



# THE COMMUNICATOR

Newsletter of the TAMAMI AMATEUR RADIO CLUB

Incorporated 30 November 1984 – Venice, Florida  
Mailing Address: 1419 E. Manasota Beach Rd., Englewood, FL 34223-6341  
W4AC Repeater – 444.100 MHz & 146.805 MHz(-) w/100 Hz PL  
Web Site – <http://tamiamiarc.org>



-- SEPTEMBER 2011 --

## -- PRESIDENT'S MESSAGE --

"Irene" was a point of discussion at our Friday breakfast as that storm was out in the Atlantic and moving toward the Carolinas. While there's a niche for Amateur Radio communications support after such storms, what can one do personally should a big storm head our way?

Consider this: The current design standards for Sarasota County are for a Fastest Mile wind speed of 110 mph and a three-second wind gust velocity of 130 mph. The vast majority of homes in this area were built prior to these 2008 design standards, so does that mean they are not safe?

Let's look at the respective categories and recent storms in each category.

- Cat. 1 74 – 95 mph (Dolly 2008)
- Cat. 2 96 – 110 mph (Frances 2004)
- Cat. 3 111 – 130 mph (Ivan 2004)
- Cat. 4 131 – 155 mph (Charlie 2004)
- Cat. 5 >155 mph (Andrew 1992)

Devastating damage can occur from a Category 3 storm, i.e. the County's design standard. Loss of roofs, especially gable roofs, and breakage of windows by flying debris are quite likely. Mobile homes will be destroyed or badly damaged. Power and water may be off for several days. Not a pretty picture.

How about ham radio towers and antennas? Only sheer luck will save them, especially as most design and installation standards are only for 90 mpg wind loads. As such, it is likely that any emergency or support communications via ham radio will have to be done in a "field day" environment with jury-rigged antennas, generators and equipment, and by hams who come into the area to lend organized assistance.

Personally, I'll "head for the hills" until it's all over and that's my recommendation for all of you.

73 to All de Stew Haag-W4MO

*In keeping Americans ill-educated, ill-informed and constitutionally ignorant, the education establishment has been the politician's major and most faithful partner. – Walter Williams*

## -- SEPTEMBER MEETING --

Our meeting will start at **7:00 PM** on Wednesday, **14 September 2011** at the Coast Guard Auxiliary Training Center, 1200 South Harbor Drive, just west of the Venice Airport. Following the business meeting, Hans Napfel-WB2ZZB will present a program, "Greatest Inventors." Sounds like that just might be quite interesting, so come on out and "Enjoy."

## -- LIGHTNING PROTECTION --

As we are now experiencing almost daily rainfall, often accompanied by lightning, it behooves all of us to try and protect our homes and our radios from potential lightning damage. When you know that lightning has travelled 10 miles across a cloudless sky to strike a fellow on a bicycle, you begin to appreciate the unpredictable and lethal potential of lightning. You don't need to have a tall tower for your antenna or your home to be a possible target.

Ever since Benjamin Franklin invented the lightning rod, such rods have been installed on a variety of structures, and even in the heritage trees at George Washington's Mount Vernon. You never saw a wooden barn that didn't have two or three lightning rods atop its roof. Of course, it is mandatory that any lightning rod—or antenna tower--have a good ground system that can rapidly dissipate the lightning surge into the earth.

In recent years, products have come into the market, claiming to offer advantages over the conventional lightning rod. These consist of a cylindrical or ball shaped wire brush. These "electrostatic dissipation devices" claim that the multitude of sharp points on the device dissipate ions such that ground charges that usually develop streamers cannot build up sufficiently to attract a lightning strike. As such, these devices are claimed to prevent lightning from striking a structure where they are used. An argument against that position is that the wet leaves on trees offer more "dissipation points" than any wire brush, yet trees get struck by lightning.

See **Lightning**, pg. 4

**TAMIAMI AMATEUR RADIO CLUB**  
**Minutes of the Meeting**  
**10 August 2011**

President Stew Haag-W4MO called the meeting to order at 7:11 PM and, following a flag salute, introductions were made all around. John Harrison of Venice and Kyle Howsell of Queens, NY were welcomed as visitors.

