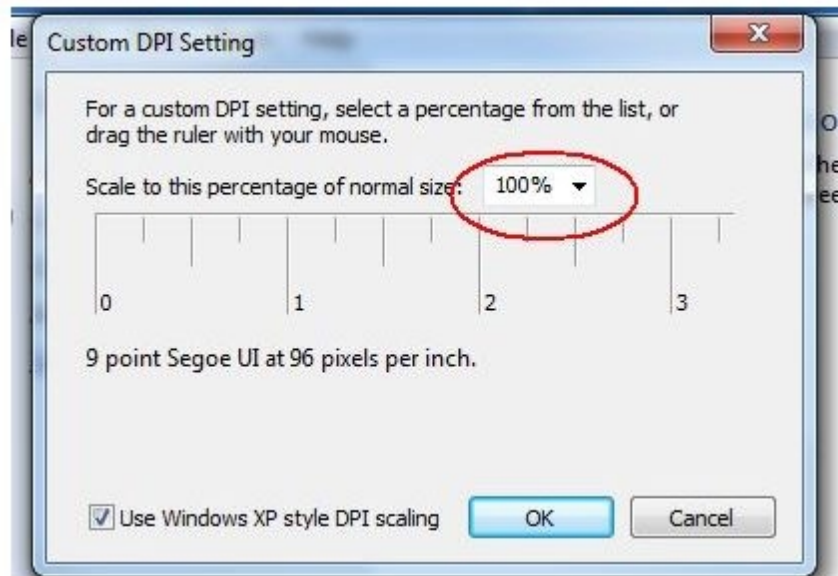
- 1) Right Click on blank spot on desktop screen
- 2) Left Click on **Properties**
- 3) Left Click on **Setting** Tab
- 4) Left Click on **Advanced Button**
- 5) Adjust the "DPI Setting" to Normal **96 DPI**



Windows 7

- 1) Left click on **Start - Control Panel**
 - 2) Left click on **All Control Panel Items**
 - 3) Left click on **Display**
Select **Smaller - 100% (default)**
- Smaller - 100% (default)

Or use **Set custom Text size (DPI)** - set percentage to **100%**



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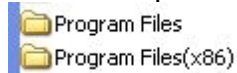
Map Program Not accessible from Vista OS

Map Program Not accessible from Vista OS

[Previous](#) [Top](#) [Next](#)

Map Program – Not accessible from Logger - Vista 64 bit computer

If you upgrade to a Vista 64 bit computer you may have problems accessing the **Logger Map** program from **Logger**. Vista 64 bit computers have 2 Program Files folders:



During the installation of **Logger** and **Logger Map**, both will install in the “**Program Files(x86)**” folder by default. If the programs are in the “**Program Files**” folder, move them to the **Program Files (x86)** folder.

Now the “**Map**” button on the **Logger - Main Menu** should work

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Membership expired

Membership expired

[Previous](#) [Top](#) [Next](#)

If your MARAC membership is current and you get the following Warning when starting Logger it means that your Common database is out-of-date.



Go to **Tools - Backup & Compact Database - OK - Hide**, then go to **Download Updates**.
 Select **Download CountyHuntersMaster: (Latest Version) - OK - Hide**
 Click **OK** to Update From CountyHuntersMaster.

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Printing MRCs

Printing MRCs

[Previous](#) [Top](#) [Next](#)

Most printers will not handle 3 x 5 card stock - Use 4 x 6 card stock or 8 1/2 x 11 card stock, (Rotate & Flip to get 4 per sheet), then trim to 3.5 x 5 (Standard QSL size).

Go to **View/Edit - Settings - Settings Misc**. Click "**3 x 5 Index Card**" - "**Save**"

Go to **Main Menu - Print - MRC - Test Print MRC**

Settings: (May be slightly different on your printer)

Top Margin 0.2

Left Margin 0.2

Bottom Margin 8.3

Click "**Print & Save**"

Click the "**Print**" icon in upper left corner of screen.

(Next steps may be slightly different on your printer)

Select your printer and click "**Preferences**"

Quality - Print Quality = Normal

Paper Type = Plain Paper

Layout - Paper Size = Index Card (3 x 5 in.)

Orientation = Landscape

Click "**OK**" and "**Print**"

If the test print printed OK, you are set to create your MRCs

Note: You have to go through Printer Preferences for each MRC.

Using 4 x 6 card stock is the same except:

Top Margin 0.2

Left Margin 0.2

Bottom Margin 7.3

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Run Time Error 5 - Teams

Run Time Error 5 - Teams

[Previous](#) [Top](#) [Next](#)

Logger must be able to find all databases for both team members before it will run correctly.

Start Logger with the first Call - quit Logger
Start Logger with the second Call - quit Logger

Start Logger with either Call - it should work.

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Run Time Error 7

Run Time Error 7

[Previous](#) [Top](#) [Next](#)

While viewing your Log using "From & To" dates, you may get this error.



This means you have exceeded the 14,200 records the program can handle at one time. You need to shorten the date differential.

