

The Dipole

Radiating the News of the Marple Newtown Amateur Radio Club

October 2010

Next Club Meeting: Thurs. Oct. 7th, 7 p.m. at The Gauntlett Center

INSIDE THIS MONTH'S DIPOLE

Digital Communication at Its Roots	Cover
You Have to Love This Lawyer.....	2
Inefficiency at Its Extreme.....	3
SK for a Valued Ham.....	3
Public Service and the 'canes	4
An End of an Era May Happen Soon.....	5
Field Day Helpers Appreciated.....	7
Life Facts and Factors.....	8
Autumn, Fall(ing) Prices.....	9
New Use for Old Laptop.....	10
Special Students Receive Special Welcome	10
Ham Radio in a Mystery.....	11
Award Nominees Being Sought.....	12
Awards Goldwater Recipient Announced	13
Award Decisions for Specific Dissolution.....	15
What Is Coming	16
Paraprosdokian Sentences.....	16
Trouble with Translations.....	17
New Allocations Announced	18
The Awards Announced	19
Not Anymore	20
FD Scoring.....	22
New Berlin Movement.....	23
No Text Is a Wise Decision	24

DIGITAL COMMUNICATION AT ITS ROOTS



MNARClub featured speaker, Doug Fearn, K3KW

Doug Fearn, K3KW, a tenured, energetic and enthusiastic Amateur Radio Operator will be the key (no pun intended) speaker at the Thursday, October 7 meeting of the Marple Newtown Amateur Radio Club. After his annual summer recess, this regional Ham Radio group returns to its

long-time operational and meeting home at the Gauntlett Community Center, Media Line Road, near West Chester Pike in Newtown Square, Pennsylvania.

Just as this group has pioneered the concept of education, FCC-sanctioned testing, and youth programs, Mr. Fearn has also been a trendsetter in both his work and his hobby activities. First licensed by the FCC at age 12, he will soon be celebrating 50 years of Amateur Radio operating.

While in high school, he was an engineer at Philadelphia's WPEN. In other entertainment activities, Mr. Fearn also operated a recording studio for many years.

In a Delaware County activity, Doug Fearn was responsible for the 1980s construction of radio station WKSZ in Newtown Square. The Marple Newtown Amateur Radio Club is well aware of the impact and importance of this facility.

In a more recent history, Doug has manufactured equipment for professional audio uses. As serious musicians attest, his choice of vacuum tube amplification indeed produces a wonderful and pleasant sound. As one musician shared many years ago during a discussion of tubes versus solid state, "Hollow state is best."

Doug Fearn also has an enviable history in Amateur Radio activities. In the 1970s, he was a notable participant in

Continued on Page 2

MARPLE NEWTOWN AMATEUR RADIO CLUB
c/o The Gauntlett Center
20 South Media Line Road at West Chester Pike
Newtown Square, Delaware County, PA 19073

For information about our club,
phone President Walt Faust at (610) 622-2200.

OFFICERS

President..... Walt Faust N3FXR
Acting Program Chair..... Walt Faust N3FXR
Vice President..... Jim Goldman W3JG
Secretary Open
TreasurerBill Bowers N3ZAV

**COMMITTEES, MANAGERS,
AND COORDINATORS**

Public RelationsJim Biddle W3DCL
License Exam School Manager.....Bill White K3TBZ
Webmaster Tom Tenaglia K3TAT
K3MN Repeater Trustee Dan Amoroso W3DI
K3MN Club Station Managers ... John Nielands W3YDC
Neil Griffith W2GTV
IRLP Trustee..... Tom Tenaglia K3TAT

The Dipole

Contributing EditorJim Biddle W3DCL
Desktop Publishing Tom Tenaglia K3TAT
Reproduction.....Bill Bowers N3ZAV
DistributionThe Peel'em and Seal'em Group

Meetings, Nets, and Packet BBS
Monthly Club Meetings: First non-holiday Thursday,
7:00 p.m. at the Gauntlett Center in Newtown Square,
Delaware County. Talk-in: 147.195 repeater
Daily Weather and Information Net: Every morning at 8:30
a.m. on 147.195 repeater
Club Web Page (including online version of *The Dipole*):
<http://mnarc.org>
Delaware County ARES Net: Every Wednesday at 19:30 local

Program from Cover

the National Traffic System (NTS). Additionally, he has service as Net Manager for the Eastern Pennsylvania CW Net and Transcontinental Corps (TCC) Eastern Director

In accepting the invitation to address the Marple Newtown Amateur Radio Club, he said, "I'm delighted to be asked to speak at the October meeting."

In this welcomed acceptance, Doug Fearn added, volunteered a title for his presentation: "CW: The Original Digital Mode"

His skills have achieved one enviable record. He has had a sked with Canadian VE3SB every week for over 30 years. Even more attention grabbing was their mode of operating. Their 80-meter dialogue on CW was done using American Morse. This is the original communications code used by American railroads.

You Have to Love This Lawyer...

The following dialog provides both humor and a hint of a possible reality.

Part of rebuilding New Orleans caused residents often to be challenged with the task of tracing home titles back potentially hundreds of years. With a community rich with history stretching back over two centuries, houses have been passed along through generations of family.

This has sometimes made it quite difficult to establish ownership. Here's a great letter an attorney wrote to the FHA on behalf of a client

You have to love this lawyer.....

A New Orleans lawyer sought an FHA loan for a client. He was told the loan would be granted if he could prove satisfactory title to a parcel of property, an actual letter from the FHA.

"Upon review of your letter adjoining your client's loan application, we note that the request is supported by an Abstract of Title. While we compliment the able manner in which you have prepared and presented the application, we must point out that you have only cleared title to the proposed collateral property back to 1803. Before final approval can be accorded, it will be necessary to clear the title back to its origin."

