



THE COMMUNICATOR

Newsletter of the TAMAMI AMATEUR RADIO CLUB

Incorporated 30 November 1984 – Venice, Florida
Mailing Address: P. O. Box 976, Nokomis, FL 34274
W4AC Repeaters – 444.100 MHz(DMR) & 146.805 MHz(-) both w/100 Hz PL
Web Site – <http://tamiamiarc.org>



-- SEPTEMBER 2016 --

-- PRESIDENT'S MESSAGE --

When I drove up north to New Hampshire by myself I knew I had 24 hours or so of driving and I needed to do something to use that time productively. So I bought a CD audio course from the Learning Company called "Thinking about Capitalism" by Professor Jerry Z. Muller from the Catholic University of America.

We are fortunate to be living in a time where we can learn any subject we want in some cases for free on the internet. For instance if we want to upgrade our amateur radio license we can go to Ham Test On Line and take a course at a very little cost to prepare for the Technician, General or Amateur Extra Exams. You Tube offers a wealth of information on electronics, analog and digital radios and programming, antennas etc. There are many websites where courses are available for free. Coursera.org, edX.org, and canvas.net. are several that are available.

So go ahead and take a course during the slow days of summer.

We are in the middle of the summer season and as we have mentioned before, things slow down quite a bit including attendees at our monthly meeting. We hope to continue to provide a stimulating Technical/General Interest Program during the summer months following the normal business meeting. I will be back for the October meeting.

VY 73 to All de Andy-KB1HIP

-- SEPTEMBER MEETING --

Our meeting will start at **7:00 PM** on Wednesday, **14 September 2016** at the Coast Guard Auxiliary Training Center, 1200 South Harbor Drive. Jim Shortill-KJ4NDO will offer some "Tips and Tricks" and Hans Napfel-WB2ZZB will present a program as time permits.

-- IT'S CALLED TEAMWORK --



Borrowed from the Bouvet Island-3Y0Z web page, this photo emphasizes teamwork. Nothing is more important on a major DXpedition than cooperative teamwork by all the members. The same applies to any organization, for none can succeed if they become centered upon one individual or a small clique of individuals.

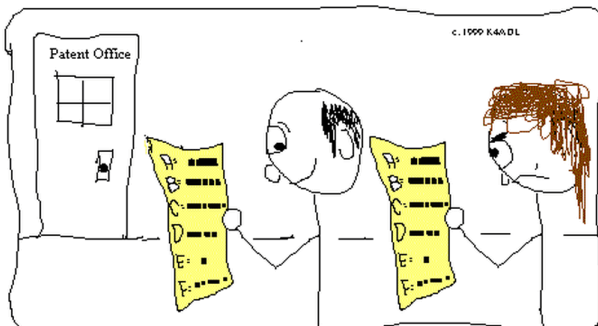
-- NEW HAMVENTION VENUE --

DX Engineering's Tim Duffy-K3LR interviewed Michael Kalter-W8CI, Treasurer of the Dayton Amateur Radio Association (DARA) during an 11 August 2016 visit to the Greene County Fairgrounds and Event Center in Xenia, Ohio - The new venue for the 2017 Dayton Hamvention®. DARA members are working hard to assure that this new venue will satisfy everyone.

<http://forums.grz.com/index.php?threads/dx-engineering-visits-the-new-2017-hamvention%C2%AE-venue.534556/> video is quite informative.

(From "DX Engineering visits the NEW 2017 Hamvention® venue" by K8KSU, QRZ.com, 18 August 2016).

The K4ADL K^{ar}t^ooⁿ K^orⁿer



LUCKILY FOR US, SAMUEL MORSE ARRIVES AT THE PATENT OFFICE JUST SECONDS BEFORE IGOR CZNXOVIZKYNOVIA

**Tamiami Amateur Radio Club
Minutes of the Meeting
10 August 2016**

Vice- President Gary Hagens-K6OC called the meeting to order at 7:02 PM with a flag pledge. Introductions were then made all around.

MINUTES – Gary requested a motion to accept the minutes of the 13 July meeting as published in the August issue of *The Communicator*. Tom McDermitt-W3GXV so moved, seconded by Don Jansen-KI4VGE, and passed.

CORRESPONDENCE – Gary read the Thank You letter received from the Special Athlete Boosters for the \$180 donation with respect to the Club's activity at the Venice Sharks Tooth Festival.

