

MorseCode.World ICR Guidelines

Bob Carter – WR7Q

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The 'number one' problem most people have with decoding Morse Code, they do not have Instant Character Recognition (*ICR*). Miss a single letter, you lose the word or a whole group of words

The following 'no typing' exercises will help you get better at ICR, if...you consistently practice and complete all the processes

MorseCode.World

The screenshot shows the 'International Morse Training' website. At the top, there is a navigation bar with links for 'CW Generator', 'CW Academy (EN)', 'CW Academy (JP)', 'QSO', 'Word List', 'ICR', 'Headlines', and 'Help'. Below this is a sub-navigation bar with 'Practice Content', 'Message Options', 'Message', 'Playback Controls', 'History', 'Settings', and 'Donate'. The main content area has tabs for 'Alphabetical', 'CW Academy', 'Koch', 'LCWO', and 'LICW'. The 'CW Academy' tab is active, showing a grid of buttons for selecting letters from different sessions (S1-S10). Below the grid, there are 'Extras not included in the CW Academy Beginner course:' and a row of buttons for characters like '&', '@', '(', ')', ':', '=', '!', '-', '+', and '"'. At the bottom, there is a 'Message Options' section with radio buttons for 'Letters' (selected) and 'Words', and a 'Donate' section with a profile picture of Bob Carter.

International Morse Training

CW Generator CW Academy (EN) CW Academy (JP) QSO Word List ICR Headlines Help

Choose which order to learn the letters in:

Practice Content Message Options Message Playback Controls History Settings Donate

Alphabetical CW Academy Koch LCWO LICW

Each [CW Academy Beginner session](#) introduces a few letters. Press the blue buttons to select a session's letters.

S1:	A	E	N	T	S2:	I	O	S	1	4	S3:	D
H	L	R	2	5	S4:	C	U	S5:	M	W	3	6
?	S6:	F	Y	,	S7:	G	P	Q	7	9	/	S8:
B	V	<AR>	S9:	J	K	0	8	<BT>	S10:	X	Z	.
<BK>	<SK>											

Extras not included in the CW Academy Beginner course:

All:	&	'	@	()	:	=	!	-	+	"
------	---	---	---	---	---	---	---	---	---	---	---

Choose characters by type:

Letters Numbers Punctuation Prosigns Clear

Message Options

Letters The best way to get started is with single letters. Choose your playback options below and give it a go!

Words

Donate

- **Playback Controls**

(Pay attention to the 'yellow' borders)

- **Character (speed)**
 - 25 cpm
- **Farnsworth (effective speed)**
 - 6 to 25 wpm
- **Count**
 - Number of repeats
- **Show & Say After – choose one or both**
 - Speech
 - Flashcard
- **Stopwatch – Timer**
 - Choose preferred practice time
- **Select the Play button**
- **If desired**
 - Clear History
 - Reset Settings

The screenshot displays the 'Playback Controls' interface. At the top, there are links for 'Morse', 'Speech', 'Bell', 'Speed Racer', and 'Help'. Below these are several control sections:

- Simulated Morse key:** A dropdown menu set to 'Computer (perfect timing)'.
- Playback style:** A dropdown menu set to 'Custom'.
- Character / Farnsworth:** Input fields showing '25' and '6'.
- Stopwatch / Timer:** A digital display showing '00:00:00' with a refresh icon.
- Play buttons:** A row of buttons including Play, Pause, Stop, Next, and Intro.
- Play options:** Buttons for Repeat and Save Audio.
- Message Modifier:** Buttons for Build Up and Speed Racer.

Below these is a section titled 'Toggle the buttons to choose what sequence to play and show for each message:'. It features six numbered columns with icons for different actions:

- 1: Show & Say Before (Flashcard, Speech)
- 2: Morse (Morse, Count) - **Yellow border**
- 3: Recognition (Time) - **Yellow border**
- 4: Show & Say After (Flashcard, Speech) - **Yellow border**
- 5: Morse (Morse)
- 6: Bell (Bell)

At the bottom, there is a section 'Configure the pauses used in the sequence:' with input fields for:

- Recognition Time (ms): 1000
- Flashcard Time (ms): 1000
- Extra Gap (ms): 0
- Bell Gap (ms): 200

A note at the bottom states: 'Morse timing *within a message* is configured in the [Morse Controls](#)'.