Annoyed, the lawyer responded as follows; this is reported to be an actual written dialog:

"Your letter regarding title in Case No.189156 has been received. I note that you wish to have title extended further than the 206 years covered by the present application. I was unaware that any educated person in this country, particularly those working in the property area, would not know that Louisiana was purchased by the United States from France in 1803, the year of origin identified in our application.

For the edification of uninformed FHA bureaucrats, the title to the land prior to U.S. ownership was obtained from France, which had acquired it by Right of Conquest from Spain.

The land came into the possession of Spain by Right of Discovery made in the year 1492 by a sea captain named Christopher Columbus, who had been granted the privilege of seeking a new route to India by the Spanish monarch, Queen Isabella. The good Queen Isabella, being a pious woman and almost as careful about titles as the FHA, took the precaution of securing the blessing of the Pope before she sold her jewels to finance Columbus' expedition.

Now the Pope, as I'm sure you may know, is the emissary of Jesus Christ, the Son of God, and God, it is commonly accepted, created this world. Therefore, I believe it is safe to presume that God also made that part of the world called Louisiana.

God, therefore, would be the owner of origin and His origins date back to before the beginning of time, the world, as we know it, and the FHA. I hope you find God's original claim to be satisfactory. Now, may we have our d- -n loan?"

The loan was immediately approved.

Inefficiency at Its Extreme

While there are constant challenges by world transportation giants to create the most effective miles per gallon. Charles Higgins, W3CAU, in citing the other extreme of fuel efficiency, volunteers that the Cruise Ship *QE2* moves only six inches for each gallon of diesel fuel it burns.

SK for a Valued Ham

On September 14, the ARRL sent out a message that would have impact upon all of the Amateur Radio community. The impact of the news of the death of Hugh Turnbull, W3ABC had its greatest impact upon the Ham Radio world within the United States' Third Radio District

SB QST @ ARL \$ARLB024
ARLB024 ARRL Honorary Vice President Hugh Turnbull, W3ABC, SK

ZCZC AG24
QST de W1AW
ARRL Bulletin 24 ARLB024
From ARRL Headquarters
Newington CT September 14, 2010
To all radio amateurs

SB QST ARL ARLB024
ARLB024 ARRL Honorary Vice President Hugh Turnbull, W3ABC, SK

ARRL Honorary Vice President Hugh Turnbull, W3ABC, of Silver Spring, Maryland, died September 14 at age 93.

Turnbull served the ARRL as Atlantic Division Vice Director (1980-1982) and Director (1982-1996). The ARRL Board named him Vice President in 1996 and Honorary Vice President in 2000.

Aside from his long and distinguished service to the ARRL, Hugh was actively involved in several DC-area Amateur Radio clubs and organizations, including the Foundation for Amateur Radio, a group of clubs from the Maryland, Washington, DC and Northern Virginia area that awards scholarships to deserving radio amateurs.

In 2005, the Quarter Century Wireless Association awarded Turnbull a special plaque recognizing his "exceptional contributions to Amateur Radio in general and for outstanding work in the selection of recipients for the QCWA scholarship awards." He was also a charter member of the Goddard Amateur Radio Club.

A licensed and active radio amateur since 1932, Hugh's engineering career included employment with the FCC, the Voice of America and NASA.

Upon hearing of his death, ARRL President Kay Craigie, N3KN, who served as Atlantic Division Vice Director during Hugh's tenure as Director, said: "Hugh's life was devoted to serving his country and Amateur Radio. Many times I heard him say that each of us should 'give something back' to ham radio. He was my first mentor in ARRL leadership, and it was my good fortune to have his example to learn from."

ARRL Chief Executive Officer David Sumner, K1ZZ, added: "Hugh was an exemplary member of 'The Greatest Generation' who unselfishly took on whatever needed to be done for the common good."

According to his daughter, Karen Shangraw, Turnbull will be buried with full military honors at Arlington National Cemetery.

Both those who know and worked with him, as well as the many Amateur Radio operators who have lived with the many giant steps he made to make our hobby what it is today will miss Hugh Turnbull.

Public Service and the 'canes

So far, after living through a winter when the former average snowfall of 19-inches was erased by a snow season that produced more than six-feet of cold, powdered sunshine forecasters were changing their focus. This year's hurricane season has already produced nine tropical storms and four hurricanes. An accurate statement for the early stages of the 2010 Atlantic Hurricane season has indeed begun to live up to this year's seasonal hurricane predictions citing this will be a busy time.

An ARRL report has discussed this year's storms and the activities performed by the United States Amateur Radio community:

Beginning with Hurricane Alex (<http://www.arrl.org/news/wx4nhc-voip-weather-net-and-hurricane-watch-net-activated-for-hurricane-alex>) in June, hams at WX4NHC -- the Amateur Radio station at the National Hurricane Center (NHC) in Miami, Florida -- and weather spotters around the country have kept an eye on these storms. Hurricane Earl (<http://www.arrl.org/news/hurricane-earl-heading-for-north-carolina-hurricane-warnings-issued-for-new-england>) came in late August and early September, Hurricane Karl in September and now Hurricane Igor is making its way across the Canadian Maritimes. The 2010 Atlantic hurricane season officially began on June 1 and will continue through November 30.

Hurricane Igor, now a Category 1 storm [at the press preparation time of the October *eDipole*], is currently the strongest storm of

the 2010 season and is one of the largest hurricanes (based on size) ever recorded in the Atlantic basin. On September 8, it became the ninth tropical storm of the season, strengthening into a hurricane on September 11; the next day, Igor was a Category 4 hurricane.