TREASURER'S REPORT – Treasurer San Yoder-K3SY reported that the starting balance was \$5,511.07. Receipts were \$11.00 from the July 50/50. Expenses were \$313.00 to Mercer Consumer for insurance coverage of the equipment at the TARC repeater site. Tom McDermitt-W3GXV moved for acceptance of the report, seconded by Don Jansen-KI4VGE, and passed.

COMMITTEE REPORTS

SUNSHINE – Gary stated that Ed Clark-K8ZM is in cardiac rehabilitation, and San commented that Bob Faulcon-N1LVO was again out and about after having stents installed.

VE TESTING – Jack Sproat-W4JS reported that he's had no inquiries to date for the upcoming 13 August VE session, but there's always potential for walk-ins.

REPEATER/TECHNICAL – Both the 146.805 and 444.100 machines are operating satisfactorily in their respective modes.

PUBLICITY/MEMBERSHIP – San reported no changes in membership during the past month.

NET OPERATIONS – Gary commented that both the Tuesday and Thursday nets are attracting only about four stations.

LIAISON TO QCWA – Jack reported there were 11 Suncoast Chapter 53 members and spouses at the 03 August lunch at the Hibachi Grill Buffet in the Bird Bay Plaza. Any and all are welcome to join us the first Wednesday of each month around 11 AM.

OLD BUSINESS – Gary advised that the next DARN net will be on 12 September and invited anyone interested to check in.

NEW BUSINESS – Jack asked if anyone present was interested in a discount card for new members of the NRA, but there were no takers.

Gary reported that Guenther Hennig-AJ4QX has volunteered to serve as a director in place of Glenn Hyde-N4MXQ, who has resigned. A vote to confirm Guenther, or any other candidate who may surface, will be held at the 14 September meeting.

COMMENTS FROM THE FLOOR – Jim Dirksen-W8MDM offered some comments about the Dayton Hamvention relocating to Greene County, Ohio for the 2017 event.

ADJOURNMENT – A motion to adjourn was made by Hans Napfel-WB2ZZB at 7:32, seconded by Gary Hagens-K6OC, and passed. There were only eight members present.

PROGRAM – Hans Napfel-WB2ZZB had prepared a video presentation on Electro Magnetic Radiation which proved to be both entertaining and very informative.

Jack Sproat-W4JS
Acting Secretary

-- ISLA DE AVES-YXOV --



On 10 August, the Venezuelan Navy invited "a restricted number of operators" to activate Isla de Aves (Bird Island). Aves Island was last activated on 13 February 2007, and it ranks #17 Most Wanted in the ClubLog data base. A 14-operator team, equipment and shelters were quickly assembled and they will sail from the port of La Guaira just outside Caracas on 27 August.

(From <http://www.dx-world.net/>, 18 August '16)

-- A REMINDER --

On page 4 of the July issue of *The Communicator*, your editor advised that the December 2016 issue will be his final contribution to the TARC. This is just a reminder that, if you want to have a newsletter after the end of this year, it would be wise to get someone in line to take over preparation of a newsletter for the club. Whether or not they wish to follow the current format or strike out in a new direction matters naught to me. However, it's best that some thought be given to this matter. 73, Jack-W4JS

MAJOR CURRENT/UPCOMING DX ACTIVITY & PROPAGATION HIGHLIGHTS

CURRENT and/or SCHEDULED DX ACTIVITY										
COUNTRY – CALL SIGN	ACTIVITY PERIOD	BEAR-ING	HF BANDS and BEST OPENING TIMES (UTC)							
			80	40	30	20	17	15	12	10
St Paul Is – CY9C, 12-op team, incl 6m	Now to 29 Aug	35	23-11	10-05	13-02	17-21	NO	NO	NO	NO
Vanuatu – YJ??? by KC0W	20 Aug – 21 Sep	262	06-12	04-14	04-14	02-05	00-02	23-03	21-22	NO
Corsica – TK/MW1LCR, ++, maybe RTTY	21 Aug – 04 Sep	50	23-06	21-06	20-00	17-20	16-21	NO	NO	NO
Ogasawara – JD1YBV, team op, (incl 6m)	23 to 28 August	317	--	10-12	11-13	11-15	02-03	NO	NO	NO
Pitcairn Is – VP6J, 2-op team, all modes	25 Aug – 03 Sep	226	02-12	01-12	00-06	16-02	19-21	16-00	1900	NO
Albania – ZA/IZ7GXB, all bands incl 6m	26 to 30 August	48	00-05	22-06	21-23	17-21	17-19	17-18	NO	NO
Macau – XX9TYT by IK7YTT	29 Aug – 05 Sep	341		NO	OPEN	INGS	FORE	CAST		
Mongolia – JT1DBS by OK1DBS	30 Aug – 24 Sep	354		NO	OPEN	INGS	FORE	CAST		
East Kiribati – T32AZ by KH6QJ, ++	01 to 15 Sept	267	04-12	02-14	--	17-01	--	17-02	--	NO
Aves Is – YX0V by 14-op team, incl 6m	01 to 10 Sept	119	22-11	11-05	12-01	16-22	17-22	NO	NO	NO
Pitcairn Is – VP6AH by DL2AH, ++, digital	03 Sep – 26 Nov	226	--	01-12	00-04	15-01	18-22	18-22	19-22	NO
New Caledonia – FK/F8FUA, ++, RTTY	05 to 12 Sept	258	06-12	05-13	05-13	02-04	02-04	01-03	0100	NO
South Cook Is – E51Q, 2-op team, all modes	08 to 19 Sept	246	04-12	02-14	02-14	23-03	18-22	18-22	19-22	NO
Samoa – 5W0BOB by VK2BOB, ++, holiday	10 to 17 Sept	257	--	03-14	03-14	00-02	18-23	19-21	19-22	NO
St Pierre & Miquelon – TO5FP by 4-op team	10 to 20 Sept	39	22-11	10-04	12-01	16-21	14-23	NO	NO	NO
St Kitts & Nevis – V47JA by W5JON inc 6m	12 to 29 Sept	114	22-12	11-03	13-00	16-21	17-22	NO	NO	NO
Faroe Is – OY/home calls by 7-op team + 6m	15 to 21 Sept	32	23-08	21-11	12-21	14-18	14-20	NO	NO	NO
Comoros – D66D by 3-op team	18 to 30 Sept	84	23-03	22-04	NO	2101	2330	NO	NO	NO
Samoa – 5W0JHQ by JA0JHQ **	20 to 27 Sept	257	05-12	03-14	02-14	--	--	--	--	--
Niue – E6??? by 2-op team, all modes	20 to 29 Sept	252	05-12	03-14	02-14	23-01	18-23	19-21	19-22	NO
Isle of Man – MD/home calls, 6 German ops	23 Sep – 04 Oct	41	23-08	21-09	19-22	15-18	14-20	1630	NO	NO
Seychelles – S79KB by DL2SBY, all modes	24 Sep – 08 Oct	68	--	23-03	23-02	21-22	21-23	2300	NO	NO
Kenya – 5Z4/IW5BBV	24 Sep – 10 Oct	76	--	22-04	--	20-23	20-01	21-00	--	--
Solomon Is – H44GC by 2-op team, all mode	24 Sep – 03 Oct	275	07-12	06-13	05-14	13-16	14-15	1500	NO	NO
West Kiribati – T30COW by KC0W	24 Sep – 24 Oct	277	06-12	05-13	04-14	13-15	23-01	19-23	NO	NO
Norfolk Is – VK9NZ by 4-op team, all modes	25 Sep – 15 Oct	250	06-12	05-13	04-14	02-15	00-03	23-02	21-00	NO
Sao Tome & Principe – S9BT & S9WL, ++	26 Sep – 01 Oct	90	--	21-07	20-01	17-23	16-21	16-21	NO	NO
Tuvalu – T2R by 2-op team, all modes	27 Sep – 04 Oct	267	05-12	04-13	03-14	00-01	19-22	19-21	19-22	NO
Tonga – A35JR/p by JA0RQV	28 Sep – 04 Oct	253	05-12	04-14	03-14	00-02	18-00	19-21	19-21	20-21

Updated 18 August 2016 based on the 15 August 2016 *The Weekly DX*, the 10 August *QRZ DX* and, <http://www.ng3k.com>

Notes: Time in bold = the Bands with 75-100% opening; ??? = Call Sign not yet known; ++ = Mostly SSB; ** = Mostly CW; NO = No Opening forecast. Long Path bearings and opening times are underlined. All forecasts calculated using W6ELProp propagation software. Solar Flux and K-index varied by date in accordance with the NOAA SWPC 27-day Space Weather Outlook Table and USAF 45 Day AP Forecast.

-- AUGUST SOLAR ACTIVITY --

Through to 20 August, the 10.7 cm Solar Flux ranged from 72 to 96, with a mean value of 85.2 (vs. 106.5 for August 2015 and 124.7 for August 2014), and the A_p index was ≥ 7 on 15 days. Through 19 August, the sunspot number ranged from 0 to 86, with a mean of 52.4.

Space weather through to 19 August was relatively quiet with one M-class and 20 C-class flares. Geomagnetic disturbances peaked the A_p to 39 on the 2nd and 48 on the 3rd of August.

-- SEPTEMBER FORECAST --

Solar activity is expected to be very low with a chance for C-class activity during September.

No proton events are expected at geosynchronous orbit.

The greater than 2 MeV electron flux at geosynchronous orbit is expected to be at high levels 01-10 September. Normal to moderate levels are expected for the remainder of the month.

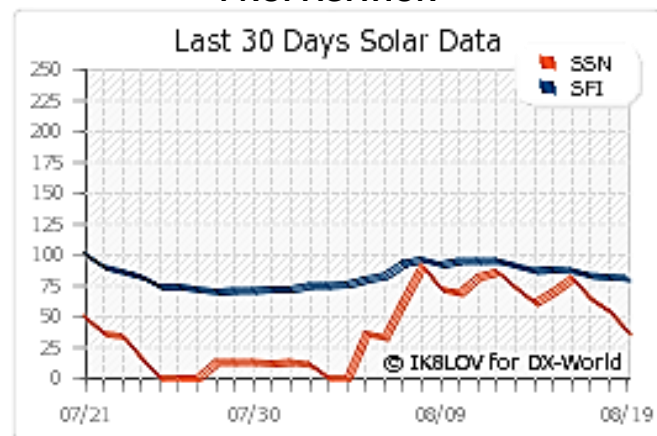
Geomagnetic field activity is expected to be at unsettled to active levels 01-08, 11-13, 20-21 and 25-30 September, all due to recurrent CH

HSS activity. Mostly quiet conditions are expected for the remainder of the month.

The 10.7 cm Solar Flux should range from 75 to 90 and average 84.8 during September.

(From NOAA Weekly Highlights and Forecasts, 15 August 2016, NOAA 27-day Space Weather Outlook Table, 15 August 2016, and 45 Day AP Forecast, USAF, 16 August 2016.)

-- PROPAGATION --



-- THE WWROF --

The **World Wide Radio Operators Foundation** was created in 2009 by a group of radio operators who saw a need for an independent organization devoted to the skill and art of radio operating.

The Directors and Officers of the **World Wide Radio Operators Foundation** are all well-known and highly-respected radio operators. In addition, each brings a specific skill set and proven track record in his professional career to the management of the organization.



We believe that amateur radio contests provide a means of testing operating skill and that worldwide contest sponsors can benefit from the support we can provide.

A FOCUS ON OPERATING

Amateur radio is a very diverse hobby. Some amateurs enjoy designing and building their own equipment. Some enjoy the thrill of chasing DX. Some simply enjoy casual conversation with other amateurs in far-off locations. Still others use their skills to provide communications in emergency situations where other forms of communication are not available.

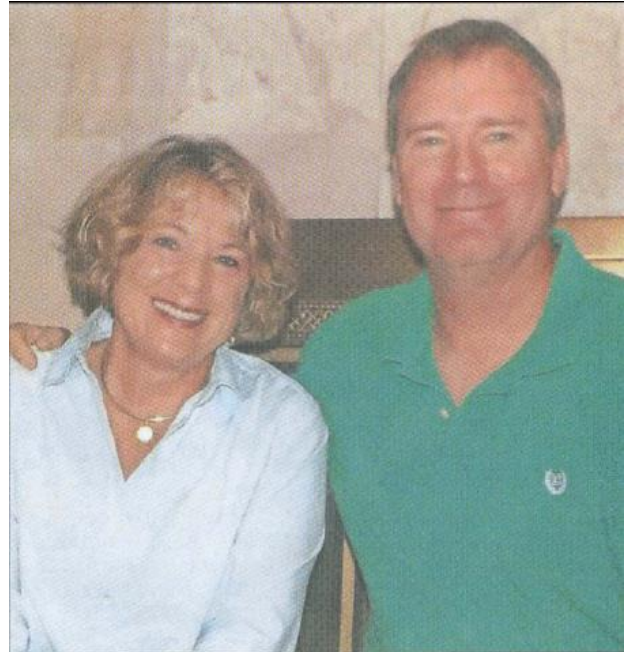
National organizations such as ARRL serve the whole spectrum of pursuits in the hobby. Some clubs and organizations, such as the Northern California DX Foundation, YASME Foundation, and mode-specific groups such as FOC and CWOps, are devoted to specific segments of the hobby. However, no organization exists that is focused on radio operating across all bands and modes.