**MINUTES** – A motion to accept the minutes of the 13 July 2011 meeting as published in the August 2011 issue of *The Communicator* was made by Jack Gaddas-KY1Z, seconded by Bob Sullenberger-K1RCS, and passed.

**CORRESPONDENCE** – Secretary Jack Sproat-W4JS reported that he had mailed a letter to *WorldRadio Online*, requesting posting of our VE sessions in future issues.

**TREASURER'S REPORT** – In the absence of Treasurer Don Jansen-KI4VGE, Jack-W4JS read the July Treasurer's Report previously prepared by Don. The starting balance was \$3139.01. Receipts were \$16.00 from the July 50/50, and \$15 from membership dues, totaling \$31.00. Expenses were two payments of \$14.96 and \$14.91 for two months of Internet service, \$211.76 for insurance on the equipment at the repeater site, and \$5.00 for the Attendance Drawing, totaling \$246.63. The ending balance is \$2923.381. Peter Pesa-N4RD moved for acceptance of the report, seconded by Diane Gregory-KI4GRF, and passed.

**COMMITTEE REPORTS**

**SUNSHINE** – It was reported that Vic Ouellette-K1CGI fell ill just prior to attendance at tonight's meeting.

**VE TESTING** – Our August VE Session will be held at the Venice Public Library this Saturday, with potential of at least two candidates.

**REPEATER/TECHNICAL** – The 146 and 444 MHz repeaters are operational in both analog and digital modes, with "great reports" regarding the latter machine. The Kenwood HF transceiver is no longer in operation, however, a Flex 3000 is in service. Anyone wishing to access the Flex needs to receive a tutorial from Stew-W4MO prior to attempting access.

Stew announced that he has seven 444 MHz base stations and eight 444 MHz HTs available to members who promise to use them. Contact Stew directly in that regard.

Stew has activated a WSPR mode station using our W4AC call sign.

**CLUB PROPERTY** – The inventory of club property has not changed.

**PUBLICITY/MEMBERSHIP** – San Yoder-K3SY reported that we have a total of 68 members.

**NET OPERATIONS** – Net Manager Bob Murphy-WA1UHG was not present but it was commented that turnout for our nets remains very poor. Stew would like to switch the nets over to our 444 MHz machine.

**LIAISON TO QCWA** – Some 12 members and friends of Suncoast Chapter 53 enjoyed lunch 03 August at the Panda Pavilion. All are welcome to come on out, have lunch and enjoy our camaraderie the first Wednesday at 11:15, or so, through September at the Panda Pavilion. Regular business meetings and lunch will return to Denny's in Sarasota in October.

**OLD BUSINESS** – Nothing carried over.

**NEW BUSINESS** – Guenther Hennig-AJ4QX reported that a number of the Coast Guard Auxiliary members are interested in getting into ham radio, and asked if it would be possible for the TARC to offer training classes to assist them attain that goal. Ron Hogarth-K4AUX added that SOP for Auxiliary training is via the use of books and reading materials. Any training would be held at the Auxiliary facility. Ensuing discussion questioned as to whether Andy Durette-KB1HIP, who has an excellent track record with his Amateur Extra Class training programs, would be willing to assist in Technician training. Guenther and Ron will query fellow Auxiliary members to determine the number of potential trainees before proceeding further.

Following a request for assistance from Henry Reynolds, communications Officer for Flotilla 86, Stew-W4MO presented an IC-AT180 automatic antenna tuner to the Flotilla. Guenther-AJ4QX accepted Stew's personal gift on behalf of the Flotilla.

**COMMENTS FROM THE FLOOR** – None.

**ADJOURNMENT** – A motion to adjourn at 7:43 PM was made by Peter Pesa-N4RD, seconded by San Yoder-K3SY, and passed. There were 16 members and two visitors present.

**PROGRAM** – Hans Napfel-WB2ZZB showed a video entitled "The Ultimate Field Day" which detailed the set up and operation of a multi-station competitor in the 2004 event.

