QRO

THE PALOS VERDES AMATEUR RADIO CLUB NEWSLETTER

MARCH 2022

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All **QRO** monthly issues since 2007 are on the PVARC website at www.k6pv.org under the "Newsletter" tab.

Additional club news appears in the PVARC Weekly Bulletin sent by email to members.

Portable and Field Radio Operations

Anthony Luscre, K8ZT

(pre-recorded)

Thursday, March 3, 2022

Meeting at Hesse Park and on Webex

7:00 pm: Hesse Park room opens

7:15 pm: Webex room opens

7:30-9:15 pm: Meeting

Guests welcome. Email ai6df@arrl.net for the Webex meeting link.

Other meetings in March:

PVARC HF Enthusiasts Group Saturday, March 12, 10:00-11:45 am at Palos Verdes Library Purcell Room

PVARC EmComm Interest Group Saturday, March 19, 10:00-11:00 am via Webex

About upcoming PVARC monthly meetings

Our **March 3, 2022** meeting features Anthony Luscre, K8ZT, presenting "Field and Portable Radio Operation." We were impressed with the depth of his pre-recorded talk and realized how portable radio operations often do not receive comparable coverage with base stations.

The March 3rd meeting is being held both in-person at Fred Hesse Park in Rancho Palos Verdes (with face mask required) and virtually on Webex—attend wherever works best for you. **Local governments may still set their own COVID protocols and the City of Rancho Palos Verdes has one COVID requirement remaining: All attendees at indoor meetings in city facilities must wear a face covering, whether vaccinated or not.** This eliminates the burden of checking for proof of vaccination, a negative COVID test in the past 72 hours, or requiring only the unvaccinated to wear a face mask.

The PVARC's **April 7, 2022** meeting speaker is Tim Duffy–K3LR, well-known DXer/contester, and owner of DX Engineering. He will be speaking to us live from the Ohio/Pennsylvania stateline area via Webex about DX Engineering and his K3LR contest super station. DX Engineering sells a wide array of ham radio products with a focus on superior engineering and materials.

Our May and June 2022 meeting topics will be announced soon. We expect having hybrid meeting options through at least June to participate either from home or in-person at Rancho Palos Verdes' Hesse Park. ■

PVARC's 2022 Field Day

The PVARC expects to hold its 2022 ARRL Field Day (June 25-26) at Soleado Elementary School in Rancho Palos Verdes barring unforeseen pandemic developments.

Soleado became our 2018 and 2019 Field Day site after Ridgecrest Intermediate School (2012-2017) was unavailable during campus renovation work.

The ARRL recently announced several permanent changes to temporary Field Day rules enabling more operators to continue participating from home stations. Class D stations would continue receiving points for contacting other Class D stations, but all FD stations regardless of location will be limited to 100 watts maximum transmit power. Also, club scores will continue being calculated from all member logs submitted. ■

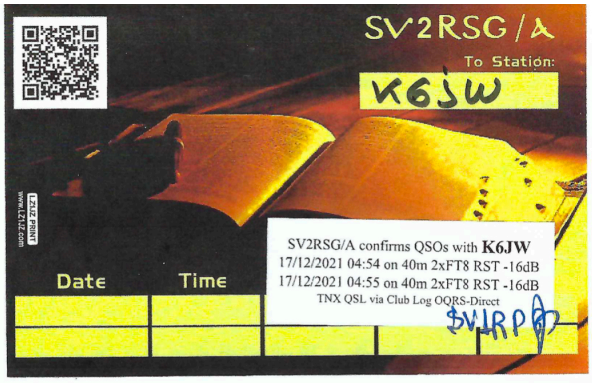
Rod Jensen, KK6CYU (SK)

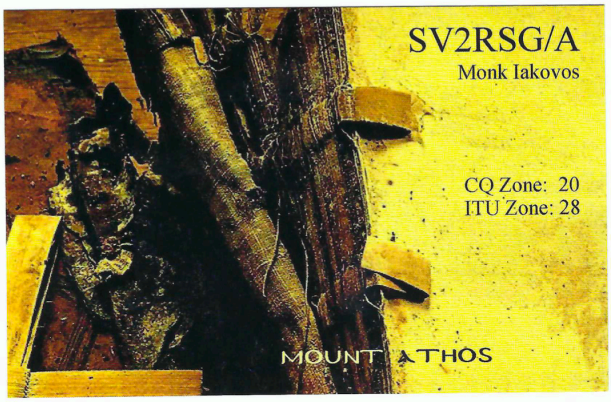
We were saddened to learn fellow PVARC member John (Rod) Jensen, KK6CYU, became a Silent Key on February 8 after a three-year battle with cancer.

Rod was first licensed in early 2013 after taking PVARC's ham license classes at Hesse Park and immediately joined our club.

He also served as a member of the Lomita Sheriff Station's Los Angeles County Disaster Communication Service unit, as well as the city radio groups of Rancho Palos Verdes (PVAN) and Palos Verdes Estates (NART). Rod will be missed by all. ■

Continuing something new: Random accomplishments of PVARC members…in 35 words or less





Jeff, K6JW, received his QSL card from Mt. Athos after making two 40m FT8 contacts a minute apart. Because an RR73 wasn't received after the first contact Jeff made a second one to be sure.

Jerry, NG6R, reports he also finally made contact with Mt. Athos after decades of needing it. His 40m and 20m FT8 contacts were confirmed in ClubLog and he hopes to get his QSL card soon.

QRO Editor's note: See next page for more about Mt. Athos…in 150 words or less ▶

This random accomplishment could be yours. Let us know.