Until now, many of the elements of modern radio contest operating such as log-checking software, log-submission robots, etc., have been developed and supported by volunteers. Many of the enhancements envisioned for the future will involve considerable expense, and no organization exists to support them.

The **World Wide Radio Operators Foundation** was created to fill that need.

(From <http://wwrof.org/>)

-- MEET JON COLE --



Nita Edmonson-Cole and Jonathan Cole

Those members who utilize the W4AC repeaters know that the repeater site is owned by Jonathan Cole, however, only a few members have ever met Jon in person. Considering the fact that Jon graciously permitted the TARC to utilize the site at no cost to the club, it seems appropriate that all our members learn a bit more about this benefactor.

Jon is the president of Giffels-Webster Engineers, a noted consulting engineering firm located at 900 Pine Street in Englewood. GWE has operated a successful business in Southwest Florida for 27 years in structural and civil engineering, planning and development.

In 2004, Jon served as president of the Englewood Chamber of Commerce. Interestingly, his wife, Nita, served as the Chamber president in 1996.

The Englewood Chamber is celebrating its 75th Anniversary during 2016, with the proclamation of "Leaders making a difference through the years by Serving, Supporting, finding Solutions and enjoying Success in our growing community."

There is no question but that Jon Cole meets those parameters, and especially in view of how he has been most supportive of the TARC. Thank you, Jon, from all of us.

September 2016

Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1 TARC Net @ 7:30 PM, W4AC Repeater 146.805	2 Breakfast @ Peach's, Orders taken at 7:00 AM	3
4	5	6 Breakfast @ Peach's, Exclusive DMR Net 7:30 PM, W4AC 444.100	7 QCWA, 11:15 @ Hibachi Grill Buffet, Bird Bay Plaza, US 41 Bypass, Venice	8 TARC Net @ 7:30 PM, W4AC Repeater 146.805	9 Breakfast @ Peach's, Orders taken at 7:00 AM	10 TARC VE Session 10 AM Jacaranda Public Library
11	12 DARN Emer- gency Net @ 11 AM Starts on NI4CE Rptr 145.430	13 Breakfast @ Peach's, Exclusive DMR Net 7:30 PM, W4AC 444.100	14 TARC Meet- ing @ 7 PM, Coast Guard Training Center	15 TARC Net @ 7:30 PM, W4AC Repeater 146.805	16 Breakfast @ Peach's, Orders taken at 7:00 AM	17
18	19	20 Breakfast @ Peach's, Exclusive DMR Net 7:30 PM, W4AC 444.100	21	22 TARC Net @ 7:30 PM, W4AC Repeater 146.805	23 Breakfast @ Peach's, Orders taken at 7:00 AM	24
25	26	27 Breakfast @ Peach's, Exclusive DMR Net 7:30 PM, W4AC 444.100	28	29 TARC Net @ 7:30 PM, W4AC Repeater 146.805	30	

NOTE: If the W4AC 146.805 Repeater is inoperative, nets scheduled for activity will be held on 146.580 MHz simplex. Thanks for your cooperation.

**TAMIAMI AMATEUR RADIO CLUB, INC.
MEMBERSHIP APPLICATION**

Name _____ Call Sign _____ Class ____ ARRL (Y/N)____

Local Address _____ City _____ Zip _____

Summer Address _____ City/State _____ Zip _____

Tel. No. _____ E-Mail _____ Application Date _____

Please check Letters of Interests: (N) Net Control__, (I) RFI/TVI__, (V) VE Testing__, (T) Training__, (P) Packet__, (Y) RTTY__, (D) PSK, etc.__, (O) Computers__, (X) DX__, (C) Contests__, (F) Field Day__, (Q) Publicity__, (E) Emergency Communications__, (S) Special Events__, (U) VHF/UHF__, (A) ATV/SSTV, (R) Repeater__, (L) EchoLink__, Other (specify) _____

Regular Member @ \$25.00/year __, Family Membership @ \$30.00/year__, Non-Voting Student Membership @ \$5.00/year__ . (New Regular Members joining after 30 June pay \$15.00 for remainder of calendar year. \$25.00 dues payment after 31 October grants membership through remainder of year and all of the following year.)

MAIL TO: TARC, P. O. Box 976, Nokomis, FL 34274

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The Communicator is a monthly publication
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