Jack Sproat-W4JS  
Secretary

**-- TARC NETS REMINDER --**

Check the Calendar on page 7 and note when our TARC nets are held. How about participating in at least one of them????????????

**CURRENT/PENDING DX ACTIVITY & PROPAGATION HIGHLIGHTS**

**CURRENT and/or SCHEDULED DX ACTIVITY**

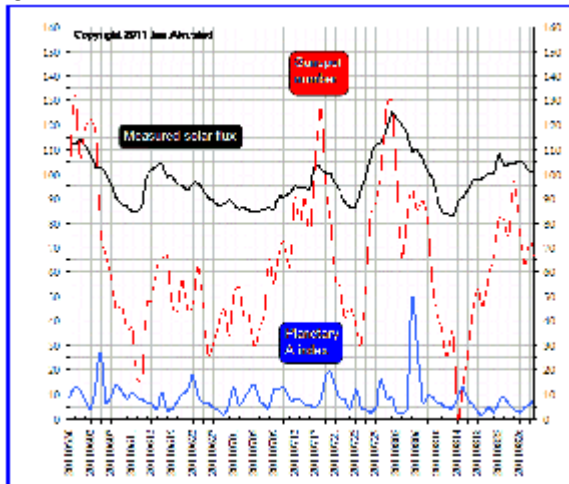
COUNTRY – CALL SIGN	ACTIVITY PERIOD	BEARING	HF BANDS and BEST OPENING TIMES (UTC)							
			80	40	30	20	17	15	12	10
Mali – TZ6TR; ++	Now Active	82	<b>23-07</b>	<b>21-09</b>	--	<b>12-02</b>	<b>13-00</b>	16-21	18-20	18-20
Papua New Guinea – P29FR; ++ by I2KRR	Now Active	283	--	<b>07-13</b>	--	<b>12-16</b>	--	21-00	--	--
Djibouti – J28FJ; ++ by KB0ZIA	Now Active	61	--	<b>22-04</b>	--	<b>18-00</b>	<b>15-22</b>	16-21	18-20	18-20
Malawi – 7Q7HB	Now to 23 Nov	90	<b>23-04</b>	<b>22-05</b>	<b>22-06</b>	<b>18-00</b>	<b>16-21</b>	<b>16-18</b>	16-18	16-18
New Zealand – ZL4RUGBY; 2011 World Cup	Now to 31 Oct	236	<b>05-12</b>	<b>04-12</b>	<b>04-13</b>	<b>00-04</b>	<b>21-02</b>	<b>21-00</b>	22-01	22-01
Uzbekistan – UM2OY	Now to 10 Sept	25	<b>00-01</b>	<b>23-02</b>	<b>00-03</b>	<b>12-19</b>	14-17	14-17	14-17	NO
Egypt – SU/HA3JB; **, Digital, some SSB	01 Sep to 30 Nov	54	<b>23-04</b>	<b>21-06</b>	<b>22-05</b>	<b>12-00</b>	<b>14-20</b>	14-19	14-19	NO
Liechtenstein – HB0/OK1XD	01 to 10 Sept	46	<b>23-06</b>	<b>21-07</b>	<b>21-02</b>	<b>12-22</b>	15-19	15-19	18-20	NO
Aland Is – OH0HG; all modes	02 to 04 Sept	31	<b>00-06</b>	<b>21-07</b>	<b>22-23</b>	<b>12-20</b>	14-18	15-20	NO	NO
Malta – 9H3JN; **, some SSB	02 to 14 Sept	55	<b>23-05</b>	<b>21-07</b>	<b>21-05</b>	<b>12-23</b>	<b>15-21</b>	16-20	16-20	NO
Morocco – CN2EI; ++ & PSK31 on 40, 6, 2	03 to 20 Sept	64	--	<b>21-09</b>	--	--	<b>13-23</b>	--	17-21	17-21
Corsica – TK/IW5ELA, TK/I5NOC	04 to 11 Sept	51	--	<b>21-07</b>	--	<b>12-22</b>	--	18-20	--	--
Gibraltar – ZB3M	05 to 11 Sept	61	--	<b>20-08</b>	--	<b>12-00</b>	--	16-22	--	--
Botswana – A25/ZS6AYU; **	09 to 11 Sept	105	<b>23-05</b>	<b>22-06</b>	<b>21-06</b>	<b>17-19</b>	<b>14-17</b>	15-17	15-17	NO
Niue – ZK2AB; holiday style	09 to 16 Sept	252	<b>05-12</b>	<b>03-13</b>	<b>03-14</b>	<b>18-04</b>	<b>18-01</b>	<b>19-00</b>	19-22	19-02