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Using Logger on more than One Computer

Using Logger on more than One Computer

[Previous](#) [Top](#) [Next](#)

You cannot just copy the files to a different computer. That will not work!
Logger must be **Installed** on each computer.
See **First Time Installation - [Installing Logger over the Internet](#)**

The initial installation will create "empty" data files and probably install an old version of Logger. Two folders must be copied to the second computer to correct this: First, copy the entire contents of C:\Program files\MARAC Logger to the second computer and "overwrite" all files; Second, do the same for C:\Logger Data.

Special Note: **Logger can be used on only ONE computer at a time.** If you need to switch from logging on your desktop computer to your Laptop, you **MUST** move all the required files to the Laptop to keep the 2 computers "in-sync". Later, to use the desktop again you **MUST** move all the files back.

For updating see note below.

To keep the computers synchronized you must keep these files the same on both computers:

In the **C:\Program files\MARAC Logger** folder you need to copy these 2 files to keep the program versions the same:

MARAC Logger.exe (The Logger Program)
MARACLOGGER.CHM (The Help Program)

In the C:\Logger Data folder you need to copy these 5(7) files containing your data:

County Hunter - (Your Call).mdb
County Hunters - Common.mdb
CountyHuntersMaster.mdb
Latest (Your Call) Backup
Latest Common Backup

and if the computers are used by a team,

County Hunter - (Teammate Call).mdb
Latest (Teammate) Backup

The easiest way to copy these files back and forth is to use a "Memory Stick".

Note: You do not have to Download new Versions and Update from the Master on both computers. Make sure you synchronize the files on both computers, then, update one computer, and copy all the files to the other computer.

Example: You do all your logging on your Laptop, but it is not connected to the Internet. Your desktop computer is connected to the Internet. To update the program and update from the Master, move all the files from the Laptop to the desktop. On the desktop, go to **Tools – Download Updates and update as required**. Now you can move all files back to the Laptop and start logging.

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Nothing works

Nothing works

[Previous](#) [Top](#) [Next](#)

Some files must be corrupted - save your files - do a complete Re-install.
 Then move your files back.

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Appendix E - Confirming contacts

Confirming Contacts

Confirming Contacts

[Previous](#) [Top](#) [Next](#)

Logger has only one way to show that a County is "confirmed". That is by using Logger generated QSL or MRCs that have a Returned Date.

If you don't use Logger generated QSL/MRCs, the Print Book will list the first contact for the County whether it is confirmed or not. The list will not be any good for CQ magazine without a lot of editing on your part.

When you print your USA-CA Book, the printout will show the status of each County.

Examples below:

Autauga has been worked but no MRC created;

Baldwin is listed on MRC 1804, "R" (Returned) on 9/2/04 which makes it "Confirmed".

Choctaw is listed on MRC 1930, "S" (Sent) but not returned.

County	Call(s)	His City	His Mine		Date	Band	Mode	MRC and Status
Alabama 67								
Autauga	KF5UX	Mobile	M	F	09/25/08	20	SSB	
Baldwin	KB6UF	Mobile	M	F	08/20/04	20	SSB	1804 R 09/02/04
Butler	N4JR	Mobile	M	F	05/21/04	20	SSB	2115 R 06/01/04
Calhoun	KG4UPA	Mobile	M	F	12/30/04	20	SSB	2391 R 01/11/05
Chambers	WG6X	Mobile	M	F	05/28/04	20	SSB	1912 R 06/11/04
Cherokee	W0NAC	Mobile	M	F	08/04/04	20	SSB	1450 R 08/18/04
Chilton	W7GQK	Mobile	M	F	02/03/05	20	SSB	2475 R 03/15/05
Choctaw	KJ4EJ	Largo, FL	F	F	04/24/04	20	SSB	1930 S 05/01/04
Columbia	W0TWT	Mobile	M	F	12/18/04	20	SSB	2470 R 12/14/04

A printout without Logger generated MRCs will look completely different. The MRC and Status fields will be blank, the contact may be a different one, which means the Status is "Unknown".

To make the list a "Confirmed" list, you will have to manually delete all contacts before the one that is confirmed. And you may lose filled-in slots in other Books where the contact was used. This is not a good idea! Follow the procedure below.

What to do if you have used hand generated MRCs.

Make sure your Log is complete and up-to-date.

You must create a "dummy" copy in Logger of each MRC you have received. That will assign the MRC a unique number, fill-in an approximate Sent & Returned Date and "Confirm" all the contacts on the MRC.

See the Help File section "**How To - Print/Post MRCs**" and use **Method 2** to duplicate exactly the hand written MRCs you have on hand.

eQSL contacts

How to treat eQSLs for the USA-CA Award

If you are a member of **eQSL** please note: The MARAC mobiles do not participate in **eQSL**. To do so would require them to establish a separate account and QSL card for each for each county they pass through.

Generally **eQSLs** are used for contacts from your home station to a fixed station. So, there's no need to upload your contacts with mobile operators.

Check your **eQSL Inbox**, if you do receive a **confirmed contact** with a QSL card that would count toward the **USA-CA Award** - print it out and treat it like any other QSL card. You must create and print a duplicate (dummy) using the **MRC/QSL section** of Logger so the QSL card will have an **ID number** and **Sent & Returned** dates.

