Template2022.xlsm

Excel from Office 360 was used to test the macros. Net Logger v3.01.

Each award tab is formatted, as specified in the rules, for attachment to the award application. See the OMISS web page for the complete rules for each award.

The OC\_Config tab has locations for your call sign (cell A2), your OM # (cell B2) and the path to the text files. After you enter your call sign in the yellow box and OM 3 in the gold box, these values will be copied to the remaining worksheets, so the formatting complies with the Award Rules. (Suggestion from KA5PMV). See Figure 1.

The 2022 version includes routines:

1. to read an ADI file generated by Net Logger for data import. **WARNING** – Errors in the Net Logger Data may cause problems. Many common errors are trapped during the import. Check your OM\_Ct sheet! County and Grid information is usually not included for non-members and needs to be manually added to the OM\_Ct tab. Missing or incorrect values for frequency and band are marked in red. Missing county values are flagged in yellow. DX contacts need a country listed in column X and may need to be manually corrected. Mobile and portable contacts need “MOBILE” or “Portable” in column W. City is not included as a separate value in the ADI file and needs to be manually input in column K. Three versions: A\_GetADI performs an append to any data in OM\_Ct. A\_GetADI\_AskDup looks for duplicate contacts and asks if it should be added to the list. A\_GetADI\_No\_Dup does not append any duplicate contacts.
2. to read a text file from the OMISS web site containing membership list. A\_UpDateMembers
3. to read a text file from the OMISS web site containing military members. A\_UpDateMilitary updates columns A-E in the MilRoster tab.
4. to read a text file from the OMISS web site containing First Responder members. A\_UpDateFirstResponder updates columns A-I in the FRroster tab.
5. calculations for the OM 100 (RED, GREEN, SILVER, and GOLD) awards 2018 through 2024. All eight bands on which OMISS has nets.
6. to check the OM\_Ct tab for new members. A\_check4member uses the member roster file to check if non-member contacts have joined.
7. A\_Alpha searches for 2x1 calls to complete the alphabet on 8 bands. Alfa tab.
8. A\_Award5x25 creates a table that contains contacts for each member and sorts by the number of contacts (5x25 tab) for the 5x25, 6x25, 7x25, 8x25 and multiples awards.
9. A\_CallDist looks for values to complete the Call District award.
10. A\_Capitols looks for values to complete the Capitals award. The capitals tab needs to be updated to account for members in State Capitols. Use the A\_UpdateStateCapitols macro.
11. A\_Centurion finds contacts for the Centurion award.
12. A\_CityCounty finds citys with the same name as the county. Requires that column K in OM\_Ct have the city name.
13. A\_Counties sorts county contacts by band for the Counties and Twin Counties awards. Is slow.
14. A\_DXCC finds DX contacts and sorts by band.
15. A\_EspritDeMil finds military contacts, sort by Squad, Platoon, and Company.
16. A\_Family\_Tree finds contacts where the right most 2 numbers of the member number matchs your number. Requires that your member number be entered in cell B2 of the OC\_Config tab.
17. A\_FatherTime finds contacts to complete the Father Time Award, sorts by band.
18. A\_FirstResponder finds members that are first responders, forms groups of 25, and sorts by responder type.
19. A\_Fort looks for contacts in the 361 US cities where the name starts with Fort. Needs the city name in column 11 of the OM\_Ct tab.
20. A\_GridSquare finds contacts in unique grid squares, sorts by band.
21. A\_KingsQueens finds contacts with members who have received the Top-Op award. The list of winners needs to be updated monthly.
22. A\_Membership sorts member contacts by band.
23. A\_Millionaire adds member numbers to a value just short of the limit for each award.
24. A\_MobileCounties finds mobile contacts in unique counties.
25. A\_NightOwl finds contacts for the Night Owl award
26. A\_Postal finds contacts for the Postal Award, sorts by band.
27. A\_President finds contacts where the City/Town/Village or County name is the same as a US Presidents name.
28. A\_Princess finds contacts with known XYL, sorts by band. Update the XYL OM # list in column A of the XYL tab.
29. A\_RiverRoad looks for contacts in the counties that border on the Mississippi River.
30. A\_Route66 looks for mobile contacts in the counties that Route 66 ran through.
31. A\_SCRABBLE uses the letters in the call sign to form words in the Scrabble dictionary. Sorts by band. Is slow.
32. A\_SpellBee finds contacts to complete the Spelling Bee award. Sorts by band.
33. A\_StateFlg finds contacts to complete the State Flag Award; sorts by band.
34. A\_StateHood finds contacts to complete the Statehood Award; sorts by band.
35. A\_US\_Military finds contacts with members who had served in the US military. Sorts by branch and band.
36. A\_VIP finds contacts with VIP members.
37. A\_WACanada finds contacts for the Worked All Canada Award. Sorts by band.
38. A\_WAS searches for contacts to complete all of the WAS variants.
39. A\_Wpx searches for unique contacts using the call prefix to complete the Prefix Award. Sorts by band.
40. A\_Y2k searches for contacts for the Y2K Award.