Lord Howe Is – VK9OL; ** by N6NO	10 to 18 Sept	249	<b>06-12</b>	<b>05-14</b>	<b>05-14</b>	<b>01-05</b>	<b>21-02</b>	<b>22-01</b>	<b>22-00</b>	22-02
Corsica – TK/F5RBB, TK/F4FRL; ++, digital	10 to 24 Sept	51	<b>23-06</b>	<b>21-09</b>	<b>20-07</b>	<b>12-23</b>	<b>14-20</b>	16-19	16-19	NO
Svalbard Is – JW9DFA; **, RTTY & SSB	14 to 19 Sept	13	--	<b>22-11</b>	<b>23-00</b>	<b>13-20</b>	14-21	14-21	16-18	NO
Lesotho – 7P8JK; by WB6OJB	15 to 22 Sept	110	<b>23-05</b>	<b>22-06</b>	<b>22-06</b>	<b>17-20</b>	<b>13-18</b>	<b>14-17</b>	15-17	15-17
Palau – T88TO/T88UE, JA8CMC&DL5AXX	16 to 27 Sept	307	<b>08-12</b>	<b>07-13</b>	<b>07-13</b>	<b>12-17</b>	<b>14-17</b>	<b>21-23</b>	22-23	22-23
<b>Timor Leste – 4W6A</b> – 4-station operation	16 to 26 Sept	300	<b>09-12</b>	<b>08-13</b>	<b>08-13</b>	<b>13-18</b>	<b>14-17</b>	15-17	22-23	22-23
Mariana Is – KH0/W6HGF; mostly RTTY	21 to 30 Sept	306	<b>08-12</b>	<b>07-13</b>	<b>07-13</b>	<b>12-17</b>	<b>14-16</b>	<b>21-00</b>	21-22	21-22
Morocco – 5C2J, 5C2B, 5C2P, etc.	22 to 29 Sept	64	<b>22-07</b>	<b>20-10</b>	<b>20-09</b>	<b>11-01</b>	<b>12-00</b>	<b>14-21</b>	<b>16-19</b>	17-19
St Pierre & Miquelon – FP/G3ZAY	24 to 29 Sept	39	<b>22-11</b>	<b>00-24</b>	<b>11-01</b>	<b>13-22</b>	17-19	17-19	NO	NO
Rotuma Is – 3D2R; International Team op.	27 Sep to 07 Oct	263	<b>05-12</b>	<b>04-14</b>	<b>04-13</b>	<b>12-15</b>	<b>18-01</b>	<b>18-00</b>	<b>19-23</b>	19-21
East Kiribati – T32C; Team Operation	28 Sep to 26 Oct	267	<b>04-12</b>	<b>02-14</b>	<b>02-14</b>	<b>16-02</b>	<b>17-01</b>	<b>17-23</b>	<b>18-21</b>	18-22
Vanuatu – YJ0VK; Team Operation	30 Sep to 12 Oct	262	<b>06-12</b>	<b>04-14</b>	<b>05-14</b>	<b>13-14</b>	<b>19-01</b>	<b>19-00</b>	<b>20-22</b>	21-22

Updated 30 August 2011, based on 29 August 2011 *The Weekly DX* and <http://www.ng3k.com>

**Notes:** Time in bold = Bands with 75-100% opening; ??? = Call Sign not yet known; ++ = Mostly Phone; \*\* = Mostly CW; NO = No Opening forecast. Long Path bearings and opening times are underlined. All forecasts calculated using W6ELProp V.2.60 propagation software, available to download at <http://www.qsl.net/w6elprop/>. Solar Flux and K-index varied by date in accordance with USAF 45-Day A/P Forecast.