PVARC members Sergio, WA6WV; Ray, N6HE; Jeff, K6JPW; Diana, AI6DF; and David, KE6GFR operated at Redondo Beach's Super Bowl 10K/5K and saw the costumed "School of Salmon Swimming Upstream" runners doing the race in reverse.

About Mt. Athos…in 150 words or less

For many ham DXers the Mt. Athos peninsula in Greece's northeast has been one of the most unusual and difficult places to reach.

Mt. Athos is a 6,670-foot peak near the 31-mile peninsula's east end. But Mt. Athos for DXing refers to the entire peninsula, an autonomous area of Greece under Eastern Orthodox Church jurisdiction containing 20 monasteries. For over 1,000 years only males have been permitted to live, work, or visit and the latter is very limited.

In recent decades with only one ham operator among nearly 2,000 monks at the 20 monasteries Mt. Athos became the 19th most-wanted of the 340 worldwide DX entities.

Currently Monk Iakovos is occasionally on the air as SV2RSG/A from the Koutloumousiou monastery. During 1990 to 2019 Monk Apollo, SV2ASP (SK), sporadically operated from Dochiariou on the peninsula's western side.

Hams from Greece and several other countries have periodically assisted the monks with station setup, maintenance, and licensing. ■

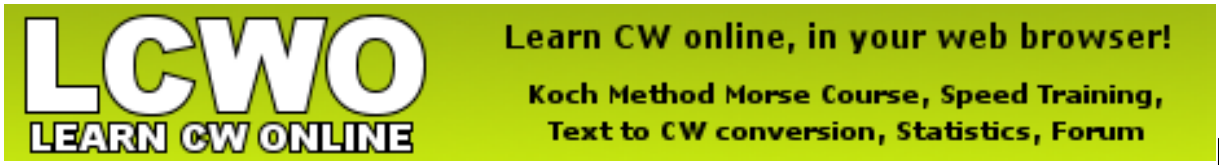
–Diana Feinberg, AI6DF

Sources: ARRL, ClubLog, Wikipedia.com

Above: 6,670-foot Mt. Athos with a monastery in foreground. PHOTO CREDIT: By Dave Proffer - Mt. Athos. CC BY 2.0, https://commons.wikimedia.org/w/index.php?curid=25707304

Base map image of Mt. Athos monastery locations: CREDIT: By Hobe / Holger Behr - Own work, Public Domain, https://commons.wikimedia.org/w/index.php?curid=797105

Highlight added by AI6DF showing location of Monk Iakovos, SV2RSG/A, at the Koutloumousiou monastery. Monk Apollo, SV2ASP (SK), operated from the Dochiariou monastery on the western side of Mt. Athos.



[1]

By Jerry Kendrick, NG6R

Quite a number of articles have been published in our club's **QRO** newsletters over the years, either 1) encouraging fellow club members to learn Morse code, providing recommendations about available learning aids, and supporting those who have already memorized the basic alphabet, or 2) lamenting the imagined demise of this classic CW communications mode unless more (especially new) hams are convinced of its merits and brought into the fold. **[2][3][4][5][6][7][8][9][10][11]** This article describes an online learning aid, which not only gently introduces Morse code in small bite-sized chunks, but is so loaded with features and capabilities that you simply won't outgrow it as you gain proficiency. You'll never again be tempted to seek out a Morse code class or engage a private tutor—it's all here. And, it's FREE! Just sign up with a unique password so that the app can keep track of your progress. And, you will make progress!

First go to **LCWO**'s website: https://lcwo.net/
You'll want to start exploring the site, so enter a User name and Password. If you're a ham, just use your callsign as your User name; and make up a password you'll remember. If you're not quite sure you want to use the site just yet, you'll still need to enter "test" for both User name and Password in order to gain access and try out its features. The downside of this test/test Login approach, however, is that a lot of curious folks have used this way to explore the site, so the results you'll see upon logging in will be a jumbled composite of many previous users. You're much better off creating your own account unique to you and explore the site with a clean slate. All it takes to register is your callsign (or other user name if you prefer) and a simple password.

Upon logging in as a new user, you'll immediately have access to the Koch (*pronounced "coke"*) Method CW Course. (German psychologist Ludwig Koch studied the best order in which to learn Morse code letters and his method from the 1930s has been widely accepted as improving learning efficiency.) **[12]** Begin with the Introduction and learn that the Koch method starts in lesson one with just two letters (**K** and **M**), then adds just one letter (or number or punctuation) in each successive lesson. You decide when to proceed to the next lesson, but it's recommended that you don't proceed to add the next character until you can copy all the characters previously introduced with 90% accuracy. If you're totally new to Morse code, then learn the characters in the same order the Koch app recommends. If you already know a few letters, but not all, then check the ones you already know, start back-filling and then add on from there.

This website's philosophy about increasing speed reflects the latest understanding of human nature. It's been found that if you start out by sending symbols (like letters or numbers) at the same slow speed at which your brain can initially recall what symbol is associated with a particular sound (i.e., quite slow!), then later on when the brain is much quicker at doing this translation, it's hard to speed up the whole process. In other words, traditionally, reducing the speed of Morse code was to make everything take longer—both the sounds of the symbols and the silent periods between them. But, an innovative approach attributed to Donald R. Farnsworth **[13][14]** was to teach students to send and receive letters and other symbols at their full target speed (normal relative timing of the dots, dashes and spaces). However, the spaces between these symbols is exaggerated to give the brain enough time to recall the translation between the sounds and the symbol those sounds represent. As you become more and more adept (through practice, repetition and **familiarly**) at doing that translation and can quickly recognize what letter or number or punctuation was sent, then the spacing between the symbols ► ***Next page...***

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can be progressively reduced. The speed of the actual letters or numbers or punctuations is called character speed or symbol speed. But, because of the exaggerated spacing between characters in the Farnsworth method, the overall speed, often referred to as effective speed, will be less. Unless you select different parameters in **LCWO**, the default character speed for new students is set to 20 WPM with an effective speed of 15 WPM. If you find this combination to be discouraging or even intimidating, consider reducing the effective speed. But, leave the character speed set for 20 WPM. This might seem very fast at first, but you'll soon become accustomed to this speed and can readily distinguish dots from dashes . . . or I should say dits from dahs. In fact, another point emphasized in the app's Introduction is the importance of not thinking of characters as composed of dots and dashes (a visual concept), but instead to think of characters only in terms of their sounds, e.g., **K** is "dah-di-dah" and **M** is "dah-dah".

The first big hurdle in learning Morse code is the decision to finally take action by doing something concrete, like enrolling in a self-study course such as **LCWO** and taking that first lesson. But, the second biggest hurdle comes when reality sets in—that there seems to be an enormous learning curve to mastering all the different characters and their corresponding sounds. With 26 letters (A to Z), ten numbers (0 to 9), five key punctuations (.,/?=) and a small handful of procedural characters ("prosigns"), a couple of months of dedicated effort is generally sufficient to achieve a reasonable proficiency in Morse code (all characters memorized and an effective speed of 8-12 WPM).

In the course of adding one character at a time to the running list of characters you've already memorized (in the order recommended by Koch), a handy tool called the Morse Machine is a feature of **LCWO** and is illustrated in Figure 1.

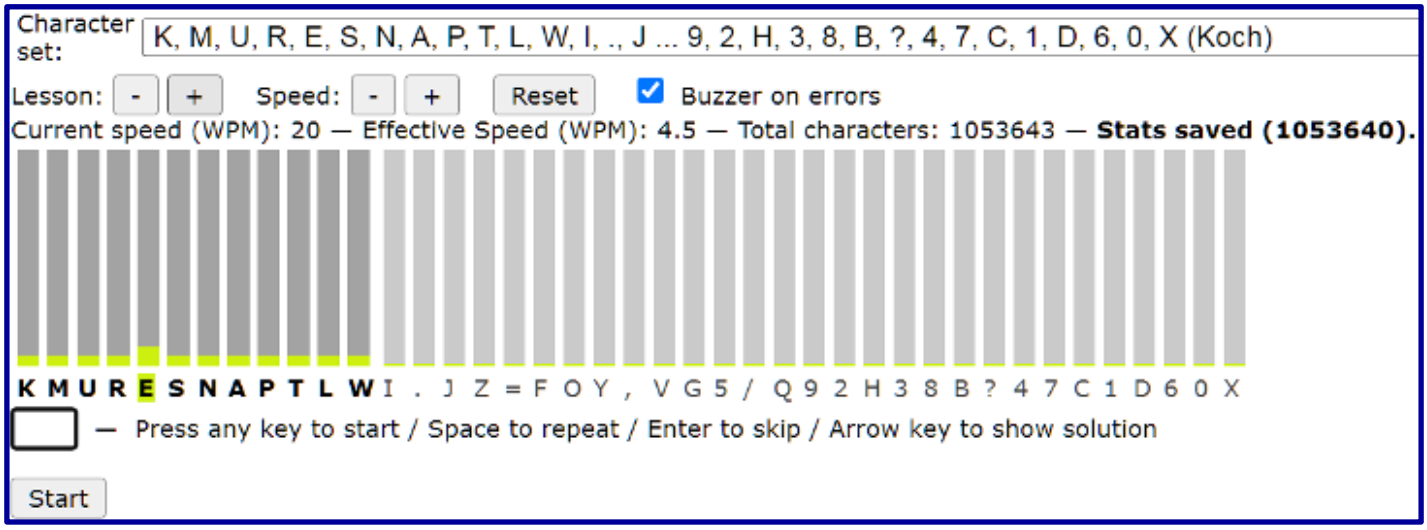

Figure 1. Depiction of the Morse Machine, a feature of LCWO and a handy tool in memorizing and gaining proficiency in recognizing sounds of each character for the current lesson. This figure reflects Lesson 11 (the 10th lesson after K and M, which were covered together as Lesson 1).

There is a flashing cursor in the rectangular box just above the word Start. As you hear a character sound, you type the symbol you think was sent. Only characters that have been covered in the lessons selected will be sent (through letter **W** in the example in Figure 1). If you're right, it'll send the next symbol, and so on. But, if you're wrong, and you've checked the "Buzzer on errors" box, you'll hear a chastising sound to heighten awareness of your incorrect choice. This is a really helpful tool in brain-training and cementing the correlation between sound and the actual typed character. As an additional benefit, if you also know touch-typing, it aids in gaining proficiency in eventually copying Morse code using a computer keyboard.► ***Next page...***

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Now, once all 41 Koch characters have been memorized, the process of increasing speed is the next course of business and that's where this online app really shines. There are five well-designed methods to increase copying speed in the **LCWO** program, which are explored in varying detail below:

- **Code Groups**
- **Plain Text Training**
- **Word Training**
- **Callsign Training**
- **QTC Training**

Code Groups

This speed-building option starts by selecting the mode as either letters, figures (numbers 0 to 9), a mixture of the two (including punctuation), or a custom character set of your choosing (if you want to just concentrate on a few troublesome characters). After you've typed into the window the string of five-character groups that you think you heard, there is an option for checking your result. A screen shot of this method is shown in Figure 2.