Please follow the instructions below to ensure proper operation of the macros.

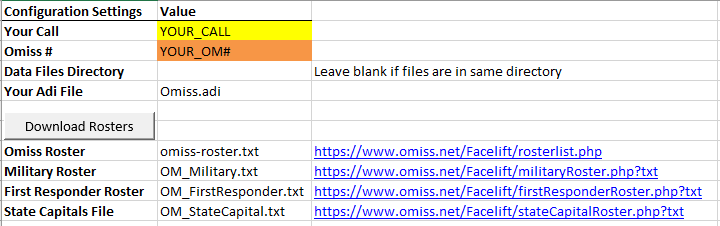
1. Make a folder to hold Template2022.xls, Instructions4Excel2022.doc, and the .txt files that will be downloaded from the OMISS web site. Save the Template2022.xlsm and Instructions4Excel2022.doc to this folder. If using Excel 2007 or newer, save the file as a macro enabled spreadsheet.
2. Open the Excel file and respond in the affirmative, if asked, to enable macros.
3. Open the OC\_Config tab and enter your call sign in cell A2, OM # in cell B2 as shown in Figure 2.
4. Enter your member number in cell B3.
5. Leave the data files directory path empty if you want to save your data files in the same directory as the excel template file. If you want to save your data files in a different directory, enter the path to that directory in cell B4.
6. (Optional) Enter the filename for the omiss-roster.txt file in cell B8.
7. (Optional) Enter the filename for the OM\_Military.txt file in cell B9.
8. (Optional) Enter the filename for the OM\_FirstResponder.txt file in cell B10.
9. (Optional) Enter the filename for the OM\_StateCapital.txt file in cell B11.
10. Save the Excel workbook with a new name (macro enabled if Excel 2007 or higher)!
11. Press the button “Download Rosters” to automatically download all of the rosters from the OMISS website. You may click this button anytime you would like to update all of the roster files.
12. Open Net Logger, Select Export Contacts, To ADIF file. Check Export All records. Enter the file name and location specified in step 5. After the initial download, only new contacts need be selected because A\_GetADI appends rather than overwrites data in OM\_ct. An ADI file is simply text with some identifiers in a standard format. A\_GetADI reads the file and converts the data for use in Excel.
13. Press the GetADI button on the OC\_Config tab to import your Net Logger data.
14. Press the Update Members button to add members who joined after 10 March 2014.
15. Press the Update Military button to add new military members to the MilRoster tab.
16. Press the Update First Responders button to add new First Responders to the FRroster tab.

At this point, you should check your OM\_Ct tab looking for missing call signs, states, counties, and frequencies. After making corrections, you are now ready to run any of the other A\_ macros that will display your progress toward OMISS awards. Watch for cells in yellow or red.