Word Training

Suggested settings:

- **Message Options**
 - **Word**
 - **Word length**
 - **2 to 3, 4, etc.**
 - **Message**
 - **Hide**

Choose characters by type:

Letters Numbers Punctuation Prosigns

Message Options

Letters The selected letters are shuffled to make nonsense “words” with length to characters.

Words

Sentences

Message (show)

Donate



There are no paid adverts on this page. If you find this software useful, please make a small donation (and convince my wife that the time spent on it is worthwhile).

Thank you!

Click on one of the ‘links’ below, it will bring up ‘MorseCode.World’ with the options selected to perform the exercise

Note: when you have completed that practice...close the webpage and select another ‘link’ from this list

Make this Tool Effect and Test Yourself

3 Random Letters

At the end of the homework for the day, using ICR random three letters, played three times at 6 wpm (*change based on your Level*), audio 'off', Timer at 5:00

The screenshot shows the 'Playback Controls' interface of a Morse code tool. It includes a 'Detailed controls' section with a 'Simulated Morse key' set to 'Computer (perfect timing)', a 'Playback style' set to 'Custom', and 'Character / Farnsworth' set to '25 / 6'. There are 'Stopwatch' and 'Timer' buttons, with the timer set to '05:00'. Below this are 'Play' buttons (Play, Pause, Stop, Next, Intro), 'Play options' (Repeat, Save Audio), and 'Message Modifier' (Build Up, Speed Racer). A section below allows toggling buttons for six message sequences: 1: Show & Say Before (Flashcard, Speech), 2: Morse (Morse, Count), 3: Recognition (Time), 4: Show & Say After (Flashcard, Speech), 5: Morse (Morse), and 6: Bell (Bell).

Write down what you heard and compare it to the History. You then can simply click on the 'red arrow' and play the code over again for any you may have missed. Repeat it enough times to 'fix' the correct information in your mind. When you are getting above 90% accuracy, increase the speed or number of characters

History

Time		Message	Speed	#
08:39	▶	HY	25/6	3
08:38	▶	DZ	25/6	1
08:38	▶	FO	25/6	1
08:38	▶	HY	25/6	1
08:37	▶	WV	25/6	1
08:37	▶	JA	25/6	1

As you get better at hearing the code, you may want to wait a few letters or all the code until you write it down. This may help you get better at Instant Character Recognition (ICR) and learning to 'Copy Behind'

Fundamental Level

(This may also be useful for Beginner students after Session 10)

ICR Letters

CW Academy

25 CPM

6 WPM

Word Length 2

Practice until you are getting almost everything correct...next move speed up to 7 wpm, then...8 wpm. Do the same thing until you get to the 'class speed' or faster and then start over at 6 wpm and increase to 3 characters

Letters

Recommend for each 'set' of Letter training, do 'Word Training'

Words

Additional Practice Sessions

Numbers

Some Punctuation , . / ?

Prosigns <BT> <SK> <AR> <BK>

Punctuation and Prosigns

Letters Numbers

Letters Numbers Some Punctuation

Callsigns

Intermediate Level

ICR Letters

CW Academy

25 CPM

10 WPM

Word Length 2

Practice until you are getting almost everything correct...next move speed up to 13 wpm, then...15 wpm. Do the same thing until you get to the 'class speed' or faster...then start over at 10 wpm and increase to 3 characters

Letters

Recommend for each 'set' of Letter training, do 'Word Training'

Words

Additional Practice Sessions

Numbers

Some Punctuation , . / ?

Prosigns <BT> <SK> <AR> <BK>

Prefixes (reset the current filters)

Suffixes (reset the current filters)

Punctuation and Prosigns

Letters Numbers

Letters Numbers Some Punctuation

Callsigns

Advanced Level

ICR Letters

CW Academy

25 CPM *(increase as needed)*

20 WPM

Word Length 2

Practice until you are getting almost everything correct...next move speed up to 20 wpm, then 25 wpm. Do the same thing until you get to the 'class speed' or faster and then increase to 3 characters, then 4, 5 etc.

Letters

Recommend for each 'set' of Letter training, do 'Word Training'

Words

Additional Practice Sessions

Numbers

Some Punctuation , . / ?

Prosigns <BT> <SK> <AR> <BK>

Prefixes *(reset the current filters)*

Suffixes *(reset the current filters)*

Punctuation and Prosigns

Letters Numbers

Letters Numbers Some Punctuation

Callsigns