By September 18, it had been downgraded, continuing to weaken to a Category 1 hurricane before its greatest impact in Bermuda on September 19. It has held its strength as it moved slowly northward, remaining a hurricane as it passed just southeast of Newfoundland on September 21.

Hurricane Igor is about 75 miles north-northeast of St Johns, Newfoundland, with maximum sustained winds reaching 80 MPH. Currently, the storm is rapidly moving northeast at 46 MPH. Forecasters at the NHC expect that Igor's center will continue to move away from the island of Newfoundland late Wednesday or early Thursday.

A hurricane watch is in effect for the coast of Newfoundland from Stones Cove northward and eastward to Fogo Island. A tropical storm warning is in effect for the coast of Newfoundland from Burgeo northward and eastward to Triton, the islands of St-Pierre and Miquelon.

Despite the fears of Bermudian officials that Hurricane Igor would cause immense damage across the island nation, the storm passed having caused relatively minimal structural damage. Heavy rains fell across the islands between September 18-19 and sustained winds over hurricane force and gusts reached 90 MPH.

In an e-mail to Tony Siese, VP9HK, WX4NHC Assistant Coordinator Julio Ripoll, WD4R said that he was happy to hear that Bermuda fared well through Hurricane Igor, one of the largest hurricanes in size he has seen in that part of the Atlantic in many years. "I will never forget the night we stayed on-the-air with you and other VP9 Hams as Hurricane Fabian made landfall in 2003 and your live reports of the roof damage to the EOC and having to relocate

during the storm. You were a vital link to NHC and the outside world. Thank you so much for the many surface reports you sent during the storm. This gave the Hurricane Specialists an insight as to what was actually happening on the ground.”

Ripoll said that a report of a 94 MPH gust was the strongest wind speed that was reported by the Bermuda Net to the NHC. The strongest measured report from a ham radio operator -- a 69 MPH gust -- was from Siese's station.

On September 21, SATERN [the radio arm of the Salvation Army] National Director Pat McPherson, WW9E, received a report from Rick Shirran VE3NUZ, the Salvation Army's District Commander in Newfoundland: “Newfoundland is being battered by Igor! We're seeing winds up to 70 km per hour in St John's and much higher in south coast. It's a very wide storm, covering approx half of the island. Many roads are closed and some businesses have lost roofs; two towns have declared a 'state of emergency.' One town on the south coast already has 205 mm (approximately 8 inches) of rainfall since last night. St John's now at 60 mm (2.3 inches), and Gander and Bonavista at 70 mm (2.75 inches).”

McPherson said that Shirran was stationed on Bermuda during Hurricane Fabian. While there, he helped the Salvation Army and Salvation Army SATERN response “and is intimately familiar with the potential and challenges there. He brought good intelligence to us again this time.”

The SATERN Nets stood down on September 20, but McPherson said that if Igor “becomes a problem again, we will again call up the SATERN Net on 14.265 MHZ. Kudos to the National Net Director Ed Schumacher, WA9GQK, and the SATERN 20 Meter Net Director John Strobel for the good response, alert and coordination of the network. Thanks to the net controls also, who secured an excellent response and to all those who monitored guarding against the potential challenges of the hurricane.”

It is early in the Hurricane season. Along with Hurricane Igor, forecasters at the NHC are also watching two other Atlantic storms: At the time of eDipole preparation, Tropical Storm Lisa was currently 530 miles west-northwest of the Cape Verde Islands. Additionally, there was also a storm forming over the Windward Islands, off the coast of Venezuela. The NHC notes that this storm has a medium chance (50 percent) of becoming a tropical cyclone during the next 48 hours.

Looking to the other oceanic areas, Tropical Storm Georgette, located very near the southern tip of Baja, California, is at the time of **eDipole** preparation the only active storm in the Eastern Pacific.



Hurricane Igor as it moved toward the Canadian Maritimes on Tuesday, September 21.

[Photo courtesy of NASA]

An End of an Era May Happen Soon

The following story, complete with its native British English, comes as a possible of yet another era. Readers of the **eDipole** should note that words that are more traditionally British words are explained within editorial brackets [].

This story was shared by Charlie Higgins, W3CAU. He is a long-standing Anglophile and over the years, he has shared stories and compared visit memories with others who have also visited the British Isles.

Tuesday, 13 July 2010

After 70 years monitoring the airwaves, the BBC listening post could be cut off. A current

Budget review threatens Caversham Park, the BBC monitoring unit's headquarters since 1942. A long time world news giant, it was from this location that the BBC broke news of JFK's assassination.

BBC Monitoring, a little-known section of the corporation which listens in on 3,000 media sources from around the world, is facing swingeing [*to inflict pain: a UK based word*] budget cuts as a result of a drop in its government funding which could lead to its closure.

For nearly 70 years, workers at the former stately home in Caversham, near Reading, have monitored publicly available material in more than 100 languages to provide a running digest of global journalism for senior civil servants, ministers and commercial clients.



It uses a "United Nations" of 400 staff based in a Victorian mansion in Berkshire, and the organisation's work has given it a front-row seat at a series of global events, including providing the translation of an obscure radio broadcast by Nikita Khrushchev which ended the Cuban missile crisis when it was rushed to the White House. It also broke the news to British audiences of the death of President John F Kennedy.

But BBC Monitoring now faces an uncertain future after it emerged that the £25m annual government grant from the Cabinet Office, which provides the vast majority of the unit's funding, is set to be slashed in this autumn's spending review, potentially tipping it into insolvency unless it makes extensive cuts in its services.