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Appendix F - Installing Logger on Vista or W7

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Installing Logger on a Vista Computer

Installing Logger on a Vista Computer

[Previous](#) [Top](#) [Next](#)

Before installing Logger on a Vista computer, read the PDF located at this site.

http://www.marac.org/chdownloads/Logger_Install_for_Vista.pdf

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Installing Logger on a Windows 7 Computer

Installing Logger on a Windows 7 Computer

[Previous](#) [Top](#) [Next](#)

See Installing Logger on a Vista Computer

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Appendix G - Managing Xmitted Counties Data

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Submission for Awards

Submission for Awards

[Previous](#) [Top](#) [Next](#)

Xmitted Counties - RAS (Ran All State)

For submitting an application for this award:
Go to **Print - Book - Xmitted Counties - RAS**
You must:

1. Select a **State** (You cannot do all states at once)
2. Leave the filters set to Band **All** - Mode **All** - click **View**

This will display all the contacts since your last Nth Time for completing this State. Use **"Write to File"** to create document for the Awards Manager.

Caution: Changing the State to **ALL** or changing the filters will show incorrect results because the starting Date of Nth Times are not considered. (See "Customizing Research Queries", next topic)

Xmitted Counties - MG

For submitting an application for this award:
Go to **Print - Book - Xmitted Counties - MG** - click **View**

You can View and/or Print the output which shows the number of times you have transmitted from a County - up to 50 times:

Adams (50)	KF6ZD
Alamosa (15)	KD8HB
Arapahoe (50)	KC6NGN
Archuleta (11)	W9MY Y
Baca (26)	KBOGZR
Dallas (25)	V700B

The Total shows if you have reached the 1500 required for the MG Award

Total Worked: 4669

Use **"Write to File"** to create document for the Awards Manager.

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Customized Research Queries

Customized Research Queries

[Previous](#) [Top](#) [Next](#)

This section cannot be used for awards, but allows you to look at your entire transmitted counties data in many ways to satisfy your curiosity.

Go to **Print - Book - Xmitted Counties-RAS**, set the desired All or State, then select the desired filters - click **View**

Example questions:

How many counties have I transmitted from using 20 M CW?

Adams	N4CD	F	M	08/16/07	20	CW
Arapahoe	W7SSM	U	M	09/20/02	20	CW
Chaffee	WA2NEW	U	M	03/24/04	20	CW
Denver	WA7SLD	M	M	11/27/04	20	CW
Douglas	W6HOR	U	M	12/24/02	20	CW

Total Worked: 15

How many counties have I transmitted from using All Bands - PSK31?

Buffalo	WONAC	M	M	07/14/09	20	PSK31
Colfax	KSSF	F	M	07/14/09	40	PSK31
Dawson	WONAC	M	M	07/14/09	20	PSK31
Dodge	KSSF	F	M	07/14/09	30	PSK31
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Appendix H - Support from the Logger Team

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Getting Support

Getting Support

[Previous](#) [Top](#) [Next](#)

The Logger Support Team is a group of volunteers (WQ7A, KD5CXO, W0NAC) dedicated to see that you get the best experience using Logger. They can provide support at various levels depending on the complexity of your needs.

1. By Email

This is usually the best way to report a bug, ask a question, submit a suggestion, or get a clarification on how to do something. The email will get forwarded to the team member who can best reply.

2. By Phone

Some times it is difficult to describe a problem by email and a phone call works much better. A team member can follow you on their computer and talk you through a problem. If receiving a phone call is less expensive than you originating the call - tell us to call you back.

3. By Remote Access

We can also log into your computer remotely and help with an install, recover lost files, correct wrong versions, and things of that sort that are just plain confusing. Your Logger team can access your computer to solve many problems IF YOU HAVE HIGHSPEED INTERNET.

A satellite connection can work, but it is very slow. Dial up service is just impossible.

Note: In preparation for us accessing your computer please do the following.

1. Disable the Windows Firewall
2. Disable any Virus checkers.
3. Disable or reduce to minimum the User Account Control in Vista or Windows 7.
4. Make sure you are signed in as Administrator of your computer.
5. Reboot your computer.

The program we are using is free. It requires no program install, no account, no sign-in, and no Viruses or Malware; It uses just one download of an "exe" file to Save and Run.

If you need to use this method - click on the link below:
(You must be connected to the Internet)

[Team Viewer Quick Session](#)

This will download a file "TeamViewerQS.exe" - **Save** it to your desktop; you may need it several times.

Double click on the TeamViewer icon to **Run** - you will get this:



Make arrangements with one of the team members to use "Your ID" & "Password" to log onto on your computer and help at a time when it is convenient for both parties. It is best if you are also connected by phone so we can explain what we are doing. The alternate to having a phone connection is to use email and the built-in Chat Box.

For your security, we cannot log into your computer a second time until you create a new session. Another session requires running the "exe" download on the desktop again and getting a new Password.

If you did not save the "exe" - download it again by using the above URL Link.

Then notify a team member you would like to set up another session.

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[Previous Top](#)

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