**-- AUGUST SOLAR ACTIVITY --**

During August the Solar Flux ranged from 83 to 125, with a mean value of 101.8 (vs. 79.5 for August 2010 and 67.4 for August 2009). The A-index was  $\geq 7$  on 14 days. Through 30 August, the sunspot number ranged from 0 to 130, with a mean of 64.1. Sunspot Regions 1265 thru 1280 were active during August, with 81 C-class, seven M-Class and one X-Class flares occurring. Minor geomagnetic storms occurred 5-6 August when the Boulder A index hit 49 and 31.



(Thanks to Jan Alvestad, <http://www.solen.info/solar/>)

**-- SEPTEMBER FORECAST --**

Solar activity is forecast to be very low to low levels 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 01-03 September. Moderate to high flux levels are expected 04-09, 13-14 and 26-27 September due to coronal hole high speed streams. The Solar Flux should average 98.6 during September.

The geomagnetic field should be quiet 01-02 September. Quiet to unsettled levels are expected 03-05, 11-12, 18-19 and 24-25 September due to CH HSS.

(From NOAA Weekly Highlights and Forecasts, 30 August 2011, NOAA 27-day Space Weather Outlook Table, 30 August 2011, and 45 Day AP Forecast, USAF, August 2011)

**-- TIMOR LESTE DXPEDITION --**

There hasn't been much activity from Timor Leste (East Timor) for some time, so this 10-day operation by an experienced international team should be most welcome amongst "the deserving." Propagation should be good, so look for them and try to get into their log.

## MAJOR CONTESTS DURING SEPTEMBER

Contest/Special Event	Begin-End Times/Dates	Bands/Modes	QSO With	Exchange
All-Asian DX Contest	0000Z 03 Sept 2400Z 04 Sept	80 – 10 Meters SSB Only	Stations in Asia	R/S and Age of Operator
Russian Radio RTTY World Wide	0000Z 03 Sept 2400Z 03 Sept	80 – 10 Meters RTTY Only	Anyone, Anywhere	R/S/T and CQ Zone
QCWA Fall QSO Party	1800Z 03 Sept 1800Z 04 Sept	80 Meters – VHF SSB, CW, Digital	Members of QCWA	Call, Name, Year lic'd, Ch #
Worked All Europe DX Contest	0000Z 10 Sept 2400Z 11 Sept	80 – 10 Meters SSB Only	<a href="http://www.darc.de/referate/dx/contest/waedc/en/rules/">http://www.darc.de/referate/dx/contest/waedc/en/rules/</a>	R/S and Serial
ARRL September VHF QSO Party	1800Z 10 Sept 0259Z 12 Sept	6 Meters and up SSB, CW, Digital	Anyone, Anywhere	Grid Square
North American Sprint	0000Z 11 Sept 0400Z 11 Sept	80 – 20 Meters CW Only	Anyone, Anywhere	Both calls, Name Serial, S/P/C
Scandinavian Activity Contest	1200Z 17 Sept 1200Z 18 Sept	80 – 10 Meters CW Only	Stations in Scandinavian Countries	R/S/T and Serial
North American Sprint	0000Z 18 Sept 0400Z 18 Sept	80 – 20 Meters SSB Only	Anyone, Anywhere	Both calls, Name Serial, S/P/C
BARTG Sprint 75	1700Z 18 Sept 2100Z 18 Sept	80 – 10 Meters RTTY Only	Anyone, Anywhere	Serial
CQ World Wide RTTY Contest	0000Z 24 Sept 2400Z 25 Sept	80 – 10 Meters RTTY Only	Anyone, Anywhere	R/S/T, CQ Zone and State

*Legend:* Serial = Sequential number of contact; S/P/C = State, Province, DXCC Entity

From ARRL "Contest Corral" and WA7BNM Contest Calendar at <http://www.hornucopia.com/contestcal/>

### Lightning, from Pg. 1

Studies commissioned by several departments of the US government to evaluate the effectiveness of such dissipation gadgets concluded that lightning cannot be eliminated and that the gadgets don't work as claimed. The time-proven Franklin rod remains the best and cheapest form of protection—with a proper grounding system.

So, what should one do to protect their property and radios? Here's what your editor suggests, based on personal experience.

- 1) Provide surge protection on your home's electrical service. This can be done via rental of a "Surge Shield" suppressor from FPL at a cost of \$9.95 (+ tax) per month, or by having an electrician install suppression devices at your service panel. A strike on a power line, or a tree near your service can bring a surge into you home.
- 2) Install a good ground system which can dissipate the charge on a tower from a lightning strike. Such a ground system is not the same as the RF ground used with vertical antennas.
- 3) If you have a metal mast or tower, ground the coax braid at the top and bottom of the tower. This shunts most of the lightning surge from the coax directly to the grounded tower.
- 4) Install one or more good (PolyPhaser or I.C.E.) surge suppressors in all coax cables. Alpha Delta suppressors are not recommended as they do not provide DC blocking.
- 5) Ground all equipment in the shack. Do not depend on the ground wire in the electrical wiring as a substitute for a good ground.
- 6) Surge protectors on control cables have not proven successful, so provide for convenient disconnection of such cables when there's a threat of an electrical storm.

It's true that a grounded tower is more likely to get hit. However, a tower that is not grounded and is hit will send energy out any available path toward a lower potential. The equipment could be the path of choice. If the tower is grounded, the owner has control. The concept of lightning protection is to control and direct the lightning surge energy so it does the least amount of harm or damage.

(From "War of the Lightning Rods," Dr. Abdul Mousa, *Electricity Today*, Issue 2, 2004.

*Lightning Protection and Grounding Solutions for Communications Sites*, Ken Rand, PolyPhaser Corp., 2000)

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## -- SECOND CENTURY CAMPAIGN --



Members of the ARRL Second Century Campaign Committee met in Newington. The committee is chaired by TARC Member David Brandenburg-K5RQ (center front). [S. Khrystyne Keane-K1SFA, Photo]

The year 2014 marks the end of the first 100 years of the ARRL. In these 100 years, amateurs have seen spark gap give way to CW, FM and AM, SSB and the numerous digital modes. In celebration of the beginning of a second century of Amateur Radio, the ARRL has formed the Second Century Campaign Committee. This group--led by TARC Member David W. Brandenburg-K5RQ, of Osprey--had their first formal meeting in Newington on 11 August.

The Second Century Campaign Committee will develop and lead a multi-million dollar campaign, focused on building the ARRL Endowment to further secure resources to fund the League's commitment to the future. The ARRL Second Century Campaign will open the path to meaningful involvement in Amateur Radio by new generations, providing opportunities for educational enrichment, community service and personal achievement through the exploration and use of the magic of radio communication.

*Good Luck, Dave, in your efforts!!*

(From *ARRL Letter*, 11 August 2011)

## -- ANOTHER ICON PASSES --

Peter Dahl-K0BIT, of El Paso, Texas, passed away 15 August of Parkinson's disease at the age of 71. In 2007, after more than 40 years, he closed his company -- the Peter W. Dahl Company -- citing health reasons.

While still a student at the University of Minnesota, Dahl founded the Peter W. Dahl Company, manufacturers of a wide variety of custom transformers and reactors for Amateur Radio, as well as commercial radio and television applications. According to Dahl, many were direct replacements for original equipment components that were no longer available from

the manufacturer, while others had general-purpose applications in any number of different transmitters. In 2007, he stated that his company had more than 4000 individual transformer designs on file. After retiring, Dahl sold his designs to Harbach Electronics.

*Dahl had a fine business reputation for great transformers. Solid state amps don't require those big ones but the big tube ones sure do!!*

(From <http://www.arrl.org/news-features> , 22 August 2011)

## -- CYCLE 24 TO BE SMALL --



NASA's Dr. David Hathaway predicts that solar Cycle 24 will peak in mid-2013 at around 75.

NASA solar physicist David Hathaway told hams at the Huntsville Hamfest in August that Solar Cycle 24 will likely be the smallest in at least 100 years, in terms of maximum sunspot numbers. But he says it is too early to know if this cycle is a precursor to what some scientists are predicting to be "the death of sunspots" or a "little ice age."

In a talk titled "The Sky is NOT Falling," Hathaway explained why predictions of "killer flares" capable of causing massive disruptions are *not* likely to occur -- mostly because of too few sunspots. At the same time, he said, predictions of future cycles with *no* sunspots -- based on observations to date -- are premature because the "missing" activity is associated with the peak of the sunspot cycle, which is not yet here.

Hathaway's current prediction is that Cycle 24 will peak at a maximum of around 75 in mid-2013, the lowest peak in the past century. And while he says it is too early to write off Cycle 25 completely, he feels it could be even weaker than the current cycle. He admits, though, that

See **Hathaway**, Pg. 6

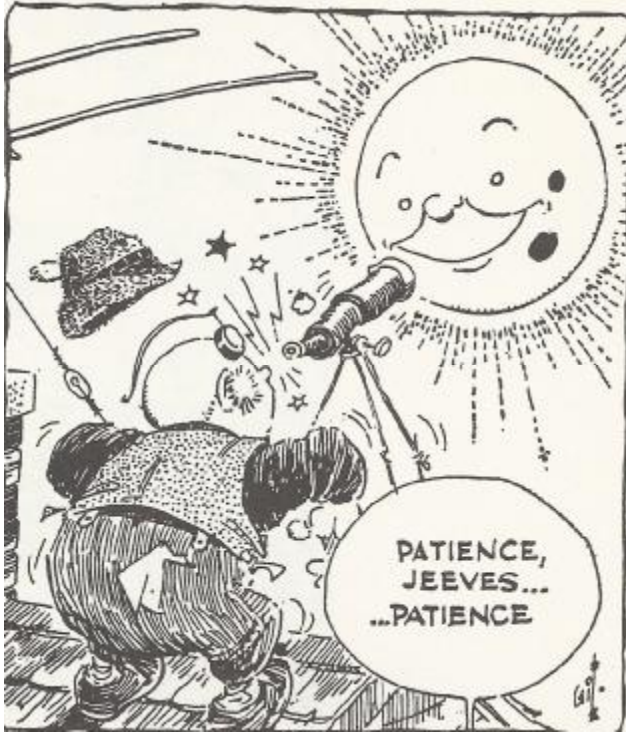
Hathaway, from Pg. 5

"every time you come up with a model, you find a problem and you have to go back to the drawing board."

From: <http://www.cqnewsroom.blogspot.com/>, CQ Newsroom, 23 August 2011.

**-- LOOKS LIKE CYCLE 24!! --**

Yep, a spot here and a spot there but no acne!



Gil, March 1965 QST

**-- HEATHKIT RETURNING --**

Good news for Heathkit fans -- the company says it is bringing back kits! Heathkit was a major player in the U.S. ham radio marketplace from the 1950s into the 1980s, and was the dominant kit manufacturer of the time. It left the kit market in 1992 amid sagging sales.



The Heathkit HW-101, aka "The Benton Harbor KWM-2," 100-Watt transceiver c. 1979

An announcement on the company web page says its return to kit-making will start out with "common around-the-house items," including an ultrasonic "Garage Parking Assistant" and a wireless swimming pool monitor kit. No word yet on whether radio kits are in the plans; however, Heathkit is asking kit-builders to submit suggestions via its website at [www.heathkit.com](http://www.heathkit.com).

From <http://www.cqnewsroom.blogspot.com/>, CQ Newsroom, 23 August 2011.

**-- NEW CPR TECHNIQUE --**

A new CPR technique utilizing continuous chest compression and release has been developed out in Arizona. A short video provides highlights of the technique and demonstrations of its use.

Go to <http://medicine.arizona.edu/spotlight/learn-sarver-heart-centers-continuous-chest-compression-cpr>

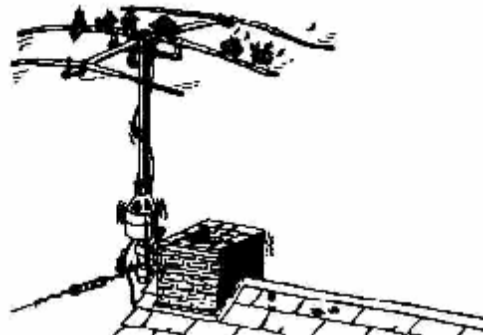
TNX to Bob Sullenberger-K1RCS for this info.

**-- FCC AFFIRMS \$10,000 FINE --**

A Florida resident who allegedly operated an unlicensed broadcast radio station has been ordered to pay a ten thousand dollar fine. In a 22 August release, the Regional Director for the South Central Region of the FCC's Enforcement Bureau ordered Patrick Michael Ford of Fort Myers to pay a previously imposed Notice of Apparent Liability or NAL.

Back on 05 May, the Enforcement Bureau's Tampa Office issued the Notice of Apparent Liability for Forfeiture to Ford after it traced illegal broadcasts to him. The FCC says that to date, Ford has not filed a response to the NAL. Therefore, based on the information before it the regulatory agency has now affirmed the forfeiture order and given him 30 days to pay. If he fails to do so the matter can be turned over to the Department of Justice for collection.

(From *Amateur Radio Newsline*™ Report 1776, 26 August)



# September 2011

Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1 TARC Emer- gency Net @ 7:30 PM, W4AC Repeater 146.805	2 Breakfast @ Peach's, ± 7:30 AM	3
4	5	6 Breakfast @ Peach's, ± 7:30 AM TARC Net @ 7:30 PM, 146.580	7 QCWA Lunch, 11:15 AM TARC DX Net 8 PM, W4AC Repeater 146.805	8 TARC Emer- gency Net @ 7:30 PM, W4AC Repeater 146.805	9 Breakfast @ Peach's, ± 7:30 AM	10 <b>TARC VE Session @ 10:00 AM, Venice Library</b>
11	12 DARN Emer- gency Net @ 11 AM Starts on NI4CE re- peater 145.430	13 Breakfast @ Peach's, ± 7:30 AM TARC Net @ 7:30 PM, 146.580	14 <b>TARC Meet- ing @ 7 PM, Coast Guard Training Center</b>	15 TARC Emer- gency Net @ 7:30 PM, W4AC Repeater 146.805	16 Breakfast @ Peach's, ± 7:30 AM	17
18	19	20 Breakfast @ Peach's, ± 7:30 AM TARC Net @ 7:30 PM, 146.580	21 TARC DX Net, 8 PM, W4AC Repeater 146.805	22 TARC Emer- gency Net @ 7:30 PM, W4AC Repeater 146.805	23 Breakfast @ Peach's, ± 7:30 AM	24
25	26	27 Breakfast @ Peach's, ± 7:30 AM TARC Net @ 7:30 PM, 146.580	28 TARC DX Net, 8 PM, W4AC Repeater 146.805	29 TARC Emer- gency Net @ 7:30 PM, W4AC Repeater 146.805	30 Breakfast @ Peach's, ± 7:30 AM	

NOTE: If the W4AC Repeater is inoperative, nets scheduled for activity on the repeater will be held on the simplex frequency of 146.580 MHz. 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 activity interests: Ass't Net Control \_\_, RFI/TVI \_\_, VE Testing \_\_, Training \_\_, Packet \_\_, RTTY \_\_,  
Computers \_\_, DXing \_\_, Contests \_\_, Field Day \_\_, Publicity \_\_, Emergency Communications \_\_, Special Events \_\_,  
VHF/UHF \_\_, SSTV \_\_, ATV \_\_, Repeater \_\_, 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, 1419 E. MANASOTA BEACH RD, ENGLEWOOD, FL 34223-6341

**TAMIAMI AMATEUR RADIO CLUB, INC.  
1419 E. MANASOTA BEACH ROAD  
ENGLEWOOD, FL 34223-6341**

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