At a briefing to all staff last week, Chris Westcott, the director of BBC Monitoring,

told employees that the "situation is grim" and confirmed that failure to accommodate the government's cuts could lead to closure. Managers are likely to be asked to find savings of £3.2m during the next two years, making the trimming of key services inevitable, according to managers.

The monitoring operation, which does not receive any licence-fee funding, has been the subject of a financial squeeze for the best part of a decade, making efficiency savings of 7 per cent a year since 2001. Last year, it made a profit of £2.5m on its total income of £28.8m, supplemented by deals with commercial customers and foreign governments.

A BBC insider said: "We have got two options: either we cut some of the core operational services and devalue the business, or we try to stick together and look for a way through this. But we are already cut to the bone and if we have to cut more, we are in deep trouble. There is a risk of closure if the cuts go too far. The situation is quite dire."

The current five-year funding settlement for BBC Monitoring is due to come to an end this year and with its main customers - the Cabinet Office, the Foreign Office and the Ministry of Defence - facing 25 per cent cuts in their budgets, the prospects of maintaining funding at its current level are understood to be negligible.

The role of the unit is also being considered as part of the Strategic Defence Review. Part of the work undertaken by Caversham, whose regional units include a central-Asian listening station in Uzbekistan, is transcribing broadcasts by Afghan radio stations sympathetic to the Taliban, offering an insight into the thinking of the militant Psalmists.

It was a similar need to gain insight into the mindset of implacable enemies and uncertain allies which led to the founding of the BBC's monitoring operations during the Second World War. A colourful team of sound engineers and linguists, including the Austrian-born art historian Ernst Gombrich, was assembled in camouflaged huts in the

ground of a stately home in Worcestershire to listen to German, French, Italian and Russian radio broadcasts.

Gombrich later recalled that the rudimentary wax cylinder recording technology made it difficult to discern whether the reedy, faint voice of a foreign broadcaster was saying "send reinforcements, am going to advance" or "send three and four pence, am going to a dance".

The operation moved to Caversham Park, the one-time home of Elizabeth I's treasurer, in 1942 with a remit dedicating its staff to "reporting foreign news media comprehensively and accurately, without bias or comment".

It is a global burden shared with the Foreign Broadcast Information Service, which was once part of the CIA, but is now transferred to the US government's Open Source Center. It keeps a number of staff in the slightly idiosyncratic surroundings of Caversham Park, where gardens partly landscaped by Capability Brown host a dozen satellite dishes. The staff canteen is housed in the old orangery [*a protected place or a greenhouse*].

Over the years, BBC Monitoring's staff - currently standing at about 450 worldwide and recruited from diverse backgrounds, ranging from university graduates to former asylum seekers - has maintained a constant vigil, listening at any one time to 37 television stations and 100 radio services. Since the 1990s, it has also sifted through newspapers and websites, with the Internet now accounting for about a third of its activities.

Such is BBC Monitoring's reputation for absolute accuracy, President Kennedy accepted at face value a translation of a radio address by Khrushchev in 1962 to a domestic audience announcing the withdrawal of Soviet vessels carrying nuclear missiles to Cuba. Without waiting for confirmation from US intelligence sources, Kennedy responded to the Kremlin's overtures immediately.

The Cabinet Office, which oversees government funding of BBC Monitoring, said: "We are involved in regular discussions with the BBC over expenditure in this area and nothing has been put to ministers to decide. No decision has been taken [on future funding]."

In a statement, the BBC said it would be approaching the funding discussions with "vigour and confidence" but added it was "acutely aware that the prevailing economic climate will bring huge challenges and tough choices".

Field Day Helpers Appreciated

Dan Amoroso, W3DI, received the following message. This informative note was sent by the then president of the Mid Atlantic Amateur Radio Club (MARC), Dieter Hauer, K3DK. He was one of a collection of welcomed new participant that joined the original collection of Amateur Radio organizations in was universally evaluated as a successful event.

This year's expanded collection of organizations has been viewed as a realistic evolution. Following a long-standing history of multiple area Ham Radio groups holding individual Field Day operations, there was a realization that if there were to be a true emergency, no one group would become the communicators.

By the creation of a larger, more diverse group, the skills and operating techniques merged to provide a group that would be better equipped to properly provide all of the known and surprise forms of emergency communications.

Prior to the participation of MARC, the previously expanded communications group consisted of the geographic host, the Marple Newtown Amateur Radio Club (MNARClub), the Delaware County Amateur Radio Association (DCARA), the Mobile-Sixers, the Boeing Amateur Radio Club, and a welcomed support group of digital logging partners.

Through the contributions of MARC, this concept of grouped communications was expanded to a more regionalized concept. This addition is one more ingredient in the assurance that any emergency will not have a greater impact.

The following was the kind note forwarded to Dan:

Hi Dan,

Yes, there were several MARC members that did attend (including myself)...

- Bob Palin N3JIZ
- Dennis K3DS
- Sam KF3G
- Dennis KA3QOT
- Jim K3RTU
- Jim W3DCL

There might be others that I don't know of (not sure). You folks had a very nice event and I was very impressed. I even had an opportunity to mentor a youth op. Matthew Plank (14) approached me and politely asked if I could get him on-the-air. After Joe N3LMV and Sam KF3G installed and raised another G5RV, I got Matthew on 80 Meter Phone, on W3JEF's TS-2000 (not the GOTA station, since that was already in use).

Matthew did quite well over the next 45 minutes-hour and was thankful for the experience of being able to operate. Possibly a future member? This scored extra points for N3NZ (youth op) and I made sure to note that Matthew was the operator (in logging program), prior to logging these 80 Meter FD QSOs.

Anyway, good to see you all and my congratulations to John WA3KFT.

