

# Conflicting CW Procedure

## General

presentation of a paper to be presented by  
the Icelandic society IRA at the 2014 IARU  
Region 1 conference in Varna-Albena



# What is the paper about?

- growing confusion that has arisen in CW procedure due to errors in *Ethics and Operating Procedures for the Radio Amateur (EOPRA)*
- the need to correct the common misunderstanding that those errors are the operating procedures preferred by the IARU
- the need to reverse the effect of massive promotion of the errors in nearly 30 languages, aimed mainly at newcomers

# How?

- by asking IARU Region 1 to recommend the continued use of well-established operating procedures
- .. naming specifically some major elements thereof where EOPRA goes against all previous teaching and practice
- and bring the result to the IARU AC if carried

# The major elements being

## Recommendation

1. That IARU Region 1 recommends the continued use of well-established CW operating procedure that involves the following:
  - a) K is invitation to transmit
  - b) Station ending in AR alone is not inviting callers
  - c) K is the correct ending of a general CQ call
  - d) Putting AR or PSE ahead of K is elective
  - e) CL is an abbreviation, sent as two separate letters
  - f) KN is sent as one symbol
  - g) AR is commonly used as separator between the message part of a transmission and formalities at the end
2. That maximum publicity should be given, via member societies and other available channels, to this recommendation.
3. If this recommendation is carried, the Region 1 EC is instructed to bring this result to the IARU AC at the first possible opportunity.

# Timeline

- After 2000      growing frustration over declining operating behavior
- 2006            ON4WW's "Operating Practice" (correct on K)
- 2008            EOPRA
  - June          IARU AC resolution 08-1 in Konstanz
  - Nov          IARU Region 1 recommendation in Cavtat
- 2009            Publication of the Icelandic translation of EOPRA
- 2011 August    conversation with ON4UN
- 2012 March    "*An Assessment of CW Procedure*" sent to ON4UN
- 2013 Feb       "*Tentative Survey of Ending after CQ*" sent to ON4UN
  - April        resolution of the IRA Examination Committee
  - May         informal discussion with IARU in Reykjavík
  - May-Nov    extensive negotiations with ON4WW
- 2014 March    formal letter from IRA to IARU

# Documents

- All relevant documents are accessible at the link:
- <http://bit.ly/MGrcRj>
- Referring to this link is the best way to share the information



## IRA Examination Committee

Icelandic Radio Amateurs

Following links concern the book “Ethics and Operating Practice for the Radio Amateur” by ON4UN and ON4WW, recommended by IARU for adoption. Note that the *content of this page may change* from time to time.

### **By IRA Examination Committee**

*“Resolution of April 29th 2013”*

<https://dl.dropboxusercontent.com/u/9259789/EOPRA/IRAexamCommResol29Apr2013.pdf>

*“Explanatory Notes by the IRA Examination Committee”*, full version with references

<https://dl.dropboxusercontent.com/u/9259789/EOPRA/ExplanNotesIRAexamComm.pdf>

### **Assessment and Survey Papers**

V. Kjartansson, TF3DX: *„An Assessment of CW Procedure v2“*, March 2102

[https://dl.dropboxusercontent.com/u/9259789/EOPRA/CWprocAssesmnt\\_v2.pdf](https://dl.dropboxusercontent.com/u/9259789/EOPRA/CWprocAssesmnt_v2.pdf)

V. Kjartansson, TF3DX: *„Tentative Survey of Ending after CQ, April-Sept 2012“*

[https://dl.dropboxusercontent.com/u/9259789/EOPRA/SurveyProc2012\\_v2.pdf](https://dl.dropboxusercontent.com/u/9259789/EOPRA/SurveyProc2012_v2.pdf)

## Basic References

John Devoldere, ON4UN, and Mark Demeuleneere, ON4WW: *Ethics and Operating Procedures for Radio Amateurs*, Edition 3 (June 2010).

<http://www.ham-operating-ethics.org/files/1-Eth-operating-EN-IARU-R1-V3-CORR-2011.pdf>

\*\* <https://dl.dropboxusercontent.com/u/9259789/EOPRA/1-Eth-operating-EN-IARU-R1-V3-CORR-2011.pdf>

Recommendation ITU-R M.1172 (1995).

[http://www.itu.int/dms\\_pubrec/itu-r/rec/m/R-REC-M.1172-0-199510-I!!PDF-E.pdf](http://www.itu.int/dms_pubrec/itu-r/rec/m/R-REC-M.1172-0-199510-I!!PDF-E.pdf)

Recommendation ITU-R M.1170-1 (03/2012)

[http://www.itu.int/dms\\_pubrec/itu-r/rec/m/R-REC-M.1170-1-201203-I!!PDF-E.pdf](http://www.itu.int/dms_pubrec/itu-r/rec/m/R-REC-M.1170-1-201203-I!!PDF-E.pdf)

Recommendation ITU-R M.1677-1 (10/2009), referring to radio amateurs and Morse<sup>\*</sup>

[http://www.itu.int/dms\\_pubrec/itu-r/rec/m/R-REC-M.1677-1-200910-I!!PDF-E.pdf](http://www.itu.int/dms_pubrec/itu-r/rec/m/R-REC-M.1677-1-200910-I!!PDF-E.pdf)



## **Correspondence with IARU<sup>\*</sup>**

IRA letter to IARU, 3. March 2014

<https://dl.dropboxusercontent.com/u/9259789/EOPRA/IARUdeIRA.pdf>

Reply from IARU, 24. March 2014

[https://dl.dropboxusercontent.com/u/9259789/EOPRA/IRA\\_CW\\_response1-1.pdf](https://dl.dropboxusercontent.com/u/9259789/EOPRA/IRA_CW_response1-1.pdf)

## **IRA paper to Region 1 Conference<sup>\*</sup>**

Paper to be presented by IRA to the Region 1 conference in Varna-Albena Sept. 2014

[https://dl.dropboxusercontent.com/u/9259789/EOPRA/IRApaperVarnaAlbena2014\\_Calibri.pdf](https://dl.dropboxusercontent.com/u/9259789/EOPRA/IRApaperVarnaAlbena2014_Calibri.pdf)

\* New entry, 12. April 2014

\*\*Alternative URL, 6. July 2014

# 3 levels of complexity

The documented material is thought of as providing 3 levels of digging into the subject:

1. Reading the **IRA Varna-Albena paper itself** with “Explanatory Notes” *without* references  
[https://dl.dropboxusercontent.com/u/9259789/EOPRA/IRApaperVarnaAlbena2014\\_Calibri.pdf](https://dl.dropboxusercontent.com/u/9259789/EOPRA/IRApaperVarnaAlbena2014_Calibri.pdf)
2. Using the 2 **research papers** and the **IRA-IARU correspondence** to check statements in 1
3. Using the version of “Explanatory Notes” *with* references  
<https://dl.dropboxusercontent.com/u/9259789/EOPRA/ExplanNotesIRAexamComm.pdf>  
for detailed comparison with all sources given, such as the ITU-R Recommendations (International Radio Regulations)

Go to “Explanatory Notes with references”  
via <http://bit.ly/MGrcRj> for demonstration.

# Current situation

- featured in August 2014 Practical Wireless
- strongly supported in Key Note issued end of July
- only positive comments received so far
- *The EOPRA webpage has been down since earlier this summer*



# IARU

International Amateur Radio Union

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# Complicated details perhaps - but a simple task

- check that nowhere in EOPRA does it mention making deliberate changes to the established CW procedure in question
- check that neither was that the intention of the IARU
- stay with your society's long time teaching and common practice

**mni tnx AR**

**de TF3DX K**