



S.P.A.R.K.

Sedalia Pettis Amateur Radio Klub

February 2023
ISSUE No. 12



NEWSLETTER

Co-Editors
Connie Koch (WAØQCJ)
Brooks Baker (KAØJWA)

The latest news, views, and announcements in Sedalia's HAM Radio
Community

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By Connie Koch
(WAØQCJ)



EDITOR'S MOMENT

Greetings SPARK Members!

We've just completed our Winter Field Day exercise with an ENORMOUS number of contacts! That figure will be revealed at our February meeting. Don't miss it! I'm also looking forward to Storm Spotter Train March 2nd at 7:00 PM at the EOC. All Klub members are invited and participation is encouraged!

Plan to attend our upcoming workshops immediately after monthly meetings!

February – Antenna 101 Building Workshop

March – Yaesu Fusion 101 Workshop

April – APRS (Automatic Packet Reporting System) Workshop

May – Pi-Star Hotspot Workshop

June - Vara Software for digital modes (VaraFM, VaraChat, VaraHF, and VaraC).

Connie (WAØQCJ)

WORD FROM OUR PRESIDENT

Hello SPARK,

I trust all of you are off to a good beginning of 2023 and have managed, so far, to keep any resolutions you established for the new year(I really hope you took some of my last newsletter message to heart). I can't believe January flew by as fast as it did! I would like us all to look for ways to target a state of readiness for the club's posture this year, I feel we are on a strong path but want to encourage you to think about it this year in 2023. As you know, we have some biggie events coming up - those being, ARRL's summer Field Day June 24th – 25th (always the 4th full weekend in June), the Scott Joplin Special Event, and the Simulated Emergency Test...just to name a few. These events help us get comfortable in operating in less than perfect situations. I feel we can expand and am looking forward to hearing your ideas as we go through this year. As the publication of this newsletter draws near, I had the opportunity to see a really great event this last weekend, SPARK Winter Field Day 2023. The things I noticed were a group of like-minded folks have a great time and doing what they love, operating their HAM radios as a group, as an event, and having a great time sharing company with each other. Awesome Job, it was great to see!! I am looking forward to Paul's wrap-up at our February meeting.

Bret (W0VK)

Next Meeting – February 4 at 8:30 AM at Pettis County EOC
Located at 1511 N. Ohio

NETS AND FREQUENCIES

2 Meter Net – Sunday at 7:30 PM – 147.03 repeater – offset 179.9pl

75 Meter Round Table – Sunday at 9:30 AM – 3950 (3813 other times) operator Paul (KØETL)

2 Meter Net – Tuesday at 7:00 PM – Rag Chew net operator Dennis (KYØP) 2 Meter repeater 147.03 – offset 179.9pl

6 Meter Net – Tuesday at 8:00 PM – 53.11 repeater – 1.7 offset 127pl

Simplex Net – Wednesday at 8 PM – 147.575 operator Paul (KØETL)

220 Sedalia Rag Chew Net – Wednesday at 8:30 – 224.440 – 107.3pl

Live Streams 147.03 and 224.44 repeaters on broadcastify.com



STORM SPOTTER TRAINING!

March 2nd 7:00 PM

ALL KLUB MEMBERS ARE WELCOME

AND ENCOURAGED TO ATTEND!

LOCATION – EOC BUILDING

HAMFEST CALENDAR 2023

These Are TheHamFests Currently Posted – More To Follow
de – Brooks (KAØJWA)

03/11/2023 - Boonville Amateur Radio Club Annual Hamfest

Location: Lone Elm, MO

Sponsor: Boonville Amateur Radio Club

Website: <http://w0brc.org>

07/15/2023 - Hamfest 2023

Sponsor: WAARCI

Location: Johnson County Fairgrounds Warrensburg, MO

08/13/2023 - SCARC Hamfest

Sponsor - St. Charles Amateur Radio

Location: Elks Lodge- O'Fallon, MO

08/14.2023 – SPARKFEST

Sponsor – SPARK

Location – Our Savior Lutheran Church – 3700 W. Broadway – Sedalia, MO

BOONVILLE AMATEUR RADIO CLUB HAMFEST BOONVILLE, MO 3/11/2023



Outgrew previous location, so a new larger location just South of Boonville:

ZION LUTHERAN CHURCH – ACTIVITIES BUILDING

9171 B Highway, Lone Elm, MO 65237

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TABLES: \$10.00 RENTAL - DISCOUNT FOR MULTIPLE TABLES

MARCH 11, 2023 8:00 AM – 1:00 PM

Watch for updates on our website: W0BRC.org and Facebook.