- 73 Dieter, K3DK

Life Facts and Factors

GREAT TRUTHS THAT LITTLE CHILDREN HAVE LEARNED

- 1) No matter how hard you try, you can't baptize cats.
- 2) When your Mom is mad at your Dad, don't let her brush your hair.
- 3) If your sister hits you, don't hit her back. They always catch the second person.
- 4) Never ask your 3-year old brother to hold a tomato.
- 5) You can't trust dogs to watch your food.

- 6) Don't sneeze when someone is cutting your hair.
- 7) Never hold a Dust-Buster and a cat at the same time.
- 8) You can't hide a piece of broccoli in a glass of milk.
- 9) Don't wear polka-dot underwear under white shorts.
- 10) The best place to be when you're sad is Grandma's lap.

GREAT TRUTHS THAT ADULTS HAVE LEARNED

- 1) Raising teenagers is like nailing jelly to a tree.
- 2) Wrinkles don't hurt.
- 3) Families are like fudge...mostly sweet, with a few nuts
- 4) Today's mighty oak is just yesterday's nut that held its ground.
- 5) Laughing is good exercise. It's like jogging on the inside.
- 6) Middle age is when you choose your cereal for the fiber, not the toy.

GREAT TRUTHS ABOUT GROWING OLD

- 1) Growing old is mandatory; growing up is optional...
- 2) Forget the health food. I need all the preservatives I can get.
- 3) When you fall down, you wonder what else you can do while you're down there.
- 4) You're getting old when you get the same sensation from a rocking chair that you once got from a roller coaster.
- 5) It's frustrating when you know all the answers but nobody bothers to ask you the questions
- 6) Time may be a great healer, but it's a lousy beautician
- 7) Wisdom comes with age, but sometimes age comes alone.

THE FOUR STAGES OF LIFE

- 1) You believe in Santa Claus.
- 2) You don't believe in Santa Claus.
- 3) You are Santa Claus.
- 4) You look like Santa Claus.

SUCCESS

At age 4 success isNot piddling in your pants.
 At age 12 success is ...Having friends.
 At age 17 success is ...Having a driver's license.

At age 35 success is ...Having money.
 At age 50 success is ...Having money.
 At age 70 success is ...Having a drivers license.
 At age 75 success is ...Having friends.
 At age 80 success is ...Not piddling in your pants.

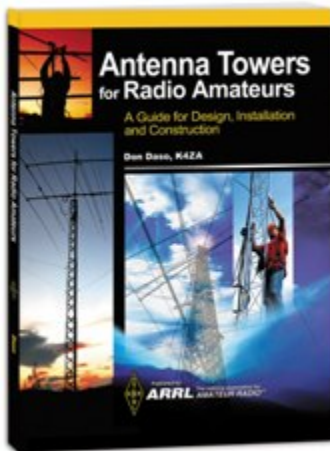
Autumn, Fall(ing) Prices

The longtime saying about antenna installations has a focus upon the successes of erecting a tower and antenna in the midst of the winter for greater success. Add to this false fable, why not add blowing snow and other torturing events.

In reality, the best way to establish a successful and lasting antenna is not that of waiting for luck and adverse weather. The real success comes from having a good foundation in installation techniques and easy-to-follow step-by-step instructions.

The longstanding definition of a bargain is an unexpected price reduction of an item the purchaser would really like to purchase. Following this description, there is a benefit for taking advantage of the late-September ARRL announcement. Each of these ARRL title will provide safety and

The first seasonal offering for ARRL Members is new book providing guidelines for the design, installation, and construction of antenna towers for Amateur Radio operators.



Author Don Daso, K4ZA, through his years of experience as a professional tower climber, will lead readers through the design process and construction of an antenna tower. During this process the reader will the use of tools, acquire new skills, and become the proud builder of Amateur Radio antenna tower.

What will the tower builder learn?
 Adaptable skills, mastery of tools, and, if

desire, climbing techniques and general safety measures. Additionally, this text also provides guidelines for taking down existing towers, making inspections, and the important step of performing maintenance on towers.

Regardless if there is a choice for personal climbing, or hiring a professional, this new book will become a true guide to success.

Additional titles that will help in better understanding and more efficient operation are also available.

The longtime saying about antenna installations has a focus upon the successes of erecting a tower and antenna in the midst of the winter for greater success. Add to this false fable, why not add blowing snow and other torturing events.

In reality, the best way to establish a successful and lasting antenna is not that of waiting for luck and adverse weather. The real success comes from having a good foundation in installation techniques and easy-to-follow step-by-step instructions.

The longstanding definition of a bargain is an unexpected price reduction of an item the purchaser would really like to purchase. Following this description, there is a benefit for taking advantage of the late-September ARRL announcement. Each of these ARRL title will provide safety and

The first seasonal offering, new book, provides guidelines for the design, installation, and construction of antenna towers for Amateur Radio operators.



ARRL's HF Digital Handbook

Your guide to understanding the most active HF digital communication modes in use today!

ARRL's VHF Digital Handbook

Learn how to setup and operate equipment and software, and make the best use of your VHF digital station.

The ARRL Emergency Communication Handbook

Intended for all hams that volunteer their skills in public service applications (or who are interested in doing so).

Emergency Power for Radio Communications

Explore the various means of electric power generation—from charging batteries, to keeping the lights on.

ARES Field Resource Manual

A quick trainer and field resource guide for the emergency communicator.

ORDERING

NOTE: in late September there were exciting, price-saving bundle deals that were being offered by the ARRL. If ordering by phone, ask if any of these bundles are still available.

Prices do not include shipping & handling charges, and are subject to change without notice. To order from ARRL, please use the links in this message to visit ARRL's secure online catalog (<http://www.arrl.org/catalog>). Or, call our Publication Team toll-free in the US 1-888-277-5289, Monday through Friday from 8 AM to 5 PM Eastern time [Outside US telephone (860) 594-0355]. ARRL publications are also available from your local ARRL dealer. NOTE: The name, address, and other contact information can be obtained through a visit to the ARRL Dealer Locator: ARRL dealer (<http://www.arrl.org/arrl-publication-dealers>).

ARRL, the national association for Amateur Radio™
225 Main Street, Newington, CT 06111-1494 USA

New Use for Old Laptop

If you have an old laptop that is just doing nothing but “hanging around,” Gary Bodnar, K3GZ,

has suggested a better way to have this non-dedicated computer device find a better way to hang around.

This workable solution is both informative and a good example of creative recycling.



Can you read the time? Better than an eye doctors chart.

Special Students Receive Special Welcome

As the *eDipole* is being prepared for readers (late September), the ARRL will welcome students desiring to learn how to administer and regulate Amateur Radio programs in their home countries. This course is being offered by the United States Telecommunications Training Institute (USTTI) for participants from the worlds developing nations is structure to help these participants create, administer, and foster an Amateur Radio Service in their countries.

ARRL staff instructors will help course participants discover the ever-expanding applications and areas of digital- and traditional-Amateur Radio communication. These students will also the reasons behind the reasons that the growing numbers of world-wide Amateur Radio operators have worked to obtain licenses, as well as how and why they are being recognized as a volunteer telecommunications resource by their home governments and internationally.

The hosting, ARRL has added course participants will also discover how a telecommunications administration can bring the benefits of a healthy Amateur Service to its nation.

The ARRL, now in its 26th year of participation explains that during its 28-year history, the USTTI as a nonprofit venture, involves leading US-based communications and information technology corporations and leaders of the federal government. This successful cooperation continues to provide tuition-free management, policy and technical training for talented professionals from the developing world.

Ham Radio in a Mystery

America's Public Broadcasting System will have a tie with Amateur Radio. This bond is not that of the normal variety of collective thinking. This show will feature a "History Mystery" with an Amateur Radio impact.

The release of this collaborative effort was shared by the ARRL in late September. The League volunteered the following:

In the PBS show *History Detectives*, a group of researchers helps people to seek answers to various historical questions they have, usually centering around a family heirloom, an old house or other historic object or structure. So when Chuck Roedel, WA2MXR, of Beverly Hills, Florida, had what he thought may be an artifact from the turning point in the US space race against Soviet Russia, he called on the detectives to help him sort it all out. The show featured Roedel and his history mystery back in June, and his segment was just made available to the public on the *History Detectives* Web site:

<http://www.pbs.org/opb/historydetectives/>

The ARRL added that in October 1978, Roedel -- an ARRL member -- met Dwight "Doc" Saxmann, W3HNT (now a Silent Key), of Baltimore, Maryland, on the air. In one of their QSOs, Saxmann told Roedel that in the early 1960s, he had worked on *Echo 2*, an early NASA communications satellite made out of an experimental material.

For younger readers or forgetful readers of the *eDipole*, *Echo 2* -- a 135 feet diameter metalized PET film balloon -- was a balloon satellite that functioned as a reflector, not a transmitter, so that after it was placed in a low Earth orbit (LEO), a

signal would be relayed to it, reflected or bounced off of its surface and then returned to Earth.

Launched on January 25, 1964 on a Thor Agena rocket, *Echo 2* was used for passive communications experiments, as well as to investigate the dynamics of large spacecraft and for global geometric geodesy.

Additional history behind the PBS History Detective is found in the following:

Echo 2, orbiting in a near-polar orbit, was conspicuously visible to the unaided eye over all of the Earth. Brighter than all stars and sometimes even outshining Jupiter, it was probably seen by more people than any other man-made object in space. *Echo 2* reentered the Earth's atmosphere and burned up on June 7, 1969. NASA abandoned passive communications systems in favor of active satellites following *Echo 2*.

But as Roedel explained to Sociologist Dr Tukufu Zuberi, one of the researchers on *History Detectives*, he told Saxmann that he really didn't understand just what the balloon was made out of, "so he said if I sent him an envelope, he would send me back a piece of the satellite. And he did. I'd like to know if this is a piece of a NASA satellite. And if you could, I'd like to know a little bit more about Doc." Along with the material, Saxmann included a note and a diagram of the satellite.

So Zuberi got down to business, trying to find out all he could on NASA's *Echo* program -- and Saxmann. Zuberi found that when the *Echo* satellites were launched into space, it inflated and then operated like a giant mirror, bouncing radio waves back to Earth. "So the *Echo* was a major publicity event for the United States, something which is putting the US in direct competition with the Soviet Union," he explained. "But this is interesting -- the US shared the *Echo* technology with other countries. And it seems the Soviets actually participated in experiments with *Echo 2*, launched in 1964. The Soviets called *Echo 2* 'the friendly *Sputnik*.'"

Zuberi took the 4-inch square of metallic fabric -- half of it covered in mysterious pink powder -- that Saxmann sent Roedel to

NASA's Goddard Space Flight Center (GSFC). There, Ron Muller explained to him that *Echo 2* had a Mylar structure, but it had actual aluminum on the inside and the outside; this special fabric was glued together in panels for a 100-foot balloon. "And then it gets all folded up very carefully in a 'Z' shaped kind of a thing," Muller explained. And then the whole works gets stuffed into [a small] canister very carefully. Once it was in orbit, it would inflate to full size."

In a sequel to these historical events, Zubari sought out Debbie Thomas, also at GSFC; Thomas is the operator of the lab's scanning electron microscope. Thomas, with Roedel's permission, took a small cross-section of the material to scan it. Based on what she finds, she will be able to tell if was of the same fabric as *Echo 2*.

Thomas added, "Looks like maybe two metallic layers here. Let's see, I'm going to take a spot on here. Looks like aluminum. And this is Mylar here. So we know that we've got an aluminum sandwich, essentially. Your total thickness of your aluminum is about point three mils, thereabouts."

Armed with this information, Zubari met with Margery Sovinski, a material analyst at GSFC. She explained, "The total thickness for the material is very similar to what the report indicated it should be. So we've confirmed that it's very likely that the sample that you have here could have been used for the *Echo 2* projects." And the strange, pink powder? Sovinski explained that a fluorescent tracer was added to the material so that if there was a leak, the powder was bright enough that Mission Control could see it if the *Echo* balloon exploded in orbit.



Chuck Roedel, WA2MXR, of Beverly Hills, Florida, contacted the PBS show *History Detectives* to discover more about this 4 inch square of material that could be a part of the US space race

against Soviet Russia. [Screenshot from *History Detectives*]

Additional steps in these research steps were found in the following:

So now Zubari was sure that this piece of material was indeed from the *Echo 2* project. But how did Saxmann get a hold of it? In searching for Saxmann, he was able to find his son Milt, who explained to Zubari that his father had passed away in 1983. Doc Saxmann worked for Westinghouse, at the time, a sub-contractor to NASA. He confirmed to Zubari that the note Roedel received with the material was indeed written by his father: "Oh, yeah, that's his writing. He always printed." He also said his father was known as "Antenna Doc."

Additional historic unraveling was done when Milt explained that NASA contracted Westinghouse to conduct a series of tests on the *Echo 2* balloons here at the former naval air station at Lakehurst, New Jersey. "One of the final tests was the burst test," he said. "And it was like a just real loud dull 'thunk.'" In doing this test, the scientists had filled the test balloon up with so much gas to see how much it could take -- they knew it would explode. And when it exploded, there were lots of little pieces of balloon everywhere. "You know and it split open and everybody just dived in -- you know like kids with leaves? They just dove into this balloon. [Dad] dove in as well, because it was all over the place."

Zubari took all this information back to Roedel: "So a conversation over 30 years ago led to you having a piece of history in your closet." Roedel agreed, saying, "I never understood why he would send me this. I was just on the air. Now I have this story. This is really nice. Nice to know."

One part of history is the collection of events that have spawned both the research and its discoveries. Thanks to PBS, this element of our history will be shared with a greater audience than would normally be reached in other forms of the media.

Award Nominees Being Sought

The ARRL Board of Directors established the George Hart Distinguished Service Award to be given to an ARRL member whose service to the League's Field Organization is of the most exemplary nature. This special award is named in honor of George Hart, W1NJM. The ARRL explains Hart was a long-time Communications Manager at ARRL Headquarters and chief developer of the National Traffic System (NTS)

Upon learning that the ARRL Board of Directors had established this award named after him, Hart called his namesake award "a great honor."



The George Hart Distinguished Service Award is named in honor of George Hart, W1NJM.

The ARRL has established the following criteria for this award:

- Operating record with the National Traffic System; or
- Participation within the Amateur Radio Emergency Service® (ARES®); or
- Station appointments and/or leadership positions held within the ARRL Field Organization.

Additional structural elements for this award state that nominations for the George Hart Distinguished Service Award shall be accepted from anyone and shall be submitted to the Membership and Volunteer Programs Manager at ARRL Headquarters by November 1.

Nominations should document as thoroughly as possible the nominee's lifetime activities and achievements within the ARRL Field Organization. It is expected that nominated candidates will have 15 or more years of distinguished service.

The Programs and Services Committee will serve as the Review Committee, with the Board of Directors making the final determination at its Annual Meeting in January. Recipients will be

given an engraved plaque and cover letter, and will be profiled in *QST*.

The League added the following:

Nominations for the George Hart Distinguished Service Award, including any related supporting material and letters of recommendation, may be e-mailed to ARRL Headquarters to the attention of ARRL Membership and Volunteer Programs Manager Dave Patton, NN1N, or to ARRL Field and Public Service Team Supervisor Steve Ewald, WV1X. Nominations and supporting materials must be received no later than **November 1, 2010** to be considered.

Awards Goldwater Recipient Announced

The Radio Club of America (RCA) has named Tim Duffy, K3LR, of West Middlesex, Pennsylvania, as this year's recipient of its Barry Goldwater Amateur Radio Award. This prestigious group explains the Goldwater Award is given to an RCA member who is also a licensed amateur in recognition of a long record of service to the public through the use of Amateur Radio.

The recipient for this year's award will receive the award at the RCA's 101st Annual Awards Banquet that will be held in New York City in November. Duffy -- an ARRL Life Member who became an RCA member in 1999 and serves on the RCA Board of Directors, as well as chairman of its Marketing Committee -- will also be inducted as an RCA Fellow this year.

In describing his award Duffy told the ARRL, "I am humbled and thankful to receive this award. My entire life has been shaped by wireless communications -- and the people who have helped me along the way. I believe it is very important to give back to Amateur Radio and to the professional wireless communities. I am committed to helping others enjoy this opportunity as much as I have."

The following is a history of K3LR and his Amateur Radio History:

First licensed at age 12 in 1972 as WN3SZX, Duffy got hooked on Amateur Radio "because I thought it was cool. I started building crystal radio sets and hanging out with Denny Quinn, who back

then was WA3EIP and is now KG9IM. He showed me how much fun Amateur Radio could be. I don't think I have ever lost that excitement in the almost 40 years since!"

Duffy's first on-the-air operating event was ARRL Field Day in 1972. Five months later, he operated in his first contest, the ARRL November CW Sweepstakes, beginning a well-celebrated Amateur Radio contest career. "I operated as a single operator in the Novice category," he said, "racking up a whopping 172 contacts. Even though I didn't do well in the QSO department, I was hooked on contesting and found I wanted to do more of it." Duffy did indeed "do more of it," going on to win the North American CW Sprint Contest in 1979, 1981 and 1984. He also won the ARRL 160 Meter Contest in 1980 as a single operator and again in 1992 as part of a multi operator team. In 1988, he was the top USA single operator in the ARRL International DX SSB Contest. In 1999, Duffy began what he is best known for: the

. From Duffy's contest station in Western Pennsylvania, he has hosted almost 60 Multi/Multi team operations with more than 100 different operators participating, making more than 400,000 contacts through the years.

Duffy served as the Atlantic Division representative on the ARRL Contest Advisory Committee, with two years as chairman. He was also a member of the CQ World Wide Contest Committee for 20 years, assisting with log checking and other special projects. For almost 30 years, Duffy has been the moderator of the ever-popular Antenna Forum at the Dayton Hamvention. Beginning in 2007 in Dayton, he pioneered Contest University ([CTU](#)); since then, CTU has been presented in England and Italy. Under Duffy's chairmanship of CTU, more than 1000 hams have graduated from CTU. For the past 25 years, he has coordinated the [Contest Super Suite](#) during the Dayton Hamvention, as well as the annual [Contest Dinner](#) since 1993.

Duffy has represented the USA in the World Radiosport Team Championship four

times: 1996 in San Francisco, Finland in 2002, Brazil in 2006 and Russia in 2010. He is an ARRL Life Member and a Platinum Member of the ARRL Diamond Club. Duffy is a member of the Institute of Electrical and Electronic Engineers ([IEEE](#)) and serves on the Board of Directors of the World Wide Radio Operators Foundation ([WWROF](#)). He was elected into the CQ Contest Hall of Fame in 2006.



Tim Duffy, K3LR, has been selected as the 2010 recipient of the Radio Club of America's Barry M. Goldwater Award. Here, Duffy operates CW on 160 meters -- his favorite mode and band -- during one of the many contests from his QTH in Western Pennsylvania. [Photo courtesy of Tim Duffy, K3LR]

Radio is more than a hobby for Tim Duffy. This is demonstrated in a few snapshots of his professional life:

At the age of 15 -- shortly after earning his First Class Commercial Radiotelephone license -- he was hired as Chief Engineer for a local AM/FM radio station. One week after he started, the FM exciter broke, so the station manager called Duffy in to fix it. Unfortunately, this happened on a school day, so he had to be called out of algebra class to go make the repair. Luckily, the teacher let him go, as long as he made up the work.

Growing up, Duffy wanted to become a doctor so he could afford his dream station. But early on, electronics held him under its spell. He attended Penn State with the idea of becoming a doctor, but three years into the program, he found he just couldn't do it, so he switched his major to electrical engineering.

"In 1985, I interviewed for an engineering management position at a local TV broadcast station, a CBS affiliate," Duffy told the ARRL. "Now for someone who had grown up in broadcast radio, television was quite a step up. During the interview, the company mentioned that there was a new position open in engineering -- building a cellular network in Eastern Ohio. They told me that the job was so new that there was no description and that cellular might be a 'bust.' There were no guarantees how long the job would last. My close friend, Bill Wallace, K3SVO (SK), advised me to take the job and go into cellular, and that if it did not work out, I was young enough to get back into TV. The rest is history."

In 1999, he moved to Oklahoma where he was the Chief Technology Officer and Senior Vice President at Dobson Communications Corporation (Cellular One). In 2007, Dobson merged with AT&T and Duffy then served as AT&T's Executive Director in the Network Planning and Engineering Group. In 2009, he left AT&T to join Stelera Wireless as its Chief Technology Officer where he is responsible for the company's technology direction, subscriber product development, engineering related operations and network build out.

ARRL President Kay Craigie, N3KN -- herself an RCA Fellow -- congratulated Duffy on his election as Fellow: "Your personal accomplishments in technical and operating activities are outstanding. What is even more to be commended is your unfailing generosity toward others in sharing your knowledge and offering opportunities to operate a world-class station. Your effort to help others improve their Amateur Radio expertise is an example to be emulated."

The upcoming RCA Banquet will also feature additional awards to the following RCA members:

The following RCA members will also receive awards at the banquet:

The Armstrong Medal: Donald C. Cox, PhD, W0REL -- This first major award was established in 1935 with a special scroll which was presented to Major Edwin

H. Armstrong. The medal is bestowed by the Board of Directors upon any person within its membership who shall have made, in the opinion of the Board of Directors and within the spirit of the club, an important contribution to the Radio Art and Science.

The Sarnoff Citation: Andrew M. Seybold, W6AMS -- For significant contributions to the advancement of electronic communications. The first citation was given in 1973 to the Honorable Barry M. Goldwater, K7UGA, for his outstanding support of Amateur Radio.

President's Award: Steven M. Meer -- For continuing efforts and support on behalf of the Radio Club of America.

Special Service Award: Paula A. Nelson-Shira -- For her continuing support of the Radio Club of America and its activities.

Special Recognition Award: Richard G. Somers, W6NSV -- For his commitment in initiating and implementing the Radio Club of America's youth education program.

Joining Duffy in the RCA's Class of 2010 Fellows will be William F. Lieske Jr., