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 Historian: Michaline Przekop, KC9ARP
 Webmaster: Dave Lieberman, KT8E
 Treasurer: Chuck Lind, M.D., N8CL
 Radio-Internet: Chip Keister, M.D., N5RTF
 MediShare: Arnold Kalan, M.D., WB6OJB
 Aether Editor: Warren Brown, M.D., KD4GUA
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MARCO's "AETHER" Pronounced "Ether"
 Healthcare & Radio in One Medium
 The Medical Amateur Radio Council

135th
Edition
2000-2022

Visit our [Public Facebook page—HealthCareHams](#)
 Join Our [Private Facebook group—MarcoMedical](#)
 Follow us on [Twitter—@HamsCare](#)
 MARCO callsign [WB5D](#), see us on [QRZ](#)



A non-profit Corporation, founded in 1966, privately supported for the public good and dedicated to the advancement of Medicine through Amateur Radio.

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Vol. LVI (56th year)—June 2022—Online Edition #7—PO Box 1333, Hawthorne, FL 32640

Annual Meeting Edition

Eyeball QSOs are a valued component of amateur radio organizations. Dedicated members and leaders of MARCO found creative ways to engage the membership during the pandemic phase of COVID-19. HF and digital nets, our google group, the Aether publication, Zoom meetings, and a new book club forged new friendships, a prelude to a hybrid post-pandemic world where organizations augment in-person interaction by applying modalities that assisted them through challenging times. In this edition of the *Aether* we celebrate many of the members, who are the past, present and future leaders that make the Medical Amateur Radio Council vibrant.



Two-time MARCO President Bruce Small, KM2L, presenting newly installed President Bernie Krasowski, KD5QHV with the Presidents plaque at our annual business meeting in Fairborn OH on May 20th 2022. Read more about Bernie on page 11 in his first "greetings" column. The names of the Presidents who have served MARCO are engraved on plates surrounding the gavels. Two are required to include all that have served. This year is the first time the newly designed regalia has been presented. Bruce's name and callsign appears on both gavels, a testament to his longtime dedication to MARCO, as he has served the organization's President in two eras.

MARCO annual meetings alternate between HamVention and a city of the MARCO president's choice. They are structured to make for an enjoyable experience for members and their spouses. See pg. 5 for minutes of the MARCO's 2022 annual business meeting and pgs. 2-4 for all the fun!



Our May 20, 2022 annual meeting was a hybrid event, live in Fairborn OH, and on Zoom. [Click here to view/stream a recording of the meeting.](#) Minutes are on pg. 5. Pictured above is Chip N5RTF discussing potential updates to the *Bob Currier Grand Rounds on the Air 20m HF net*.



[Link to video](#), a glimpse of the musical MARCO adventures one can look forward to enjoying at our next annual meeting April 2023 in El Paso, Tx.

MARCO Annual Meeting Social Event Fun



Thursday evening after arrival we met for dinner a local Vietnamese restaurant.



Our headquarters hotel was also that of AMSAT NA. We negotiate prices in tandem with them to obtain better pricing. Keith N3IM is pictured with former AMSAT President Barry Baines WD4ASW. Jay was pleased to catch up with Barry as they have known each other for 42 years!



Saturday night banquet dinner. Pictured left to right are Bruce Small KM2L, Chuck Lind N8CL, his wife Roz, Teresa Small, MARCO friend Steve Rossbach K9SGR, Keith Adams N3IM, Carl Werntz WA3ZZU, Steven Davidson K3FZT, Jay Garlitz AA4FL, Linda Krasowski KE5BQK, and Berne Krasowski KD5QHV.



You never know what you learn about friends at a MARCO meeting. Past President Keith, N3IM, told us the details about his ring. A patient who is a friend is also a close friend of musician [James Taylor \(You've got a Friend\)](#). JT visits [Lock Haven Pennsylvania](#) often, and got to know Keith.

Upon finding out Keith was a [freemason](#) and a MD, JT expressed a desire to give Keith his late father's masonic ring, as dad was both (former dean of the Medical School at the University of North Carolina). Keith declined the first time the offer was made in the early years of knowing JT, but in subsequent visits the offer continued in sincerity and he accepted.



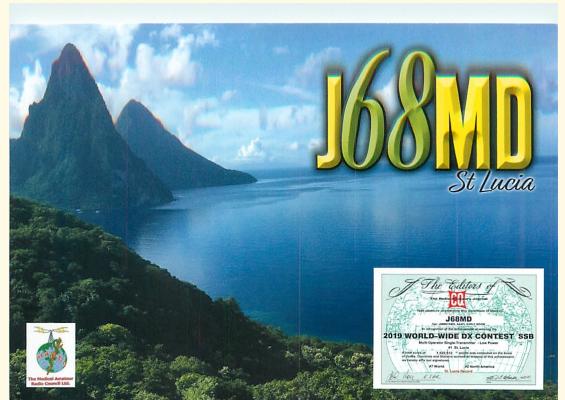
MARCO 2022 HamVention Highlights



Above: MARCO Secretary Jay AA4FL, two-time and outgoing President Bruce KM2L, and Treasurer Chuck N8CL at our HamVention MARCO booth. Our new location is in a permanent structure, building five.



Above: The neighboring booth housed physician Jack Nilsson N8NDL. He is also an engineer with an entrepreneurial flair for antenna design. His company's COMPACTennas are popular with many of our members. Jack is a new MARCO member.



Top left—Jay Garlitz AA4FL with new 7th call area Regional Director Lee Barrett K7NM (owner of [PhotoQSLs.com](#)). Middle above—Jay with Bill Schmidt J68HZ, host to our J68MD 2019 CQWW phone contest entry and top right—QSL by David Rodman KN2M.

Photo on left—MARCO member and flight surgeon Keith Brandt WD9GET with Jay and Bruce Small KM2L. Keith is on the design team for the [Orion spacecraft's](#) emergency medical kit. Below (left to right)—photos of Keith at work at the Johnson Space Center, Keith welcoming home team member Raja Chari, KI5LIU from the Space-X Endurance Dragon Crew-3 mission earlier this month, and Keith welcoming home astronaut Jessica Meir from the Soyuz expedition 62 mission April 2020 in Kazakhstan. Flight surgeon Keith cares for the astronauts assigned to him prior to, during, and post-landing from their missions. Keith occasionally checks into MARCO's DV net from Moscow.



MARCO 2022 Business Meeting Highlights



Top left: incoming President Bernie Krasowski KD5QHV, with wife Past-President Linda KE5BQK. She is our 5th call area regional director

Top right: Secretary Jay Garlitz AA4FL with two time and outgoing President Bruce Small KM2L.

Left: two first time annual business meeting attendees who are regular DV net participants, Jack Spitznagel KD4IZ and Steven Davidson K3FZT. Jack is one of the editors of the AMSAT News bulletin.

Bottom left: incoming President-Elect Barry Rabin WB1FFI attending by Zoom.

The bottom right DV net YouTube producer Hilton Libanori PY2BBQ joining in from Brazil. International director Etsuo Takada JA0BXP also attended the virtual portion of the meeting, from Japan.

Minutes of the May 20th, 2022
MARCO Annual Business Meeting
[**Click here for a video of the meeting**](#)

The annual business session of MARCO was called to order by president Bruce Small (KM2L), at 13:00 UTC on May 20, 2022. The meeting was held at the Wingate hotel on Presidential Dr. in Fairborn, OH, with attendance by members in-person and on the Internet by Zoom. Participants from three continents were present.

The agenda for the annual meeting, the minutes of the 2021 annual meeting and the treasurer's report documents were made available to those in live attendance and distributed by google group prior to meeting for those participating by zoom, and for those not in attendance. [These documents can be viewed by clicking here.](#)

In-person attendance included President Bruce Small (KM2L), Secretary Jay Garlitz (AA4FL), President-elect Bernie Krasowski (KD5QHV), 5th regional director Linda Krasowski (KE5BQK), 3rd call area regional director/Past-President Keith Adams (N3IM), Treasurer Chuck Lind (N8CL), Jack Spitznagel (KD4IZ), and Steven Davidson (K3FZT).

In attendance by Zoom: President-Elect candidate Barry Rabin (WB1FFI), Membership Committee member Alanna Conder (K4AAC), Radio-Internet Coordinator/Past-President Chip Keister (N5RTF), Director-at-Large—WB5D F.C.C. trustee/Past-President Jeff Wolf (K6JW), 2nd call area Regional Director Diane Rodman (NM2K), 4th call area Regional Director/Past-President Mary Favaro (AE4BX), Webmaster Dave Lieberman (KT8E), International Regional Director Etsuo Takada (JA0BXP), DV Net YouTube publisher Hilton Libanori (PY2BBQ), David Rodman (KN2M), and Richard Jones (VE3RXJ).

The minutes of the 2021 annual meeting were moved for approval by Barry Rabin (WB1FFI) and seconded by Jeff Wolf (K6JW). The vote for approval was unanimous.

A Presidents Report was made by Bruce Small (KM2L); a Secretary's Report was made by Jay Garlitz (AA4FL); and a treasurers report by Chuck Lind (N8CL). Details of all three reports and are available in [the video recording of the meeting](#) with a summary that follows.

In his report Bruce highlighted the excellence of Warren Brown (KD4GUA) in serving MARCO and the challenge of finding future volunteers to fill the many roles he serves when he decides to retire from service. The need to engage our many new members was mentioned. A historical banner of MARCO was located in Bruce Small's (KM2L) basement and displayed to the group.

Jay Garlitz AA4FL reported on the demographics of our membership, status of membership as to amount of members per membership terms, courtesy for 90 year old and older, 1, 2 and 5 year members. The totals per call district and country were also presented. A necrology report was presented. The Internet domains that MARCO owns were discussed and Jay suggested that HealthCareHams.org might be attractive to use in tandem with marco-ltd.org, to improve our visibility. In addition Dave Lieberman (KT8E) suggested we evaluate resuming a google words campaign and explained how focusing on "keywords" for effectiveness.

Identifying new hams who might be interested in joining MARCO was discussed. After a lengthy discussion on resources for addressing the issue, Richard Jones (VE3RXJ) and Steven Davidson (K3FZT) agreed to be on a publicity committee to investigating

In Chuck Lind's (N8CL) treasurer's report he explained the MediShare Activities account and the different projects designated within. Donations for the year where acknowledges and those designated by donors for the scholarship fund was explained. Three signatories to the checking account are present and the reasons for this was explained. The minutes were verified by a vote to reflect that the decision made as to signatories by the board be official MARCO policy for the purpose of making changes with our bank, Bank of America, with the secretary and treasurer will remain on the account as is and the 3rd person to be selected.

MediShare was discussed in the context of allowing INDEXA to enter in discussion with the MediShare committee for developing joint projects that satisfy their humanitarian fund's goals and meets our objectives.

Bruce Small (KM2L) reminded us that joint efforts for MediShare projects are part of our history, and have been effective. A motion was made to approve the motion by Chuck Lind (N8CL), which was seconded and approved.

A report from the Grand Rounds on the Air net was discussed in detail. Chip Keister (N5RTF) discussed potential enhancements in detail. When Warren Brown (KD4GUA) retires as net control it will take many volunteers to reach the same level of achievement as this exceptional individual. Bruce Small (KM2L) and Chip (N5RTF) volunteered to participate and stated it was time collect names of others who would like to participate. See the meeting video for the full discussion regarding proposals for strategies, structure, and new technologies to overcome the limitations of propagation.

Jay Garlitz (AA4FL) presented a report of the *Aether*. Consideration if a change to a quarterly publication to be released on the 15th of the month prior to the quarter was held. There is no immediacy of need. The board delegated to Warren Brown and Jay to decide how often to publish the *Aether*. It was noted that the *Aether* in print editions are also used for publicity, being available at our hamfest booths to prospective members. The use of a disclaimer that states the content are not the views of the organization but those of the editor was suggested. We were reminded that these publications are present in the public venue.

Dave Lieberman (KT8E) provided an informative Webmaster report. In regard to a potential disclaimer being used, on the Website the implementation would be a user agreement for first time users. The addition as "stripe" for processing credit cards payments on the site as an addition to PayPal was explained. Dave has recently added analytic tools to the Website to offer feedback for usage of the site, which he will report in the future.

Alanna Conder (K4AAC) and Jay Garlitz (AA4FL) made a presentation about the mechanism used for approving new members. Webmaster Dave Lieberman (KT8E) has set up an online membership application that doubles as a form for renewal. Once submitted Jay and Alanna receive the submission and get billing processed once their status as being eligible for membership.

Old Business:

Jay Garlitz (AA4FL) reminded the group that we had a Dxpedition planned for the following two weeks that was postponed due to technicalities affecting travel that would impact the effort, due to COVID-19. Plans for future MARCO Dx trips for now are on hold. For social interaction and group travel fun designed with activates for non-ham spouses we will move toward US destinations where ham radio contesting can be a component for those who desire.

David Rodman (KN2M) has produced a QSL card (see on pg. 3) for confirming J68MD contacts from our MARCO St. Lucia trip. The card was displayed to the group.

New business:

An election of officers for a two year period was held with Bernie Krasowski K(D5QHV) being elected President and Barry Rabin (WB1FFI) being elected President-Elect. The treasurer (Chuck Lind N8CL), and Secretary Jay Garlitz (AA4FL) will continue in their positions. Four changes in regional directors (one year terms) were made with new directors in the 2nd, 7th, 8th and 9th call districts, per the list on page 6. The Director-at-large have one change, Bruce Small (KM2L) as Immediate-Past-President coming on and Harry Przekop (WB9EDP) stepping back. A vote was taken to elect or appoint all as listed, which was done so unanimously.

Other new business included a HamVention booth report by Keith Adams N3IM), and special event usage of the WB5D MARCO Call which was assigned to Jeff Wolf (K6JW) and Barry Rabin (WB1FFI) for consideration. Suggestions included an event on Doctor Day, or combine with an Islands on the Air event.

The meeting adjourned at 15:09 UTC

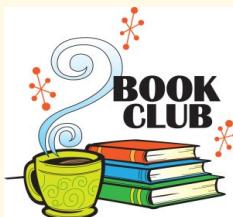
MARCO Book Club

MARCO recently started a Zoom based book club at the suggestion of new member Joe Kalfa KD2HZG.

The first session covered the book suggested by member Merrill Knopf WW6AA, [Unwinding Anxiety: New Science Shows How to Break the Cycles of Worry and Fear to Heal Your Mind](#) by Judson Brewer, MD, PhD.

The second session covered the book suggested by Joe Kalfa KD2HZG, [The Emergency Mind](#) (author Dan Dworkis MD PhD).

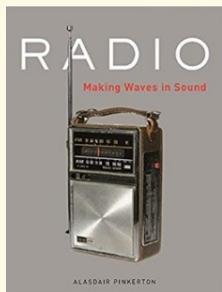
Our next meeting of the MARCO book club will be [held July 12th](#) to discuss the book [Radio: Making Waves in Sound](#). We have six weeks to purchase, read and explore this August 2019 book (240 pages) which should stimulate interesting group discussion of our members' perspective on the science involved, and their own lifetime experiences with radio. [Click here for the link](#) to Amazon for the affordable kindle and hardcover editions.



Join our Zoom Meeting Tuesday July 12th, 9pm Eastern through [clicking this link](#), and using the following sign-in info:

Meeting ID: 891 9289 9368
Passcode: 559150

From Amazon:



"Radio is a medium of seemingly endless contradictions. Now in its third century of existence, the technology still seems startling modern; despite frequent predictions of its demise, radio continues to evolve and flourish in the age of the internet and social media. This book explores the history of the radio, describing its technological, political and social evolution, and how it emerged from

Victorian experimental laboratories to become a near-ubiquitous presence in our lives. The book is shaped by radio's multiple characters and characteristics – radio waves occur in nature, but have been harnessed and moulded by human beings to bridge oceans and reconfigure our experience of space and time."

"This is an informative and thought-provoking book for all enthusiasts of an old technology that still has the capacity

MARCO OFFICERS, 2022-2023

Contact info— mail and e-mail addresses are on QRZ.com.
E-mail is preferred, phone contact info is provided for the President and Secretary only.

President: Bernie Krasowski, KD5QHV
P: 915.449.0234

President-Elect: Barry Rabin, M.D., WB1FFI

Secretary: Jay Garlitz, D.M.D., AA4FL
C: 352.246.6003

Treasurer: Charles Lind, M.D., N8CL

Web Master: Dave Lieberman, KT8E

Radio-Internet Coordinator: T. "Chip" Keister, M.D., N5RTF

MediShare Director: Arnold Kalan, M.D., WB6OBJ

Newsletter: Warren J. Brown, M.D., KD4GUA

REGIONAL DIRECTORS:

(1st call district) Don Arthur M.D., J.D., K1DCA

(2nd call district) Diane Rodman R.N., NM2K

(3rd call district) Keith Adams, M.D., N3IM

(4th call district) Mary Favaro, M.D., AE4BX

(5th call district) Linda Krasowski, R.N., KE5BQK

(6th call district) Paul Lukas N6DMV

(7th call district) Lee Barrett, M.S.E.E., K7NM

(8th call district) Mark Young, M.D., N2OJD

(9th call district) Stu Oserman, M.D., WA9ZPL

(0 call district) Carlyle Rowland R.N., N0ARN

(Dx director) Etsuo Takada, M.D., JA0BXP

DIRECTORS-AT-LARGE:

Bruce Small, M.D., KM2L, Immediate Past-President

Arnold Kalan, M.D., WB6OBJ,

Chip Keister, M.D., N5RTF

Jeff Wolf, M.D., K6JW,

Jerry Ziperstein, M.D., N4TSC

AD-HOC COMMITTEES:

Membership—Jay Garlitz AA4FL, Alanna Conder K4AAC,
Michaline Przekop KC9ARP

Grand Rounds Net—Chip Keister N5RTF, Jack Spitznagel KD4IZ,
Jerry K4TSC, Linda Krasowski KE5BQK, Harry Przekop WB9EDP

Historian: Michaline Przekop, KC9ARP

GREETINGS FROM YOUR PRESIDENT

June 2022



Hello MARCO members, WE MISSED YOU this year at Xenia and the "even year" business meeting here!

Wife Linda KE5BQK is a R.N., former MARCO President, and your current 5th call area director. Through Linda and my many visits with the MARCO group, I was recruited as a candidate as MARCO's president. Twice responding that 'I wasn't a medical person' seemed to work but when the current president explained the need for an incoming president was critical due to the late withdrawal by the current President-Elect, the third time was a charm I might mention she didn't Volunteer herself for another term as your president but volunteered me in a country minute!

Interesting enough, while I don't have a C.V. centered on medicine, I do have a resume that says I've got 13,263 flight hours. 3,000 in helicopters, but that led to some opportunities for medical experiences...

While on a MEDEVAC assignment flying both UH-1H Huey's, and UH-60A Blackhawks, there was a short class for EVAC pilots. My unit did not include me in that training, however, when I spent an eighty-nine day assignment in the fun and sun in Honduras in 1985, I found myself interfacing with the medical folks on the ground. At the field site where we were supporting an engineer battalion that was building a road in the jungle through streams... I found myself assisting a reserve Colonel doing patient BP, temp, pulse... as the Colonel was doing it for a CW2 physicians' assistant! Oh yea, the Colonels specialty Pediatric Allergist!

Speaking of that PA, I leaned the ropes, started, and ran two IV bags on THAT PA! Following that, a medic from one of the subunits came in and said he hadn't started an IV in a while and could we help him. The Sergeant First Class who had just talked me through my first stick asked me if I had this one, to which I answered YUP! I talked my way through the exercise so, the young specialist could understand what I was doing. Once the line was in, he asked "How many times have you done that?" He said I made it look easy. I answered, "including that one, TWO!!!"

My final chapter in health care occurred when a Captain arrived in Honduras and said he couldn't find his shot record so he needed all his shots! I was talking to another PA at the time and he asked me if I'd ever given a shot. The answer was no but I suspected that I was about to! I did, giving four or five vaccinations and the old TB/Tine test!

In military pun, now that I've got your attention, please pass on suggestions how we can make MARCO bigger, better and stronger! My email address is on [QRZ](#) (KD5QHV), and my phone number is listed on the officer's page of the *Aether*. Don't hesitate to email, call or text!

My initial thoughts for our annual business meeting next year is to hold it in El Paso on a long weekend in mid to late March. For those with kids or grandkids with the meeting before Easter. Having the meeting in March also provides cooler temperatures for our long weekend's social activities. Let me know your thoughts and we'll go from there,

73

Bernie KD5QHV

Annual 2023 Business Meeting
El Paso, TX March 2023, date TBD

Linda and Bernie are developing meeting events to make this meeting one not to miss, even if you attended Linda's El Paso annual meeting when she was President. Things to do in the El Paso area can be augmented by including many day trips to nearby sites.

Sample of day trips for an extended stay



[Carlsbad Caverns National Park](#) (NM)—124 miles



[Roswell, NM](#)—205 miles



The top seven day trips from El Paso from *The Lonely Planet* area are listed here by click

MARCO Nets

Weekly MARCO Medical Grand Rounds Net

The Medical Amateur Radio Council Organization (MARCO) conducts weekly Grand Rounds on Sundays at 1500 UTC (summer months) and 1600 UTC (winter months) on 14.342 MHz. Physicians from many specialties, including naval flight surgeons, biomedical physicists, infectious disease specialists, trauma surgeons, dentists, and many others discuss informative, and timely medical topics. The Net has worldwide listenership and contributes to dissemination of medical and public health awareness. MARCO live streams the Grand Rounds net audio on their website at www.MARCOAudio.net.



Founded in 1966, MARCO's mission is to promote goodwill and fellowship among amateur radio operators who are professionals in the healing arts or who have an interest in medicine, dentistry, and allied fields. MARCO is open to all licensed amateur radio operators who are healthcare professionals or affiliated with the medical industry. MARCO participants may receive one hour of Category 2 CME credit per Grand Round presentation.

On-air network operation is an integral part of MARCO activities and is conducted for the purpose of discussing and exchanging medical and technical information and, whenever possible, to be a public service by passing emergency and priority traffic. All General class or higher (and their international equivalents) licensed amateurs are welcome to check in.

Weekly Net Category II CME—on the HF Bands

Medical Topic Discussions of Interest to all

Our Radio-Internet Coordinator Chip Keister, M.D., N5RTF, New Orleans, LA...[livestreams our net online](#). Check into our nets and earn CME. For times when propagation is poor when you would benefit from audio from another receiver, if you are away from your radio, in a skip zone, or unplugged due to thunderstorms, join the MARCO CW net and Grand Rounds by live [internet streaming audio](#). These are recorded to [listen in later to the online archive](#).

Chip
N5RTF

MARCO DV NET

MARCO DV (Digital Voice) net that meets on Saturdays at 1500UTC. We have chosen to use the [QuadNet Array](#), an IRC or Internet Chat Facility that acts like a universal translator between difference digital modes and allows hams who identify by callsign to connect with other users of digital radios world-wide through interconnected reflectors and talk-groups. See their website for more details, including how to connect, within the <https://www.openquad.net/> webpage.

MARCO CW NET

The Bob Morgan Memorial Net

Our CW net is held every Sunday one half hour before the *Grand Rounds on the Air* net, at 09:30 central time, currently 1530 UTC, on 14.140 MHz. Net control is Chip N5RTF. The net is named after the late MARCO member Dr. Bob Morgan, VE3OQM.

At times in the past the net was on the same frequency as the *Grand Rounds on the Air* in an effort to hold the frequency for the voice net to be in the clear at the top of the hour. The net today means so much more to MARCO...

You are invited to participate. With radio license issuance in the US dropping the morse code requirement there are many members who have not had experience with CW. Our net is a great way to gain CW proficiency.

There are many advantages to learning morse code, a yes-brainer. There is increasing evidence that not only GM plasticity but also changes in white matter are important in the context of learning processes, see <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5526915/>.

Use CW through the MARCO net to keep those neural connections intact and resist the aging process! Links to other sources follow. Add to the discussion by posting to the MARCO google group: marco-ltd@googlegroups.com

[ARRL resources for Morse Code](#)

[Morse Code Instruction Learning, YouTube Options](#)

To Listen:

1. Use a browser to go to the following web page which has a player app and [links to the audio stream and archive: www.marcoaudio.net](#).
2. The second way is to manually enter <http://marcoaudio.ddns.net:8011/stream> into a standard music player on computer, phone, or portable device **while the net is in progress**.

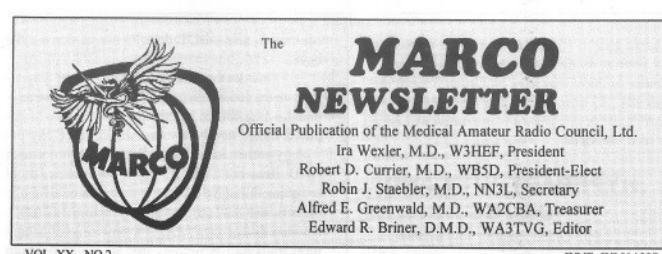
Feel free to share these links with anyone, MARCO member or not. No login or password is required. There is room for 100 listeners at a time. Comments are appreciated.

MEMORIES OF YEARS AGO IN MARCO

Our History Book

Twenty Five years ago in MARCO—February 1997

[Click on for the full edition](#)



MEDISHARE - BHF HOLDS 5TH ANNIVERSARY MEETING

The Fifth Anniversary of MediShare - BHF (founded as Bush Hospital Foundation in 1991) was celebrated by the initial founding partners in Brittany, FRANCE, over the weekend of July 5th, to July 7th. The anniversary meeting was chaired by Ken Kirk-Bayley (F5VDB / GJØKKB) with Dr. Robert (Smitty) Smithwick, W6JZU and Dr. Mike Marks, (First day only, departed Zambia evening of the 5th) in attendance.

Smitty wrote from Ken-Kirk Bayley's WWW station: "Aileen and I are here at MARCO member Ken and Elaine Kirk-Bayley's home in Brittany, France, for the meeting noted above. The BHF is the European component of MediShare International.

We have been reviewing the St. Luke's Hospital (Kenya) project as well as other MediShare projects. It was noted that some few pieces of equipment on the master list have already been procured and as a matter of fact the fixed X-ray machine is already in place in the Operating Room and a few other items have been offered - some by MARCO members.

On my return to California next week, I will be working with International Aid and Direct Relief to determine as much as possible if the equipment offered is in good working condition or if it can be brought up to factory specifications. It is probable that equipment offered the program that is not suitable for Kenya can be placed elsewhere by our Partner agencies.

Shortly after our meeting last Friday, Mike left for Zambia (9J) where he is currently doing a physical audit of a 'jungle' hospital on behalf of MediShare partner Direct Relief. In addition he will be re-visiting St. Lukes (Kenya) to review its needs and the construction of the new OR/OB wing. Aileen and I will be leaving France in the morning to visit friends in Sweden before returning home (and my E-mail) next Thursday (10th) de/ "Smitty" (W6JZU)

WARNING: If your envelope label has a 96 on the top line, your dues are due. If they are not paid by the end of the year, you will be dropped from the membership list. Send your payment to Secretary Robin Staehler, before being dropped from membership. Please, send along your check - we don't want to lose your membership

- The feature article about the fifth anniversary meeting of MediShare has relevance to the discussions held at our annual meeting this May. Highlighted is that MediShare projects were initiated as partnerships with other organizations, which correlates to MARCO entering into discussion with [INDEXA](#) for joint projects.
- Pages two and three contained an article on *Hyperactivity and Drugs*. Famous historical figures and contemporary celebrities with ADD/ADHD was discussed. With 7% of the population at the time suspected of having the disorder that would equate to 17 MARCO members from our 2022 roster!
- Editor Ed Briner laid out the foundation for humor being supportive in healing, a strategy current editor Warren Brown uses to keep MARCO healthy!

Ten years ago in MARCO—February 2012

[Click on for the full edition](#)

MARCO's "AETHER" Pronounced "Ether"
Medicine & Radio in One Medium
Official Publication of the Medical Amateur Radio Council

75th Edition 2000-2012

A non-profit Corporation, founded in 1965, privately supported for the public good and dedicated to the advancement of Medicine through Amateur Radio.

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"PANDAS" IS MORE THAN "TWO BEARS"

WE HAVE ALL TRIED TO PREVENT THE INDISCRIMINATE USE OF ANTIBIOTICS IN TREATING YOUNG CHILDREN'S URIs —HAVE WE FALLEN INTO A TRAP? —

PANDAS is an acronym for "Pediatric Autoimmune Neuropsychiatric Disorders associated with Streptococcal infections." This term describes a hypothesis that there exists a subset of children with rapid onset of obsessive-compulsive disorder (OCD) and/or tic disorders and associated symptoms are caused by group A beta-hemolytic streptococcal infections. The proposed link between infection and these disorders was that an initial autoimmune reaction to a strep infection produced antibodies that interfered with basal ganglia function, causing symptom exacerbations similar to Rheumatic Fever.....

The PANDAS hypothesis was based on observations in clinical case studies at the USNHS and in subsequent clinical trials where children appeared to have dramatic and sudden obsessive-compulsive exacerbations and tic disorders following infections. There is supportive evidence for the link but proof of causality has remained elusive. The PANDAS hypothesis is controversial; whether it is a distinct entity differing from other cases of Tourette syndrome is debated.

PANDAS has not been validated as a disease entity—it is a "disorder." It is not listed as a diagnosis by the ICD or the DSM.

Pediatric acute-onset neuropsychiatric syndrome (PANS) is a 2012 proposal describing another subset of acute-onset OCD cases including "not only disorders potentially associated with a preceding infection (includes PANDAS) but also acute-onset neuropsychiatric disorders without an apparent environmental precipitant or immune trigger."

PANDAS is thought to be an autoimmune disorder that results in a variable combination of tics, obsessions, compulsions, and other symptoms.

Marco's Bill, KC9CS, has a 6-year old grandchild that was perfectly normal until she had a strep-throat infection. Overnight, out of the blue, the child had a sudden dramatic onset of symptoms, including motor tics, obsessions and compulsions. She is now partially controlled by the SSRI drug Lexapro and amphetamines.

From the Mayo Clinic: The National Institute of Mental Health (NIMH) discovered that the OCD, tics, and other symptoms usually occurred in the aftermath of a strong stimulus to the immune system, such as a viral infection or bacterial infection. The first reported cases followed infections with influenza, chickenpox, strep throat and staph fever.

Rheumatic fever is a collection of illnesses that occurs as a result of untreated or partially treated strep infections. Research suggest that rheumatic fever results from an untreated strep infection that triggers



LATE BREAKING NEWS...

Convention Highlights...Well attended, at least 14 new members enrolled. Commencing stat, membership will run from January 1st with dues due on that date. In case of overpayment, that money will go to MediShare to help the underprivileged. A new Google-net publicity campaign will be initiated and Linda will be the gavel to our new President, Marco Favaro, AE4R. Ted will serve as Vice President, Marco, SC, Karen Koenig, Ted Harfield, Atlanta, GA, and Alfred Greenwald, New Jersey, were honored with a moment of silence at the Annual Banquet. The new hotel site, the "Holiday Inn Airport," went all-out to make our stay a happy and successful one except the breakfast egg was very limp on the sponge.

Overweight readers should check on page 9—one of our members in Dayton has been having "CoolSculpting" performed to losing abdominal fat and has had a dramatic reduction in a single walk. He down and one hour later he will return resulting in a fat loss of 25% of his area involved. The FDA approved method was researched at Harvard and is available at dermatologists and plastic surgeons for a price of around \$600 per visit. Sometimes one visit does the trick. Interested? Beats Liposuction! Type in "CoolSculpting" on your internet browser and it will describe the procedure even tell you what doctor in your area is available.

Only side-effect is temporary numbness over the area. (I am still that "purple sunburn waiting.")

Immunotherapy...Extremely friendly people. Pleasant hotel accommodations at a moderate price. Full house at the Ham-Venture with crowds similar to previous years. There seemed to be an increase in foreign birds who stopped by our MARCO booth. One 43-year old Swede had a recent heart transplant of a female heart and he explained he felt no different except he had more pep since the donor was 20 years younger.

Continued on Page Two.

- The *Aether*, was already at edition 75 of the new millennium, and in the 35th year as a MARCO publication (previously called *The MARCO Newsletter*). Current editor Warren Brown KD4GUA displays his talent with blending science and humor in providing an enticing read, then and now!
- Reading the officer's listing on page 7 reminds us of how appreciative we should be of the many long term volunteers of MARCO. The role they support and lead the organization may have changed but they continue to serve us and make important contributions to the our vibrancy. Please take the time to email and thank those currently in service, officers@marco-ltd.org, and directors@marco-ltd.org.

Online Surveying of MARCO Members

The capability to perform online surveys has been added by MARCO to increase engagement with our members in the decision making processes. Member input is highly valued! The first survey distributed explores if the *Aether* would be acceptable as a quarterly publication, a discussion initialized at our 2022 annual business meeting.

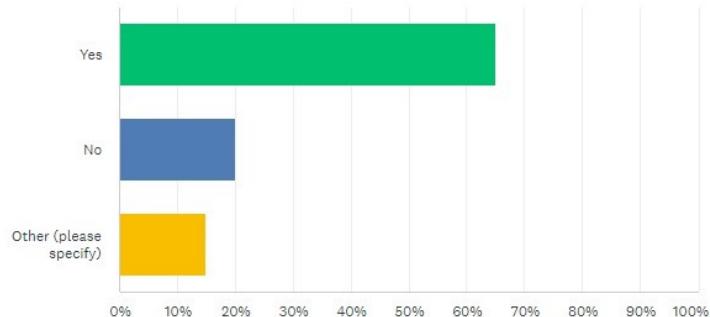
This survey was initially distributed about a week before publication on our Google Group. The initial results are displayed below. As you can observe this first effort was a simple survey with one question eliciting a Yes/No response but allowing a third choice for comments (other). Future surveys can be designed in a more intricate manner to capture feedback in areas needing member input.

If you have not already participated please take time to [click on this link to complete the survey](#).

No changes in the distribution schedule of the *Aether* are planned at this time. The responses will be helpful for future consideration, please complete the survey if not done so already.

Would you be willing to have the *Aether* change to a quarterly publication?

Answered: 20 Skipped: 0



ANSWER CHOICES	RESPONSES
▼ Yes	65.00%
▼ No	20.00%
▼ Other (please specify)	15.00%
TOTAL	20

I disagree, the on-line version has been severely delayed. I thought the plan was to have quarterly printed versions and then send out HTML/PDF versions between the printed versions.

5/29/2022 7:50 PM

[View respondent's answers](#) [Add tags](#)

Quarterly if every 2 months is becoming an issue, print is desired over internet/email for some of us due to other issues.

5/29/2022 2:06 PM

[View respondent's answers](#) [Add tags](#)

Thank you for your participation.

73,

Jay

AA4FL, MARCO Secretary

WRITE TO US!

We welcome your comments.
Email aether@marco-ltd.org

Disclaimer: Letters and articles may be edited for brevity & clarity. All content, including linked unedited member article submissions, and linked online material, are not the opinion of MARCO. The Aether's content is not Medical Advice. Graphics selected are the choice of the editor and not of MARCO-ltd.

DAY	TIME	FREQ.	NET CONTROLS
Any Day	On the Hour	14.342	Hailing Frequency
Saturday	15:00 UTC	DV QuadNet	Jay AA4FL
Sunday	10:30 a.m. Eastern	14.140	CW Net, Chip, N5RTF
Sunday	11 a.m. Eastern	14.342	Warren, KD4GUA

Page 11

MARCO Grand Rounds is held Sunday at 11 a.m. Eastern Time; 10 a.m. Central; 9 a.m. Mountain, and 8 a.m. Pacific Coast time on 14.342. You qualify for one hour Category II CME credit with your check-in.

MARCO'S CW NET, the "Bob Morgan Memorial Net"
(precedes the Grand Rounds on Air net, meeting on Sundays, 14:30 UTC, 14.140 MHz)

MediShare International News

Arnold Kalan, WB6OJB, Director



The charitable arm of MARCO is active developing new projects and appreciative of your donations. Recognize other members for their accomplishments and life events with a donation that will be recognized in the Aether.

Donations are fully tax deductible and you will receive a note of thanks with wonderful MARCO seals that look very nice on QSL cards. MARCO is a 501 (3)(c) organization, and MediShare International is a project of MARCO.



Take this opportunity to participate in MARCO's way of helping the less fortunate worldwide. For more details about MARCO's Project MediShare and the types of projects it [supports click here.](#) It is a reality, not just a moniker, that HamsCare at MARCO. New projects are in the process of being developed with the assistance of Wayne K4WFP and Jay AA4FL.

Thank you to MARCO members Bernie Krasowski (KD5QHV) and wife Linda (KE5BQK) for a donation to project MediShare made at our recent annual business meeting. They, including through their sale of equipment donated by friend Dr. John York KE5V (\$1000 proceeds), have been very generous this fiscal year.

[Click here to donate online](#) or mail written checks made out to MARCO, noting MediShare in the check's "for" area. Send your donation to MARCO c/o Secretary Jay Garlitz, PO Box 1333, Hawthorne, FL 32640



Thank you , Stay Well & God Bless,

Arnold

Arnold (Doc) Kalan, M.D., WB6OJB, MARCO #673

INDEXA, Humanitarian Aid Fund, "The Zorro Miyazawa, JH1AJT, Hams with Hearts Fund"

Before his death in March of 2022, well know DX'er Mr. Zorro Miyazawa, JH1AJT, established and endowed the INDEXA Humanitarian Aid Fund which specifically supports humanitarian aid projects carried out by DXpeditions. His generosity enabled INDEXA to begin funding grants in January of 2016. The tag for this fund is "Hams with Hearts," reflecting Zorro's character and values. INDEXA is proud and grateful to be able to sustain Zorro's legacy through this fund.

International DX Association, Inc.
INDEXA, a non-profit organization for the enhancement of amateur radio, worldwide peace, and friendship

International DX Association, Inc.
INDEXA

The INDEXA Humanitarian Aid Fund
"The Zorro Miyazawa, JH1AJT, Hams with Hearts Fund"

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To qualify for humanitarian grants, DXpeditions must present a clear plan for a humanitarian project to INDEXA and their DXpedition. The project must provide direct physical benefit to the local population and go beyond giving basic man equipment, making a visit or giving a class in amateur radio. Examples of acceptable projects include, but are not limited to, providing school supplies, clothing, medical supplies, first aid equipment, water purification supplies, etc. INDEXA has a humanitarian grant application form that can be found on the INDEXA website under "Grants" on Club Log's Current Most Wanted List using "No Mode Filter" set to "DXpedition" and Global Log. In every case, the INDEXA board will review the plans and make a decision as to whether or not to fund the project.

In the early years of this fund, it is likely that grants will be modest. We therefore will be seeking low cost but high impact projects. As this fund grows it may be possible to encourage DXpeditions to conduct humanitarian project by supporting both the DXpedition itself and the humanitarian project it carries out.

We are grateful to have had the opportunity to work with Zorro, experience his compassion, and witness the humanitarian projects he carried out on a personal level. Through Zorro's generosity, the Humanitarian Aid Fund will continue to benefit humanity and enhance the image of amateur radio.

[Video about the fund](#) [Link to fund webpage](#)

Per the minutes on page five of the MARCO annual business meeting, MediShare was discussed in the context of allowing **INDEXA to enter in discussion with the MediShare committee** for developing joint projects that satisfy their humanitarian fund's goals and meets our objectives.

Bruce Small KM2L reminded us that joint efforts for MediShare projects are part of our history, and have been effective. See the [June 1997 twenty-five year-old edition of our newsletter](#) for more about this heritage of collaboration. A motion was made to approve the motion by Chuck Lind N8CL, and was seconded , followed by unanimous approval.

MediShare chair Arnold Kalan WB6OJB, committee members Jay Garlitz AA4FL, and Wayne Poole K4WFP, will initiate discussion with INDEXA's Ralph Fedor K0IR (also a MARCO member) to develop criteria for selecting and funding joint projects.

The Secretary's Keyboard Korner
secretary@marco-ltd.org



I have been a Ham radio operator for 50 years. MARCO, working with students as a college club FCC trustee (UF), with their cubesat projects, and operating 6m DX using FT8 are keeping amateur radio interesting for me.

During a recent phone conversation with Warren KD4GUA about ether and nitrous oxide sedation, I was able to tell him a story with glee. In 1981 we moved UF's club station W4DFU to the dental school building (www.gatorradio.org), the current location. On Saturday mornings at the OMFS clinic at the first floor they occasionally gave certification courses to dental assistants on administering nitrous oxide. I volunteered our entire college student antenna climbing party to be the patients in the training, which of course included learning how patients respond at high levels of sedation. With no sexism intended, we all had a great time as all the registrants were young women who were practicing sedating us with N₂O. After a post-session pause we started working on the [towers and antennas on the 12th floor](#) (roof) of the building. Good thing the effect wears off quickly. Enjoy the ways to connect our hobby to our profession...hope yours are safer than mine...

For those who were not able to attend please view the [video recording of the May 20th annual meeting](#) that was held in Fairborn OH. Many members did not feel comfortable attending HamVention this year and time will tell if COVID-19 was a significant issue for the attendees in Xenia. Some initial reports suggest there was some level of infection, what one might expect with 30,000 plus attendees and associated smaller gatherings. Our booth was near an open entry to a building with ample breeze but we still wore masks at times. We meet there on even years so hopefully the issue will pass being a factor toward attendance.

Consider checking or listening to recordings of the MARCO DV net. It is held on the QuadNet array, a transcoding modality that allow hams who use radios from different manufacturers, and varying digital protocols, to communicate with each other. To pique your interest check out recordings of the net on [YouTube](#) (by Hilton PY2BBQ) and on Chip's (N5RFT) overall [MARCO net recordings](#). You can also listen to the net live on the same venues, Saturdays @ 15:00 UTC.

Condolences to Chip N5RFT and Terry Keister on the loss of Scooter, a canine favorite in the French Quarter NOLA. Their dachshund was loved by all, including Randi and I. May his milk bowl at the neighborhood bar be retired for this cherished member of the family.

To provide feedback on this issue of the Aether contact the editors of both the print and online editions at aether@marco-ltd.org.

73, **Jay Garlitz, AA4FL**

MARCO Member Communication

There are many ways that MARCO's BOD and members keep in touch and stay informed:

- Our Website, www.marco-ltd.org
- Our on-the-air nets as listed within this edition of the *Aether*.
- [Through printed and electronic versions of the Aether Newsletter](#)
- Radio QSO's
- [Our Google Group Listserv](#)
- Through emails
- [Facebook Posts](#)
- [Twitter](#)
- [Mailchimp](#) email campaigns
- Using distribution email addresses in the format @marco-ltd.org as seen within this edition (i.e. secretary)
- Zoom sessions of the board of directors that are open to members
- Annual live business Meetings with social events
- Hamfest presence
- Committee projects

Do not miss out - make sure to contact the secretary with changes of mailing and email address. To join our google group or update addresses send an email to secretary@marco-ltd.org

Online editions of the Aether can be printed by the reader for use at home but linked information available through clicks within the online document will not be available. Note in using the online edition you have control of the size of the text and images, being able to zoom in for more comfortable and informative reading.

The next edition of the *Aether* in August 2022 will be in print and produced by long-term editor Warren Brown. My next online edition will be in October 2022.

MARCO Membership News

March 2022—June 2022

New Members

K4IAZ—Franklin Diaz, Atlanta, GA (5 year)
 KD2ODE—John Peterson, Westampton, NJ (5 year)
 KN4LGE—Christopher Bell, Crossville, TN
 KY4MD—Brian Barhorst, Grayson, KY (5 year) (former member)
 N8NDL—Jack Nilsson, Strongville, OH

Renewals

AE4TM—Edwin Jones, Knoxville, TN (2 year)
 K4WFP—Wayne Poole, Ocklawaha, FL (2 year)
 N0ARN—Carl Rowland, Pueblo West, CO (5 year)
 N4JEL—Michael Dodson, Tallahassee, FL (5 year)
 W4BUD—Samuel Vance, Roanoke, VA (2 year)
 WA3IHV—Robert Reichman, Escondido, CA
 WB0DDX—Mark Wendt, Chanute, KS (2 year)

Silent Key

W8CRK - Dr. Roger M. Higley



Roger was a long time and active member. At the time of becoming a silent key on March 20, 2021, he served MARCO as the 8th call district director. He was an Oral and Maxillofacial Surgeon, a longtime member of the Cincinnati Dental Society and the Greater Cincinnati Amateur Radio Association. He was active in charitable work, engaging MediShare in funding toward a treatment project recently in Central America.

Membership Statistics

Marco currently has 239 members

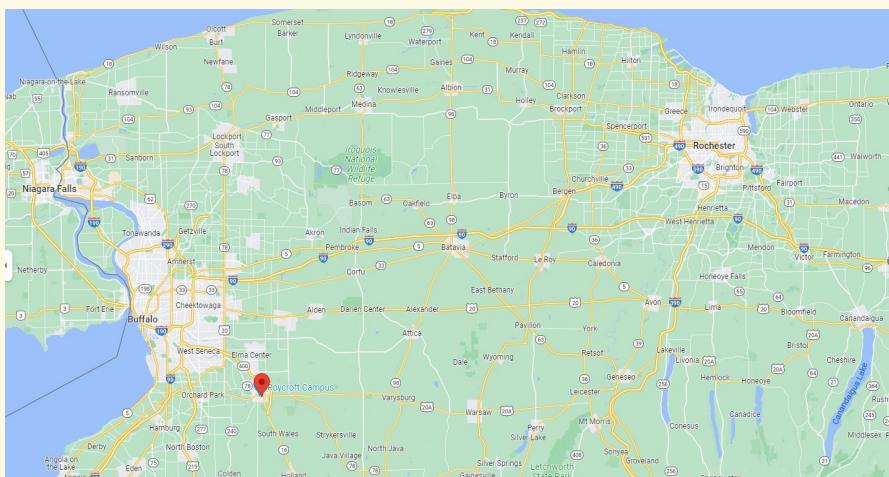
- 16 are from U.S. call district 1
- 26 are from U.S. call district 2
- 26 are from U.S. call district 3
- 42 are from U.S. call district 4
- 16 are from U.S. call district 5
- 17 are from U.S. call district 6
- 13 are from U.S. call district 7
- 30 are from U.S. call district 8
- 24 are from U.S. call district 9
- 18 are from U.S. call district 0
- 1 is from Australia
- 1 is from Belgium
- 1 is from Brazil
- 4 are from Canada
- 1 is from India
- 2 are from Japan
- 1 is from N. Ireland

Did you know?

- MARCO has membership terms of 1, 2 or 5 years.
- Many members have decided to renew to join at multi-rates.
- 41% are two year members.
- 16% of members have five year terms!
- [You can extend your membership term at your convenience by clicking here.](#)

Can a radio meeting have a romantic component for married couples? Yes, if you belong to MARCO! Save the date, September 21-25 2022, Niagara on the Lake (CA), Niagara Falls, N.Y. Fingerlakes Wine Trails.

[Click on the map below for a full user controllable view](#)



Our base destination will be a hotel in (TBD) East Aurora NY. This spouse friendly adventure will be centered on social events but also have an optional part-time contesting option for members who want to operate on a single transmitter multi-op contest team for the CQWW RTTY using the MARCO club callsign as WB5D/2, at a great QTH, the contest station of David (KN2M) and Diane (NM2K) Rodman. Those who participate in the contest will still be focused on the family vacation trip, with off-the air time available for visiting the attraction with their spouse on individual romantic get-aways or with the group for planned excursions.

Payment Options for Renewing your Membership or Joining MARCO

New Membership dues and renewals are processed by email. At the time of annual billing invoices are invoiced to each member. The default billing term is unified for all types of members, two years for \$45. New members apply by online form.

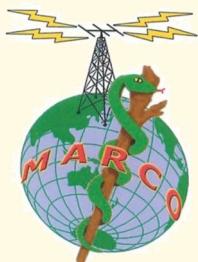
MARCO encourages members to consider a five year membership of \$100. This reduces your yearly cost of membership and simplifies our annual billing by our all volunteer staff. Existing members can chose to extend your membership at any time. Please use the online form at <https://marco-ltd.org/join-marco-amateur-radio/> and select the five year term from the pull down list. Completing the entire form just as you were a new member assists us with keeping your information current in our membership database.

For New members, and current members desiring to extend their membership term, the membership committee will receive your online application and process an invoice to be sent by email.

Online payment processing for dues has been limited to PayPal in the past. Due to processing fees higher than that of credit cards, as of February 2022, new invoices will include an additional option to pay online by credit card using [stripe](#). Buttons for paying online using credit card (stripe) or PayPal will located at the top left of the invoice you will receive by email.

Thank you for your Membership!

Medical Amateur
Radio Council



The Medical Amateur
Radio Council Ltd.

This is the 135th edition of The Aether (2000-2022) since Warren KD4GUA became editor, and the seventh online only edition by co-editor Jay AA4FL. In print (mailed) and online editions alternate every two months.

**MEDICAL AMATEUR RADIO COUNCIL, LTD.
New Membership Application & Renewals**

Best method process application online
<https://marco-ltd.org/join-marco-amateur-radio/>

Once you fill out the online form it will be reviewed by the membership committee. Upon approval you will be invoiced by email with a link to pay online by credit card or PayPal.

If you need to pay by check use this application form. Send the written form to the mailing address below.

Check your preference:

- One year membership \$25 (USD)
- Two year membership \$45 (USD)
(the default billing for renewal)
- 5 year membership \$100 (USD)

Name:

Address:

Health Related Career (if appropriate)

Call Sign: _____ Type License: _____

Phone: _____

email: _____

Birthday _____ (year, full DOB optional) Member ARRL: Y / N

Written applications for membership should be sent to

Membership Committee
c/o Secretary Jay Garlitz, AA4FL
PO Box 1333
Hawthorne, FL 32640, USA