For table rental contact: Tom, WAØE, wa0e@arrl.net or call 660-841-5287

Dwight, NØQOK, dmeyer009@hotmail.com or 660-621-1265



IN THE SPOTLIGHT

Ron Hellesvig (KFØITC)



As a youngster, I did a stint in the US Navy where I served as an Electronic Technician. After one hitch I got out and went to work for the Boeing Company. While there, I worked at Cape Canaveral where the company was in the process of developing the Minuteman Missile. My job consisted of working in a lab that repaired and calibrated electronic equipment used in the development of the missile. At that time I had the pleasure of watching the seven Mercury Astronauts take off and even watched John Glenn on his liftoff when he first orbited the earth. Those were exciting times at the birth of our space program. (By the way, when a missile lifts off at night it passes through a segment of the atmosphere that creates a light blue halo that expands like a smoke ring.) From there I went to Minot AFB to work in their Precision Measurement Lab in Mountain View, California, once again, calibrating Electronic Warfare Systems. I worked with a team of Field Representatives that went from one military post to another working on different types of electronic security systems. Those were mostly around the Minuteman missile sites. One of those posts was Whiteman AFB which initially brought me to Sedalia. My time at Whitman was interrupted by a year in Vietnam, still with Sylvania but as a DOD contractor. That project was a tunnel detection system, the forerunner of today's ground search radar. When I returned to the States, I chose to settle back in Sedalia which after a few years got me involved in SPARK, so here I am.

(Ed. Note)...and Ron, we're so thankful you chose US!



February Birthdays

Mark Jackson (NØOWZ) 3rd

Paul Withers (KDØETL) 10th

Rick Wade (KDØCNC) 26th



WHO'ZIT?

I've lived in several locations in the mid-United States from the flat plains and corn fields of Illinois to the rolling hills of Tennessee. I grew up on the river hunting and fishing. In my younger days I would work on my friends' and my own automobiles, swapping out engines and building hotrods. Several years of cutting hay and tobacco were some of the first jobs I landed. Interested in electronics, I started programming on Apple computers and bought my first Tandy computer later on. This also led to a general interest in electronics and CB radio which is where I first learned of ham radio. The rest is history!

Although there were many close guesses, no one identified the victim as **Daren Nerad (KDØOPS) !**

WHO'ZIT?

February Victim

I first became interested in radio with the CB radio in the 70's.

I got my first job at 10 years old. I delivered 100 newspapers, 6 days a week, on my bicycle.

I learned to shift a manual transmission on an Allis-Chalmers tractor. I spent many summers doing farm work, but didn't grow up on a farm.

I've traveled most of the lower 48 states, been to Mexico and Canada, and been to all the countries in Europe, and half the countries in Africa.

I've been told I have the perfect face for radio.

I love the many things Missouri has to offer and enjoy spending my time outside if I'm not playing on the radio.

Who am I?

Contact or e-mail me at: Connie.Koch@att.net



Jeremy Troester (KEØWNU)

Dwight D. Meyer (NØQOK)



Don (KF0ARQ) left and Richard (KE0QYA) right presenting Don Weaver a plaque for providing the limousine golf carts at Sparkfest 2022. The plaque reads "Presented to Don Weaver in recognition of your generosity and support to Sparkfest 2022". The limousine golf carts have become a popular service that we have been able to provide our vendors and guests to shuttle them back and forth to their vehicles during Sparkfest. Thanks again Mr. Weaver for your support.



TECH TALK

WEEKLY HAMMETS RADIO NET

de – Harry (KØTV)

Did you know there is an on-air radio net being held every week that is targeted toward, and run by, the ladies of Amateur Radio. I'll bet the SPARK club Sparklers members would enjoy checking into the net.

This net is on Fusion in the Kansas City Wide room every Tuesday at 8:00pm local time.

Whoa! What if you don't have a Fusion radio. No problem. The net is being ported over to Talk Group 313136 on DMR which is available on Time Slot 1 of the KE0CYW Cole Camp DMR repeater.

Whoa! What if you don't have a DMR radio. No problem. It is possible to monitor DMR talk groups using only an internet connected computer, which includes smart phones, and a web browser. This solution will be listen-only, but will still let anyone enjoy the net. You can monitor any DMR talk group for that matter.

Browse to the BrandmeisterHoseline network.

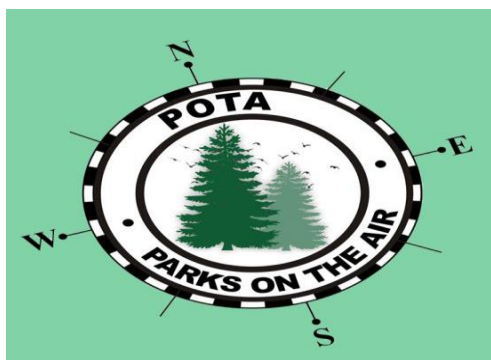
<https://hose.brandmeister.network>

From there, start the PLAYER located in the upper right of the screen. Search for the talk group number 313136, you won't find it from any keyword searching. Click on the resulting 'Listen to 313136', and it will be added to the list of talk groups you want to monitor. Adjust your computer speakers to a comfortable volume level and enjoy. Closing the browser will turn off the feed.

Enjoy the net!
Harry, KØTV

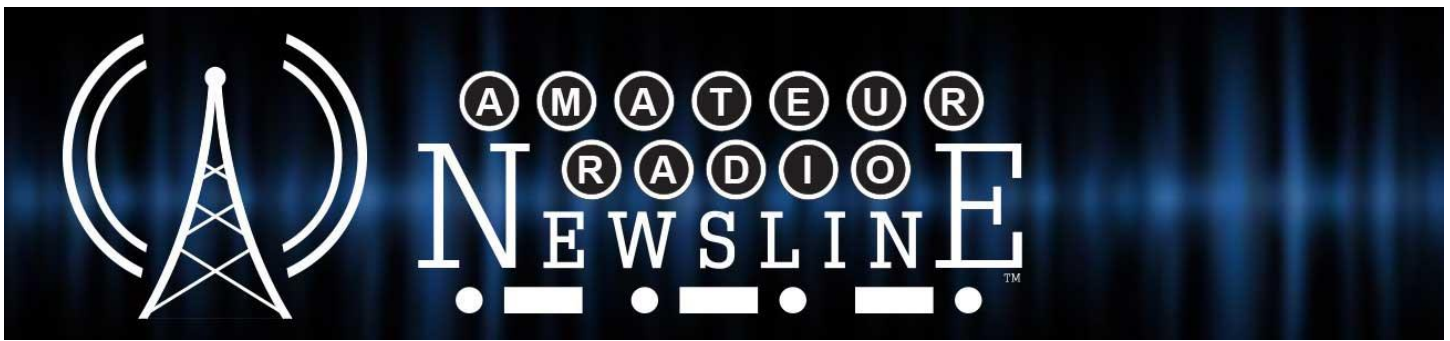
WHO'S OUT THERE WORKING POTA???...IN FLORIDA!!!

LARRY LAKE !!! (KBØLCO)



Here in Florida I have worked 13 parks with 2 watts on the 13th floor with a 20 meter end fed dipole hung over steel railing resting against a 23 story condo. Things are not in my favor condition or equipment wise. Switching today to a 72" vertical under a balcony of steel/concrete. Storms today - rains, wind so no operation. If I have success I let you know in a week or so.

Date	Activator	Park	Band	Mode
01/26/2023	K4QD	K-3659 St. Sebastian River Preserve State Park (US-FL)	20M	PHONE
01/26/2023	KO4TXN	K-3857 Horton Grove State Nature Preserve (US-NC)	20M	PHONE
01/25/2023	K4NJ	K-1887 Jonathan Dickinson State Park (US-FL)	20M	PHONE
01/25/2023	K4NJ	K-6281 Loxahatchee River National Wild and Scenic River (US-FL)	20M	PHONE
01/25/2023	KC3KJQ	K-2900 Huntington Beach State Park (US-SC)	20M	PHONE
01/24/2023	KO4GAR	K-2726 Crowders Mountain State Park (US-NC)	20M	PHONE
01/23/2023	KN4QOT	K-2729 Eno River State Park (US-NC)	20M	PHONE
01/23/2023	KI5VIE	K-3058 Stephen F. Austin State Park (US-TX)	20M	PHONE
01/23/2023	N4ARV	K-7389 Cypress Creek Preserve State Conservation Area (US-FL)	20M	PHONE
01/23/2023	KQ4KK	K-8146 Ditch Pond Heritage Preserve Wildlife Management Area (US-SC)		



More Amateur Radio Astronauts Head for the International Space Station

01/06/2023



Three of the four new astronauts on February's planned launch of the SpaceX Crew-6 mission to the International Space Station (ISS) are amateur radio operators.

The four crew members that comprise the SpaceX Crew-6 mission pose for a photo during a training session on the crew access arm at the Kennedy Space Center's Launch Pad 39A in Florida. From left are, Mission Specialist Andrey Fedyaev, Pilot Warren "Woody" Hoburg, Mission Specialist Sultan Al

Nedayi, and Commander Stephen Bowen. Photo Courtesy of SpaceX.

Pilot Warren "Woody" Hoburg, KB3HTZ; Commander Stephen Bowen, KI5BKB, and Mission Specialist Sultan Al Neyadi, KI5VTV, will join Mission Specialist Andrey Fedyaev on board the SpaceX Dragon spacecraft, Endeavour.

The spacecraft will be atop a Falcon 9 rocket and, while a launch date has not been selected, the earliest date would be mid-February 2023.

All crew members have learned about [Amateur Radio on the International Space Station \(ARISS\)](#), received guidance on studying and testing, and learned how to operate the ARISS radios and the basics of on-the-air protocol from ARISS team members at NASA's Johnson Space Center.

The crew will be able to participate in ARISS, using the ham radio station on the ISS to contact schools and other educational institutions.

ARISS is a cooperative venture of international amateur radio societies and the space agencies that support the ISS. In the US, participating organizations include NASA, the ISS National Lab, [ARRL](#) The National Association for Amateur Radio®, and AMSAT.

-de ARRL-

Congratulations

Russ Taylor (KN6NDZ) Upgrades to Extra Class!



ALSO.....

Graduating Class of Brass Pounders – December 2022



Ten weeks of steady progress paid off for this graduating class. BEST WISHES for your continued success as CW operators! (Not pictured - Kevin Zimmerschied (KBØVZS))



Amber Nerad (KEØQYL)



Daren Nerad (KDØOPS)



Renda Jackson (KBØUVW)



Larry Lake (KBØLCD)



Steve Goodwin (KC8AEK)

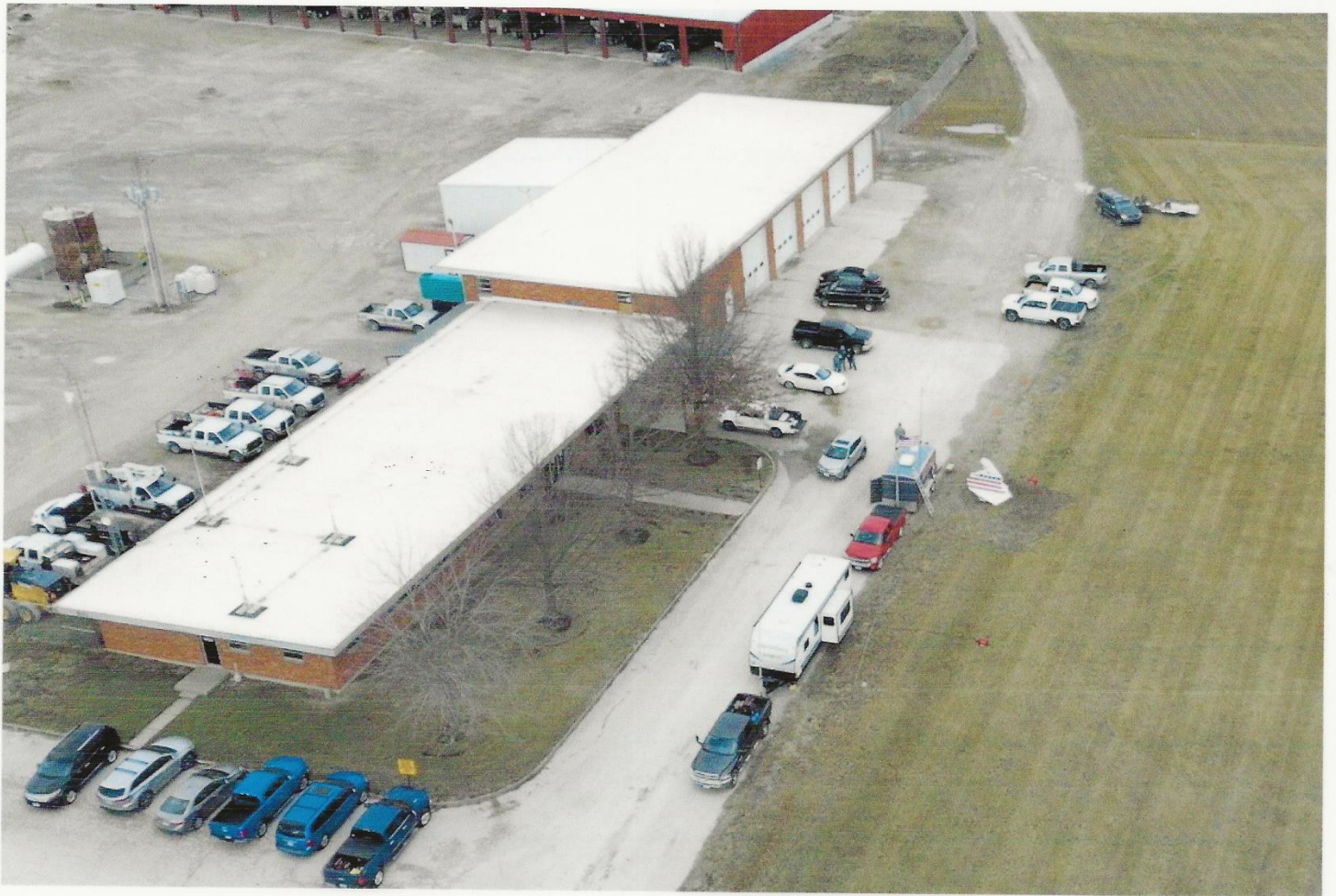


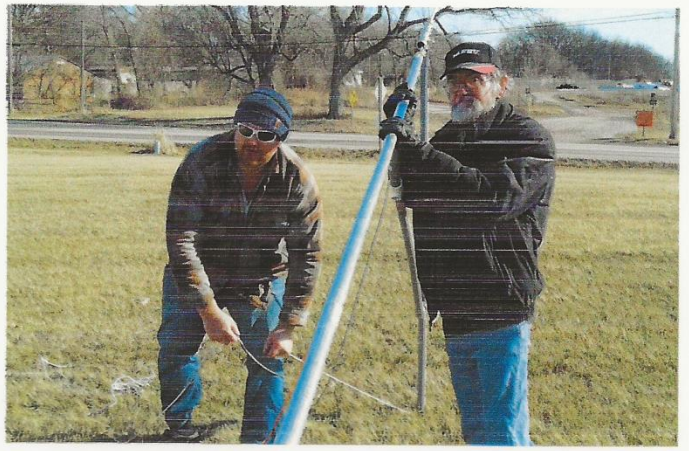
Kevin Zimmerschied (KBØVZS)

WINTER FIELD DAY – JANUARY 28th & 29th 2023

Four Operating Stations With 26 Members Present







IN THE SPOTLIGHT INSIGHT

I shall continue to post the Newsletter Personality Questions which will put YOU in the SPOTLIGHT for a future issue of SPARK newsletter! Choose any 5 (or more!) questions you'd like to answer and e-mail to: Connie.Koch@att.net. You've seen responses from Don (KFØARQ), Doc (W3MEB), Steve (WAØWUY), Renda (KBØUVW), Dennis (KYØP) and Scott (KJ4MWF) and others! What interesting life experiences they have had! We want to hear about YOURS too!

Personality Questionnaire

How did you get involved in HAM Radio and how long have you been a Ham?

What's your favorite way to spend a day off?

What's next on your bucket list?

What's your favorite TV show(s)?

What are your favorite pastimes or hobbies in addition to HAM Radio?

What's a funny joke you'd like to share?

What's your most prized possession and why?

What's the first thing you'd do if you won the lottery?

What's something few people know about you?

What cause(s) are you passionate about?

What possession or item would you NOT want to live without?

What's the best gift you ever received?

What's the worst gift you ever received?

Is there one job you'd never want to do?

What's a favorite job you'd like to do?

Who inspires you?

What's your favorite thing about your job OR retirement?

What makes you most happy?

Who has made a great impact on your life and why?

How do you like spending time with family or friends?

What's your favorite food (besides Connie's brownies? :-)

What's a favorite family memory?

What's your nickname (other than your HAM call)?

What's been your favorite vacation ever?

What equipment would be in your 'Dream' HAM Shack?

Do you volunteer? If so, where and why do you enjoy it?

Who do you admire most in the world?

Do you live by any words of wisdom? Please share them.

What is your definition of success?

What famous person, would you like to spend a day with and why?

If a genie gave you three wishes what would they be?

Do you have any special or unusual skills?

What's your favorite story about yourself?

SIGNING OFF WITH BROOKS (KAØJWA)

Radio Hams Keep 'Queen Mary' Wireless on the Air



The Queen Mary, an ocean liner that once sailed the North Atlantic, is now permanently



berthed in Long Beach, California, where it's a tourist attraction and hotel. In one of the rooms aboard the ship, the tradition of ship-to-shore wireless operations is continued and visitors are introduced to the hobby of ham radio. A young visitor recently got an introduction to Morse code, the original system of dots and dashes once used for wireless communication. Amateur radio operators still use it today. The Queen Mary was the pride of the Cunard Line after its 1936 launch, and is now a popular tourist attraction. The wireless room preserves the ocean liner's communications hub. Queen Mary Commodore Everette Hoard said it was a lifeline in emergencies, providing two-way messages -- ship to shore. "And not only did they carry several transmitters for transmitting the ship's business, they also, even in 1936, had radio telephone service," said Hoard. Today, volunteers from the local amateur radio club show off old equipment and operate new gear, as they talk to hams around the world.

....and the rest of the story!

The Queen Mary - Her Story – Amateur Radio

Radio During the Queen Mary's Decades at Sea

Like all other vessels of her era, the Queen Mary used maritime MF and HF radio frequencies to communicate with other ships and with shore side high seas radio stations. Most of the world's shipping lines contracted with radio companies to provide equipment and skilled radiomen for their ships, the largest being Marconi's Wireless Telegraph Company. Cunard Lines selected the much smaller International Marine Radio Company to provide their ships with radio equipment and operators. IMRC designed and custom-built most of the equipment used on Cunard liners, and employed the radiomen who maintained and operated it. Some of that IMRC-built equipment is still on display in the Wireless Room. IMRC radiomen sailed on every voyage of the Queen Mary, using the radio callsign GBTT, providing communications in support of intership safety, navigation, weather, news reports, ship's

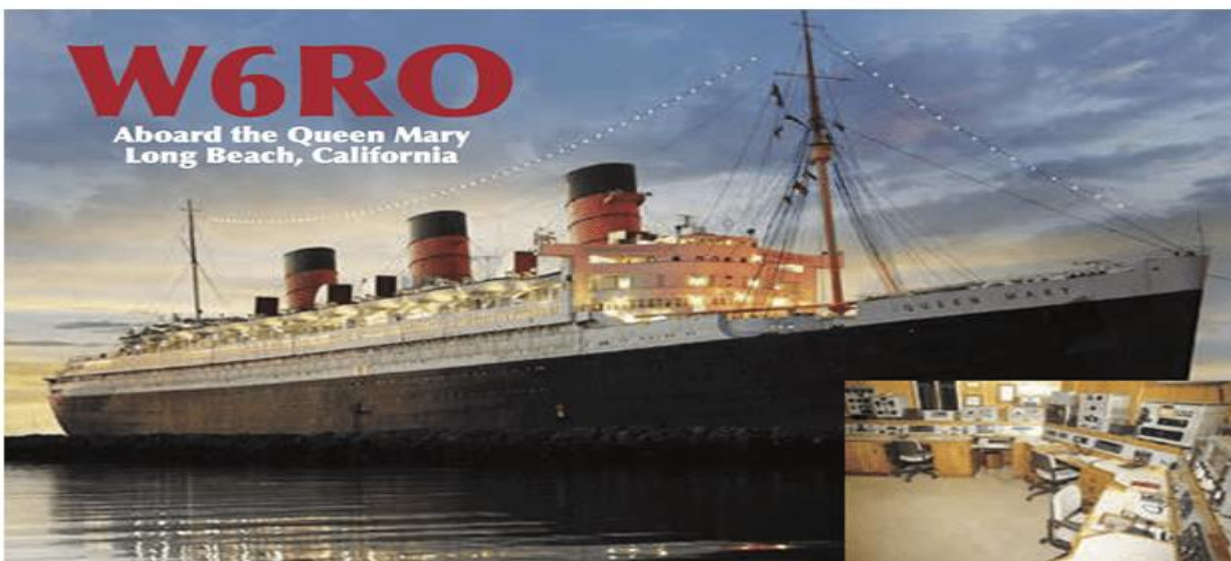
business, crew and passenger messages, and even radio-to-landline telephone calling for those who would pay the rather high prices for that service. Except for the ship-to-shore radiotelephone calls, most other traffic was passed using Morse code radiotelegraphy. In this era, radiotelegraphy was more efficient and reliable, being able to get through noise and signal fading much better than the AM and SSB voice modes.

Even into the 1950s and 1960s when Amateur Radio became increasingly popular, IMRC radiomen weren't much interested in tuning-in and operating on the ham radio frequencies. Indeed, after working a watch of four to six hours of pretty much constantly sending and copying Morse code traffic, the radiomen had little desire to do more of the same on the ham bands on their own time.

Amateur Radio Station GB5QM on the Queen Mary's Last Great Cruise

Amateur radio first came aboard the Queen Mary for her Last Great Cruise in 1967. Upon learning that the City of Long Beach was considering the purchase of the Queen Mary to serve as a larger-than-life icon of its emerging status as an 'International City', Long Beach resident and radio amateur Nate Brightman, K6OSC, fell head-over-heels in love with the idea. He bent every ear and pulled every string he could to convince city leaders to go ahead with the deal. They heard him, and the purchase was made. Then, learning about the emerging plans for a Last Great Cruise to deliver the liner to Long Beach, Brightman hatched a plan to place an amateur radio station aboard the ship to contact and converse with radio amateurs around the world during the Queen Mary's Last Great Cruise.

Brightman had to overcome many significant impediments to this project. The Cunard Line, US State Department, and the British Government all had to be brought into agreement to permit this event to happen. When all was arranged, Long Beach radio amateur Al Lee, W6KQI, led a team of amateurs as they flew to England, boarded the Queen Mary, installed their radio equipment, and broadcast from the Queen Mary at sea using the British-issued callsign GB5QM during the Last Great Cruise. Every radio amateur around the world who made contact with GB5QM was sent a commemorative 'QSL' (confirmation of radio contact) certificate. One of these certificates is still on display in the radio display room. The 'Queen' is currently undergoing further restoration in Long Beach harbor.



QRT FOR NOW! de WAØQCJ es KAØJWA