You may freely adjust column widths, font sizes and styles to fit your taste. If the numbers in a column don't look right, right-click on the column and change the format to an appropriate value. Frequencies should be to 3 decimal places. Member numbers are always integers. Date and time formats can be changed as desired. Columns G, H, I, O, P, S, T, U, and V are not used by any macro and you can put any value into those columns. Never change a row or column position because the macros all use row and column indices for the computations.

If you find a problem, something does not work correctly, send you workbook back with a report of the malfunction and I’ll try to fix it. Skype address: dr.m.l.maddox email: [mikelmaddox@aol.com](mailto:mikelmaddox@aol.com)

Figure 1.



Macros

**A\_GetADI**

This routine reads an ADI file created by Net Logger and sorts the entries by OM number.

**The complete path to the ADI file must be in cell B4, and filename in B5 on the OC\_Config tab. See Figure 1.**

Entries that do not have a net name starting with OMISS are discarded as not OMISS contacts. Check your Net Logger entries before exporting the ADIF file.

If the frequency is not included in the file or is non-numeric, it is saved as 1.1 and the background is set to red. If the band is missing, the cell is set to red.

To create the ADI file, open Net Logger, select File, Export Contacts, To ADIF file. The first time, you should check “Export All Records”. See Figure 2. After that, you can select those records for export by control clicking the desired records. Save the ADIF file to the folder created above. See Example in Figure 4. A\_GetADI appends the new contacts to the end of the OM\_Ct tab and then sorts the sheet by member number. You will need to manually check for null entries for names, states, and counties. Any entry with a null county will be added to the BadCounty tab when A\_counties is run.

**A\_GetADI\_AskDup**

Similar to the A\_GetADI macro but asks if apparent duplicates should be added.

**A\_GetADI\_No\_Dup**

Similar to the above but duplicates (same call, date, band, and within one minute) are not added.

**A\_UpDateMembers**

This routine reads the omiss-roster.txt file that can be downloaded from the OMISS web site, Rosters Main Page. The complete path to this file must be saved on the Rosters tab in cell B1. Calls A\_Check4Members. This routine checks entries in OM\_Ct to see if a contact has become a member.

**A\_Check4Members**

The macro checks those entries not having a member number to see if the call exists in the member roster. It can be run without updating the member roster.

**A\_UpDateMilitary**

This routine reads the OM\_Military.txt file that can be downloaded from the OMISS web site, Military Roster page. The complete path to this file must be saved on the Rosters tab in cell H1. Calls A\_check4Military

**A\_check4Military**

The routine checks that the military roster on the MilRoster tab is complete and adds any new Military members and sorts the list by OM number. When the military roster has multiple entries for a given OM number, only the first instance is added to the MilRoster tab.

**A\_UpDateFirstResponder**

This routine reads the OM\_FirstResponder.txt file that can be downloaded from the OMISS web site, First Responder page. The complete path to the file must be saved on the Rosters tab in cell O1. Calls A\_check4FirstResp.

**A\_check4FirstResp**

The routine adds any new First Responders to the FRroster tab and sorts that list by OM number.

**A\_UpdateStateCapitols**

This routine reads the OM\_StateCapital.txt file that can be downloaded from the OMISS web site, Rosters main page. The list of state capitols is stored on the Capitols tab. The path to the text file must be stored in cell K1. This list is not complete and has many errors. If you know that a contact is in a state capitol, enter the City, State (i.e. Sacramento, CA) in the Address column of the OM\_Ct tab using the format in column F of the Capitols tab. The entries in the text file from the web site where the county is not the one in which the state capitol is known to be are marked in red.

These update macros are slow. While they need to be run periodically, that should be done when the workbook is otherwise not being used. One method is to download fresh copies of the text files and then run the Main macro. It will run the membership, military, first responder, and capital update macros in sequence. Allow plenty of time. Many of the awards are for contacts with members and the macro for that award checks for the member number, not the call sign.

**A\_WAS**

Uses the data in OM\_Ct to check for all variations of the WAS awards.

**CorrectData**

Used if the data from Net Logger is moved via a CSV file. Macro is not perfect since some fields may contain line feeds. Using A\_GetADI is much better.

**A\_EspritDeMil**

Computes number of squads, platoons, and companies for Esprit de Military award. Results found on MilRoster tab. Column F has a 1 if the member has been added to a squad and a 2 if there are duplicates. Column P holds variables and column Q has the starting values.

**A\_FirstResp**

Computes number of contacts for Dispatcher, EMT, Fire, and Police. Column I holds a 1 to indicate that member has been contacted. Contacts are displayed in groups of 25. Row 2, columns D, E, F, and G hold the total number of First Responders of each type. FRroster tab.

**A\_Award5x25**

Computes number of bands for each member contacted. MultiBand tab.

**A\_Alpha**

Uses 2x1 calls for the Alphabet award, sorts by band. Alpha tab.

**A\_Nightowl**

Checks for 80 and 40m late contacts. Checks first for 80m, then 40m to ensure no duplicates. NightOwl tab. Number of contacts for each band in column O.

**A\_Counties**

Tracks number of counties by band, ensures that county is used only once. Checks for county pairs.

Puts county name in BadCounty tab if name is not found on county list in Counties tab. Correcting the county name in OM\_Ct corrects the problem (usually spelling). If you get multiple counties for a single contact, then you need to make a separate entry in OM\_Ct for each county (not necessary in your log, just on the OM\_Ct tab. Insert a row, copy the row to the blank row and correct spelling of both counties. Contacts with non-members cannot be used for the Counties Award or for the Twin Counties Award but may be used for mobile counties. The BadCounties tab is cleared each time A\_Counties is executed.

**A\_WACanada**

Checks for contacts in Canadian Provinces for Worked All Canada Award. Canada Tab.

**A\_Millionaire**

Adds member numbers to get close to award level. Leaves finding the last numbers to user if the gold seal is desired. Contacts that are not included in the totals are shown below the column. Millionaire tab.

**A\_SequenceNum**

Checks for member numbers for the OM 100 Gold, Silver, Green, and Red awards. Years 2010 through 2016 are supported. Lists numbers needed to complete the set. Each year has separate tab: Seqnnnn. SeqAny for the Red award.

**A\_Membership**

Checks for contacts with members by band. Shows total number of contacts for each band. Membership tab.

**A\_Scrabble**

Finds scrabble words that can be made from call signs. Checks for the higher value word first. Call signs can be used only once per band. Sorts by band and computes sum. Results are on the Scrabble tab. List of words is on the Words tab. Columns G, O, W, AE, AM, AU, and BC hold two numbers. The number in row 1 is the row where the next values will be written and row 4 has the sum of the column. When the sum exceeds 500, the line number can be increased to leave a few blank lines for a header and the results submitted for the award.

**A\_Route66**

Macro finds MOBILE contacts (call sign/M, or mobile or mob in columns W, K, or R) in counties through which Route 66 existed. Results are sorted by band. Contacts with KC0LIV, KC5VGD, and KB1JTB for the single mobile award are tracked. Route66 tab.

**A\_CallDist**

Finds contacts in each of the 10 call districts. Sorts by band.

**A\_Y2K**

Checks for member numbers (3930-4134) eligible for this award. Y2K tab. Pete Mann tells me that the award has never been issued by him.

**A\_Statehood**

Finds contacts in the order states were admitted to the union. Results sorted by band. Checks the UTC time if multiple contacts on a day. Macro is dependent on accuracy of data in OM\_Ct i.e. if the state value is null, then that contact cannot be used.

**A\_Wpx**

Looks for unique call prefix, sorts by band. WPX tab. **Ensure that call signs in OM\_Ct are correct.**

**A\_KingsQueens**

Looks for contacts with Top Op award winners and sorts by band. Column E has a 2 for duplicate winners and a 1 for those contacted. Each Top Op winner can be used once. The first 12 contacts in a band are marked as used. The others are shown on the sheet but saved for use in other bands. You might need to reformat some columns. The list of TopOp winners needs to be manually updated each month. TopOP tab.

**A\_Postal**

Looks for postal abbreviation for states in the prefix or suffix of call signs. Sorts by band. Postal tab.

**A\_VIP**

Checks for contacts with VIP members. Correct the column formatting if the numbers look odd.VIP tab.

**A\_SpellBee**

Checks the first and last letter of the call sign suffix to form the OMINTERNATIONALSIDEBANDSOCIETYINCORPORATED word. Sorts by band SBee tab.

**A\_Capitols**

Looks in the address field (column R) of OM\_Ct for state capitals. If not found, checks list on Capitols tab for member residence. Capitols tab. Results are more accurate if you manually add the City, State to the address column.

**A\_Centurion**

Macro sorts contacts by member number into centuries (member # ending 00-99). Eighty contacts needed for each century award. Centurion tab. Column BT holds the number found in each century.

**A\_FamilyTree**

Uses the last two digits of your member number to find family members. Your family number must be stored in cell BH2 of the FamilyTree tab. Results sorted by band. A family member may be used only once, so if you want single band endorsements, don't use the display in columns BA-BF.

**A\_StateFlag**

Checks for five unique contacts in each state. Sorts by band. You must manually check for combos that are not allowed on the same day. StateFlag tab.

**A\_GridSquare**

Sorts grid square contacts by band. Each contact must be unique. Gridsq Tab. Cell AY1 holds the number of unique grid squares found. Columns BA-BF holds the multiband results. Mobile and portable contacts usually contain the Grid Square of their QTH, not the location where the contact was made. To be accurate, you need to update OM\_Ct with the grid square of the contact. Cell AY1 holds the number of unique grid squares found.

**A\_RiverRoad**

Looks for contacts in the counties along the Mississippi River. While this is sorted by band, no band endorsement is available. Checks for contacts with KC5VGD, KC0LIV, and KB1JTB. River tab.

**A\_Cobb**

Uses contacts in GA and OH counties to spell Sleepy's name. Cobb Tab.

**A\_FatherTime**

Looks for contacts with members whose number is less than 3000. Sorts into groups of 5. Sorts by band. FatherTime tab.

**A\_US\_Military**

Looks for 25 contacts in each US Military Service. Sort by band. US\_Military tab.

**A\_Princess**

Macro uses the OM numbers in column A to search for YL contacts (12 needed). Results sorted by band. YL member numbers stored on the XYL tab and needs to be updated as new members arrive. No easy method to do this. XYL Tab.

**A\_DXCC**

Tracks DX contacts and sorts by band. Canadian Provinces, Alaska, Hawaii, Puerto Rico, Guam, and Virgin Islands are recognized as DX. Column L is checked for DX and if found, looks at column M for the country. **You will need to add the country manually to column X since the country is not always entered into Net Logger.**

**A\_MobileCounties**

Tracks contacts with mobile units, KC0LIV, KC5VGD, and KB1JTB listed separately. Each county can be used only once. MobCounty tab. The awards for mobile contacts check column W for the characters “MOB”.

**A\_CityCounty**

Work 25 stations that are in a City/Town/Village in the County with same name. Must be exact name match. Must be worked on OMISS net frequencies and OMISS net-times. Endorsements for single band, QRP, mobile and additional groups of 25.Sort you logs by OMISS NUMBER if they have one other wise sort by state. Start date is 06/28/1981. Please have QSL cards available to back up your requests.

A\_President

Looks for counties or cities/town/village with a Presidents name. A town can be used only once. Looks in column K for the city name. City name must be manually added.

A\_Fort

Looks for cities/towns/villages where the name starts with “Fort”. Looks for the city name in column K and that must be added manually because Net Logger does not have that data.

A\_Clergy

Checks for contacts with members of the clergy as shown in column A on the Clergy Tab. Update the list of Clergy from the Awards page of OMISS.NET, Clergy Award.

There are many additional macros in the workbook but they are subroutines to the one listed above and should not be run from the run macro window because there are often parameters passed from the calling routine.

**Figure 2 Export all Records**



**Figure 4 Export Location**