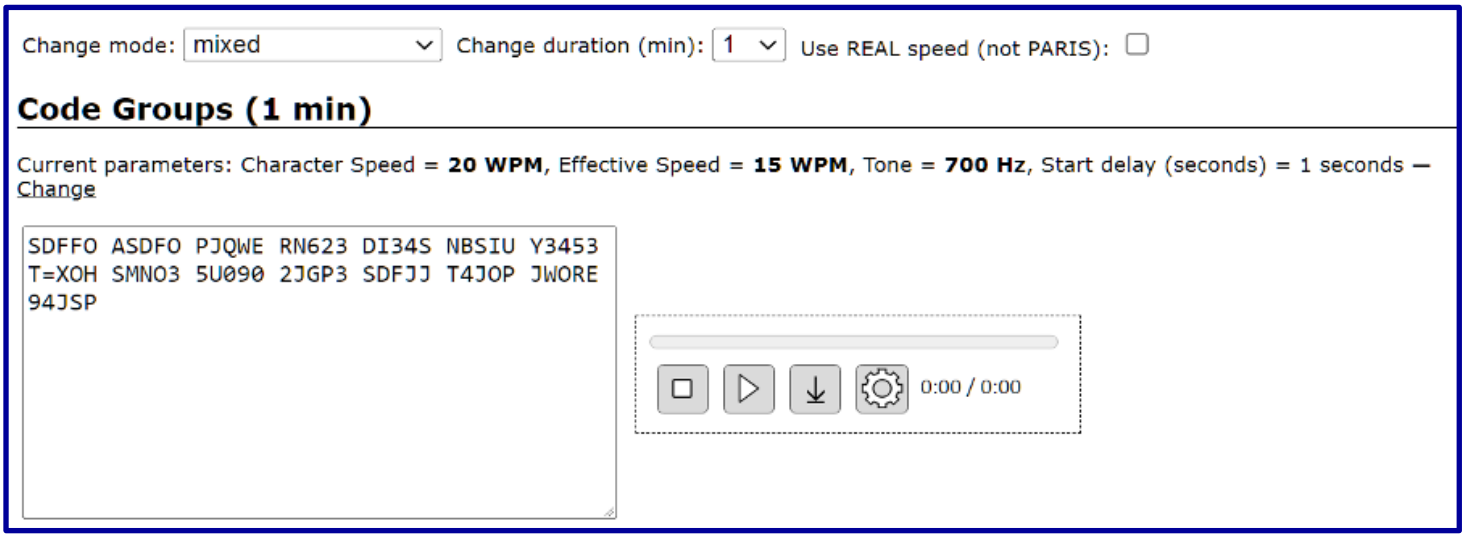

Figure 2. Screen shot of the display in which 5-character groups are sent at the selected character speed and effective speed.

Like all the speed-building methods, you can adjust the character speed and effective speed. There's even an option to increase the time spacing between 5-character groups (shown set to "off" in the settings display of Figure 3).

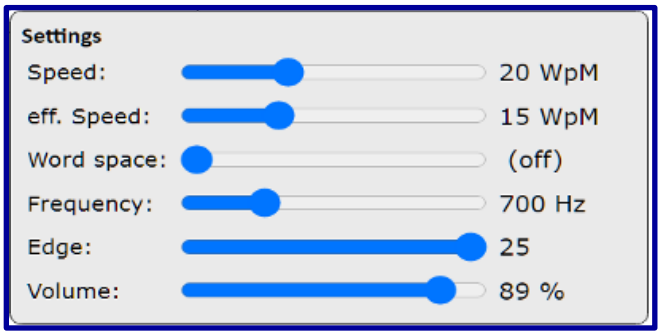

Figure 3. The Settings window for fine-tuning the nature of the Morse code audio being sent. ► *Next page...*

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Plain Text Training

This is perhaps the most fun of the speed-building options available from **LCWO**. A complete sentence is sent and you have a choice about the nature of that sentence from the selections shown in Figure 4. In this example, American proverbs category (of which there are 169 proverbs possible) was selected.

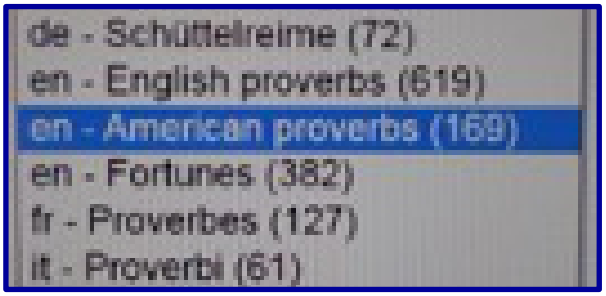

Figure 4. The available choices for the complete sentence sent in Plain Text Training. Reflecting the app creator's European heritage, several different languages are available.

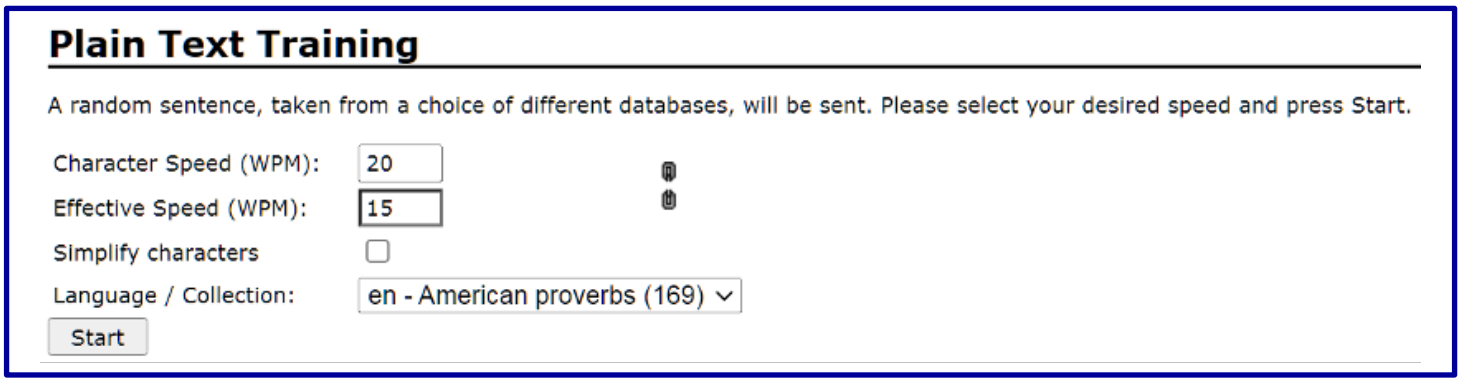

Figure 5. As with all the speed-building methods, character speed and effective speed can be set. The collection category of sentences is selected (American proverbs in this case) and the start button is pushed.

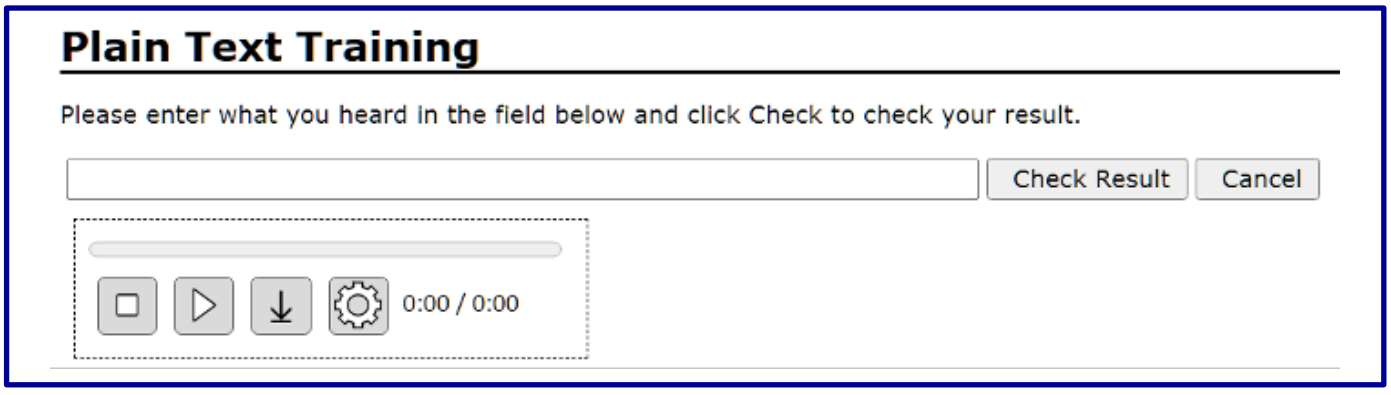

Figure 6. Upon hitting the triangular start button, the sentence is sent and is to be typed into the available window. An option to check the result is provided.

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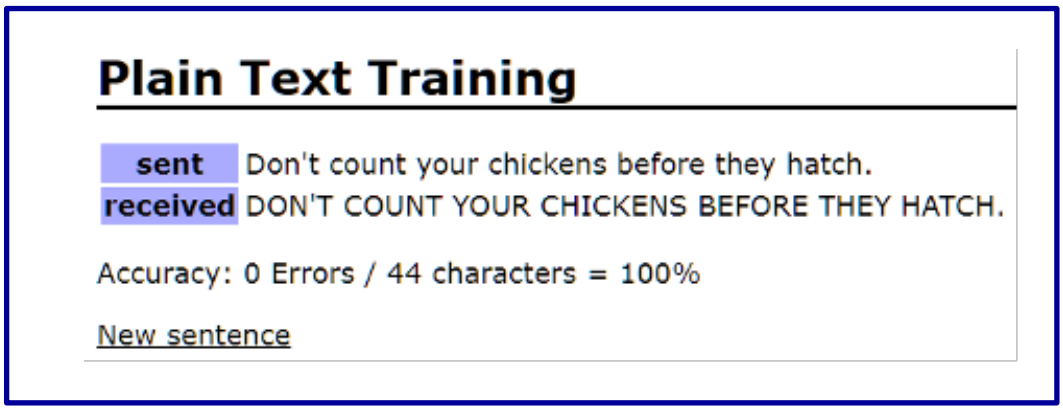

Figure 7. Finally, upon checking the result, the app compares your translation with what was actually sent, and your accuracy is calculated. Note that letter case is not considered by LCWO. So, if you're more comfortable with upper case or lower case, you can use the choice you prefer.

Word Training

This is probably the most comprehensive of the speed-building options. You select the character speed and effective speed, as usual. In this method, you practice copying real words, one at a time. After hitting the start button, a run of 25 words begins. You will have selected the maximum length of the words in this group. For example, if you're learning to quickly copy short words, you could set the maximum word length to, say, 5 letters. Once that was mastered, you might want to allow longer words.

After each word is copied and typed correctly, the speed (that you had previously specified) increases just a little and will continue to increase slightly for each correct word you translate. This really pushes you to find your speed limit. On the other hand, if you miss a word, the speed will decrease slightly so as to get you back to a reasonable miss rate. If this feature is annoying or not productive, you can always select "Fixed Speed" to bypass this progressive speed feature.

The program anticipates that you will type in what you think you heard. However, if you wish only to do head copy and not be bothered with typing, simply hit the Enter key after hearing each word. That will display the word just sent and send the next word. This feature can be useful when more rapid head copy is desired, and also if touch-typing might slow down your progress, or is not a mastered skill.

Another valuable feature of this Word Training method is the ability to choose which lessons are included. For example, if you wanted to have only those words that can be created from the letters introduced in the first, say, 15 lessons (or, up to include all 40 lessons), you can select that lesson number (at least down to lesson 9, below which the app creator deemed there aren't enough words using those letters to be a viable option).

One of the features in this method that I find most helpful is the ability to repeat a word before moving on—just hit the period (.) key and the word will repeat. This can be useful if you're pushing for a speed beyond your comfort zone but don't want to give up on a word until you've had an opportunity to "get it right." It's not something you can count on in real-life operation and some trainers might also argue that missed letters should simply be ignored, so as not to slow your pace, but it can be very useful and satisfying in this training environment. ► **Next *page...***

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Callsign Training

This is much like the previous Word Training method, but uses callsigns instead of common words. After hitting the start button, 25 callsigns are issued, one at a time. If the callsign is copied correctly, the speed increases by 1 WPM, or if copied incorrectly, the speed decreases by 1 WPM. This process continues unless the Fixed Speed option has been selected in the setup, in which case there is no alteration in the send speed. Again, as in Word Training, hitting the Enter key after each callsign will display the callsign without having to type it in. There is a filter for selecting or deselecting long or slashed (/) callsigns. I find this method of Callsign Training to be the most useful of all five of the speed-training methods for DX chasing, Field Day operation and CW contesting. It's great practice for those operational situations in which callsigns are encountered frequently and sent rapidly.

QTC Training

This final speed-training method is a specialized trainer mode unique to a particular event, the Worked All Europe contest. Those who have an interest in reducing response time for this particular aspect of the WAE contest can take advantage of this speed-enhancing trainer.

Additional Features

There are three additional features of **LCWO** that are available: Convert text to CW, MP3 practice files, and TX training. **Convert text to CW** enables creating Morse code cell phone ring tones, generating practice texts on an MP3 player and similar applications. **MP3 practice files** is a tool for generating CW practice files in MP3 format for offline use whenever the Internet is unavailable and the online **LCWO** program is not accessible. Along with the Morse code files, you can also download the texts so that you can check your results. You can select the number of files, speed, duration and content. **TX training** is the least satisfying or helpful aspect of the website's features. The creator admits that it is experimental and asks for user feedback on ways to improve it. The mouse key (or space bar) is used to send Morse code, contrasting with the rest of the website's features, which all focus on receiving and copying Morse code. The default speed is 8 WPM and even at that low speed, the decoding algorithm is easily confused. Don't count on using **LCWO** for sending practice; use a standalone code practice keyer instead.

Miscellany

LCWO users with common interests can join together in **User Groups**. Any registered user can create a new group (public or private, your choice) and invite friends to join. Each User Group has its own page with a forum and an internal highscore list.

Highscores is a major menu item on the **LCWO** website, at which high scores of registered users are displayed. There are multiple categories, including all the training methods discussed above (code groups, plain text training, word training, callsign training, etc.). It is fascinating (maybe a bit intimidating) to see some of the high scores posted. For example, the current leader in Code Groups, Letters with >90% accuracy is 65 WPM. And, the current leader in Code Groups, Figures with >90% accuracy is operator R8OA at an almost incomprehensible 85 WPM!

An important limitation on high-speed copying is that much beyond about 20-25 WPM, pen-and-paper and letter-by-letter capture becomes impractical. **[15]** Keyboard copying can extend that range somewhat for a skilled touch-typist. But much beyond 30-35 WPM, "head copy" becomes the only practical means of capturing content of Morse coded messages. Also, code copying emphasis must shift from letters to words and even to complete word groups or phrases. ► ***Next page...***

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It is good training to sometimes use head copy and entire-word recognition even for relatively slow speeds as you're learning the code. This discipline will ease the transition later when your copy speed has progressed to the point at which head copy is your only option. Of course, this focus on high-speed copying methods should not be of immediate and disproportionate concern to someone who just wants to learn the code and become Morse code proficient.

Summary and Conclusions

LCWO is an online Morse code learning aid available to both brand new and experienced CW operators, as well as non-hams (like aviators **[16]** or Boy Scouts **[17]**) who just want to learn this translational language for other reasons. But, for a one-stop shop that not only starts at the beginning with just a pair of letters, but provides opportunities to continue to enhance speeds even beyond the best operators in the world, then this application has it all. It keeps track of and apprises you of your progress, which can be valuable feedback as you continue in your quest to learn and improve.

OK, maybe you're convinced that learning CW is something you want to do but may be wondering, "With all the great features in this online program, exactly how do I get started?"

1. First open the website and create your own personal progress-tracking account by entering a User name and Password.
2. Select Introduction, read the information there and listen to the 10 seconds or so of the separate sounds of letters **K** and **M**.
3. Proceed immediately to Lesson 1 (**K** and **M** mixed together); type what you hear in the window; hit the Check Result box and see how well you did. You probably scored 100%!
4. The character speed is set to 20 WPM and the effective speed can be raised or lowered with the slider at the Settings icon  to fit your comfort level. Don't push your effective speed beyond where it stops being fun . . . but always keep it just a bit challenging.

It's that easy. Just go from lesson to lesson at your own pace, adding one character at a time. You'll soon get a sense of how quickly you're progressing. Steady consistent practice is the key; don't give up. Remember, there is no final goal, just the journey. Even that person who can copy 85 WPM still wants to improve!

If you get stuck on a learning plateau and want some help to move forward, there are several CW proficient hams in the PVARC, including the author, who would be more than happy to help you with any barrier you're trying to overcome. If operating CW has been on your bucket list for a while or even if you're just intrigued by the notion of trying something new, check out **LCWO** and come join the ranks of the "coded" hams.■

References

1. Logo used by permission from website creator Fabian Kurz, DJ5CW
2. Page 2, AI6DF, http://www.n6rpv.net/n6rpvpage/pvarc/2013QRO/QROJul2013.pdf
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17. https://www.linkedin.com/pulse/learn-morse-code-boy-scout-way-joseph-ames/■

PVARC upcoming events in 2022

- **PVARC hybrid monthly meetings online via Webex and at Hesse Park**

  1st Thursday each month, 7:30-9:15 pm, except in December

- **PVARC HF Enthusiasts Group meetings online via Webex or in-person**

  2nd Saturday each month, 10:00 am-Noon (in-person meetings at Palos Verdes Library main branch's Purcell Room when permitted)

- **PVARC EmComm Interest Group online meetings via Webex**

  3rd Saturday each month, 10:00-11:00 am or 11:00-Noon (time depends on other radio events that day)

- **Walt Ordway K1DFO Technician and General amateur radio license classes at Hesse Park**

  May 7 and 14, 2022; VE Test, May 21. Other dates to be announced.

- **ARRL Field Day,** June 25-26, Soleado Elementary School, Rancho Palos Verdes

- **Public Service Events:**

  - **Ridgecrest Intermediate School 5K** in Peninsula's commercial district, April 24, 8 am.

  - Other events TBA.

- **PVARC 2022 Holiday Dinner**, Dec. 8, Los Verdes Golf Course

Non-PVARC Events of Note:

- **W6TRW Swap Meet,** last Saturday each month. 7:00-11:30 am. Northrop Grumman parking lots, Aviation Blvd./Marine Ave., North Redondo Beach

- **Claremont Amateur Radio Society Swap Meet,** 3rd Saturday each month (except Dec.) 6:00-11:00 am, Granite Creek Community Church, 1580 N. Claremont Blvd., Claremont

- **QSO Today Virtual Ham Expo**, March 12-13, 2022. https://www.qsotodayhamexpo.com/ ■

Become an ARRL member: support amateur radio while increasing your learning

Consider joining the American Radio Relay League (ARRL) if not already a member. The ARRL is the only national organization representing amateur radio and has another significance for the PVARC: We receive benefits from being an ARRL-affiliated club, which requires at least 51% of club members be ARRL members.

Annual ARRL membership costs $49 and includes your choice of the printed monthly **QST** magazine or the ARRL's new **On The Air** magazine for newer hams. Both are available electronically to all ARRL members plus free online access to ARRL's two other publications, **QEX** and **National Contest Journal.**

Additionally all ARRL members can access numerous web-based materials, ARRL staff, and assistance with ham radio issues. Visit: www.arrl.org/. ■

Need a PVARC badge?

If you wish to order a new or replacement engraved PVARC badge please contact Gary Lopes at wa6mem@cox.net and he will make arrangements for your payment and sending your new badge. Badges cost $13. ■

Embroidered PVARC patches still available

PVARC club patches are still available by special arrangement for $4 each. They may be sewn onto any cap, jacket, shirt, or bag.

During our period of virtual meetings if you would like a patch contact Diana, AI6DF, ai6df@arrl.net and we'll find a way to get your patch to you. ■

About Us…

Welcome to the Palos Verdes Amateur Radio Club, K6PV.

Founded in 1975, today our 150+ members hail from every city in Los Angeles County's South Bay region…and beyond.

Our club fosters diverse ham radio interests including public service, DXing, contesting, digital modes, and electronic experimentation.

We also teach license classes several times annually and gladly assist newer hams in understanding amateur radio technology or procedures.

Many PVARC members serve in the government-affiliated disaster amateur radio groups for the South Bay's cities and Los Angeles County. We also provide public service communication at no charge to sponsors of community and running events.

No matter where you are along your ham radio journey you are welcome as a PVARC member. ■

Palos Verdes Amateur Radio Club

An American Radio Relay League Affiliated Club

Board of Directors:

President	Diana Feinberg, AI6DF
Vice President	Ray Day, N6HE
Treasurer	Georgiann Keller, KM6YGM
Secretary	Ron Wagner, AC6RW
Directors	Clay Davis, AB9A
	Gary Lopes, WA6MEM
Past Vice President	Bob Sylvest, AB6SY

Appointed Offices:

QRO Editor	Diana Feinberg, AI6DF
K6PV QSL Manager	Jeff Wolf, K6JW
K6PV Trustee	Mel Hughes, K6SY
LAACARC Delegate	Jeff Wolf, K6JW
VE Coordinator	Dave Scholler, KG6BPH
VE ARRL Liaison	Jerry Shaw, KI6RRD
Net Control Operators:	Ron Wagner, AC6RW; Dale Hanks, N6NNW; Bob Sylvest, AB6SY; Malin Dollinger, KO6MD; Dave Turner, KM6LGX; Jerry Shaw, KI6RRD; Gary Lopes, WA6MEM; Clay Davis, AB9A; Rick Heaston, KG6RH; Jeff Remington, KA6JMR; Laura Remington, KA6LMR; Marlee Remington, KA6MJR; Derek Okada, K6DMO

Contact us:

QRO Editor: 310-544-2917, ai6df@arrl.net
Email: k6pv@arrl.net
Website: www.k6pv.org
Postal Address:
Palos Verdes Amateur Radio Club
PO Box 2316
Palos Verdes Peninsula, CA 90274-8316

Repeaters (Open, though often listed as "Closed"):

PVARC: K6PV, 447.120 MHz
Analog FM: (-), PL 100.0, CTCSS
Digital DMR: 447.120 MHz (RX); 442.120 MHz (TX)
Talkgroup 31060, Color Code 1, Time Slot 2
"PV-West": W6MTA, 449.980 MHz (-), PL 173.8, CTCSS

Club badges: Gary Lopes, WA6MEM, wa6mem@cox.net
Club jackets or patches: Dave Scholler, KG6BPH, 310-373-8166

Front page photo — Pt. Vicente Lighthouse in mid-afternoon on February 24, 2022. PHOTO: DIANA FEINBERG, AI6DF

–PVARC CALENDAR OF EVENTS MARCH 2022–

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
		1 K6PV analog net, 7:30 pm	**2** K6PV DMR net, 7:30 pm	**3** PVARC monthly meeting, 7:30 pm, at Hesse Park and via Webex	**4**	**5**
6	**7**	**8** K6PV analog net, 7:30 pm	**9** K6PV DMR net, 7:30 pm	**10**	**11**	**12** PVARC HF Enthusiasts Group meets,10:00 am at Palos Verdes Library Purcell Room
13	**14**	**15** K6PV analog net, 7:30 pm	**16** K6PV DMR net, 7:30 pm	**17**	**18**	**19** PVARC EmComm Interest Group meeting, 10:00 am via Webex
20	**21**	**22** K6PV analog net, 7:30 pm	**23** K6PV DMR net, 7:30 pm	**24**	**25**	**26** W6TRW Swap Meet at Northrop Grumman, North Redondo Beach
27	**28**	**29** K6PV analog net, 7:30 pm	**30** K6PV DMR net, 7:30 pm	**31**		

Postal mail form below; email version: http://www.n6rpv.net/n6rpvpage/pvarc/membership_form.pdf

Palos Verdes Amateur Radio Club
P.O. Box 2316
Palos Verdes Peninsula, CA 90274
http://k6pv.org

NEW MEMBER & 2022 MEMBERSHIP RENEWAL FORM

NEW: _____ or RENEWAL: _____ MEMBERSHIP DATE: _____

Last Name: _____ First Name: _____Spouse: _____

Street Address: _____

City: _____ Zip: _____

Phone: Home _____ Work _____Cell_____

Email address: _____
(Unless otherwise noted emails will be sent to the applying member only)

License Call: _____ License Class: _____ARRL Member?____Birth Mo./Day: _____

Other amateur radio groups you belong to:_____

Additional Household and/or Family Members (if Applicable):

Name_____ Call _____ Class_____ ARRL____ Birth Mo./Day: _____

Name_____ Call _____ Class_____ ARRL____ Birth Mo./Day: _____

Name_____ Call _____ Class_____ ARRL____ Birth Mo./Day: _____

Individual membership: $20.00

or Household / Family membership: $25.00

(Optional) Donation to support PVARC activities: $_____

PayPal:_____Cash: _____ or Check #: _____ Date_____ TOTAL $_____

Please make checks payable to: Palos Verdes Amateur Radio Club; Dues based on January 1st to December 31st year.

PayPal payment: Go to www.paypal.com, enter recipient name as: PVARC90274@gmail.com

All New and Renewal Member applications must be signed below.

I am applying for a new or renewal membership in the Palos Verdes Amateur Radio Club and understand that by accepting membership I agree to abide by the Club's constitution and by-laws (available on-line at: http://www.n6rpv.net/n6rpvpage/pvarc/constitution.pdf or upon request.)

Signature:_____ Date: _____

Family Member Signature: _____ Date: _____

Family Member Signature: _____ Date: _____

Two Free Amateur Radio Courses

(NOTE: IF REQUIRED BY COUNTY PUBLIC HEALTH ORDER OR THE CITY OF RANCHO PALOS VERDES ALL ATTENDEES MUST WEAR A MASK)

FCC "Technician" course (entry level)
FCC "General" course (2nd level)
Each course is 2 sessions
The sessions will be on 7 and 14 May 2022
Technician 9:30 AM to 1:15 PM both Saturdays (bring your lunch)
General 1:30 PM to 5:00 PM both Saturdays
The FCC tests will be 10:00 AM to noon on 21 May 2022

At the start of the 7 May Technician course, a member of the Palos Verdes Amateur Radio Club will give a 30-minute presentation on how to get further involved in amateur radio.

The class location is at Fred Hesse Community Park,
29301 Hawthorne Blvd., Rancho Palos Verdes, CA 90275
Confirm your attendance to Walt, K1DFO at wfordway@juno.com

There is no fee for either course.
Taking the FCC test is $15.

Optional Material (sold at cost)
Gordon West books with all the FCC test questions,
$26 for the Technician and $26 for the General
Paper copy of Walt's Power Point charts,
$22 for the Technician and $20 for the General

For courses sponsored by the Palos Verdes Amateur Radio Club, students thru grade 12 who pass their examination at a PVARC VE test session will, upon application to the Club, be eligible for reimbursement up to a maximum of $50 to cover the cost of materials and the examination fee.

Everyone who obtains their first ham radio license through a PVARC VE test session, regardless of age, will receive a free membership in the Palos Verdes Amateur Radio Club for the remainder of the current calendar year.