

# **Learning Morse Code - The Right Way!**

## **Lesson - 16**

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by

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**'Sending is as Important as Receiving'**



# Today's Coverage

- QCX - an interesting CW Trx (by OM Ragav VU3VWR)
- Revision of last class:-
  - Some Important Concepts
- Sending Morse - learning the Right Way!
- Tracking JLM / LCWO results with Students' List individually using shared Google Sheet
- The Way Ahead - add characters/numbers one by one daily
- Questions



# QCX CW Transceiver Single Band



# Some Important Concepts: Revision

## Concept 1:

Difference between CW and Morse



Learn Morse Code The Right Way.

MORSE  
(SAMUEL)  

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CW  
CONTINUOUS WAVE  
MODE

3:05 / 15:54

lcwo-CW 002.mp3

Show all





# Some Important Concepts

## Concept 2

Why are we learning at 12 WPM character speed  
and  
not at 8 WPM or even slower, to begin with?

## Sub-Concept

Exam Speed 8 (Characters and WPM ie., 8/8)

## Sub-Concept

Koch Method with Farnsworth Timing



Learn Morse Code The Right Way.

GIL

---. ....

Speaker icon ---. G

4:10 / 15:54



Learn Morse Code The Right Way.



G

GIL

Hear Sound - See Letter





# Some Important Concepts

## Concept 3

Start of a session : CT

End of a session : CL

# Sending Morse : Do's

- Adjust Key
- Develop Technique
- Practice

# Sending Morse : Do's

- Dot : Dash Ratio = 1 : 3
- Spacing between Letters = 3 dits
- Spacing between words = 7 dits  
= 2 Dahs with a dit space in-between

## Ham Radio - Learning Morse code, three things to avoid for better sending

WELIKEDRIVING



10:19 / 15:35



## Sending Morse : Dont's

- Wrong Learning : Difficult to Undo & Re-learn
- Bad Code sending is painful - 'Rythm' is the key!!
- May not convey the intended message
- Do not send faster than you can receive





# Sending Morse : Tips

- Take feedback to improve - listen to your own recording
- Use Technology to Improve Sending with Perfect Timings (Next Class)



# Sending Morse :Training Film - Youtube

Learn to Send Perfect Morse Code by Hand - Vintage  
Training Film (Ham Radio / CW)

<https://youtu.be/qmg1MlstxWM>

Ham Radio - Learning Morse code, three things to avoid for  
better sending

<https://youtu.be/3sqiyJi6YM8>





NW7US



18:17 / 19:47

<http://NW7US.us> ~ <https://YouTube.com/NW7US>





Play (k)

NW7US

<http://NW7US.us> ~ <https://YouTube.com/NW7US>



16:57 / 19:47



# Exploring LCWO.net

## Speed Practice

- [Code Groups](#) (Including 'How to download MP3 Files')
- [Plain Text Training](#)
- [Word training](#)

## Miscellaneous

- [Convert text to CW](#)
- [MP3 practice files](#)





## Tracking JLM / LCWO results with Students' List

Individuals' Progress Review



# The Way Ahead - Zoom On @15/8 speed!

'ETK I N A M S O D R' + 'H U C L' : DONE SO FAR

Add 'P F W Y G B' one at a time and practice till you get above 90% accuracy

P : Di-dah-dah-dit

F : Di-dit-dah-dit

W : Di-dah-dah

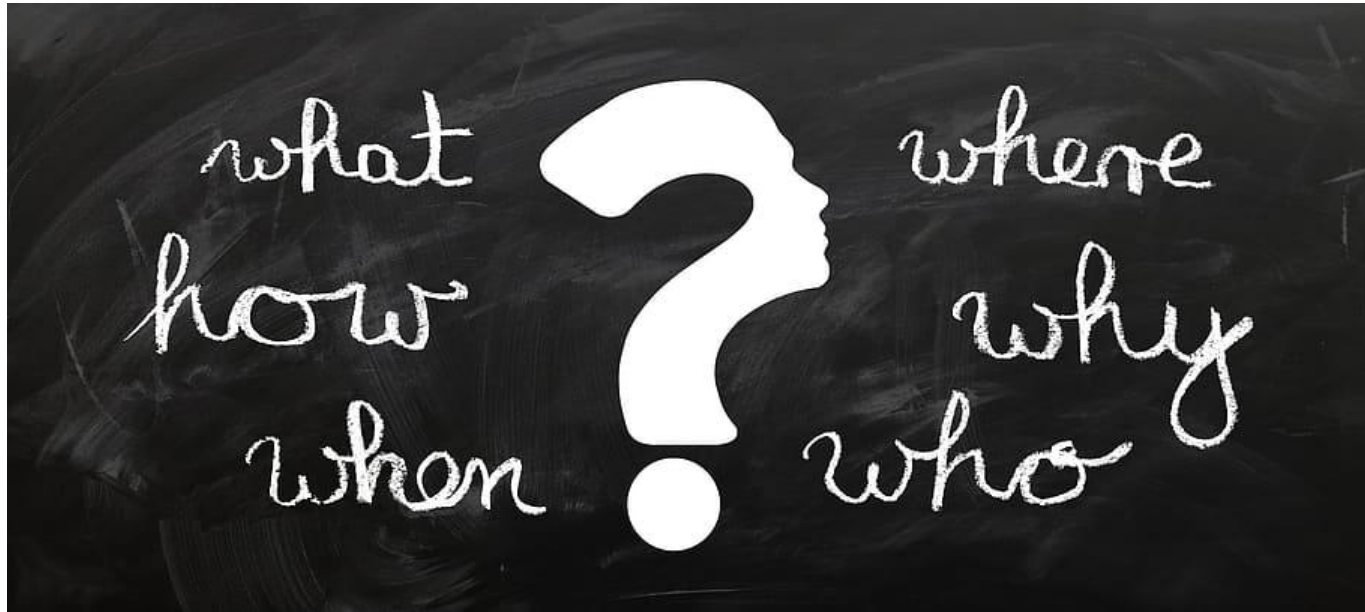
Y : Dah-di-dah-dah

G : Dah-dah-dit

B : Dah-di-di-dit

Next Week new additions : J Q X Z V





? : Di-dit-dah-dah-di-dit

Q : Dah-dah-di-dah

# 73

Dah-dah-di-di-dit Di-di-dit-dah-dah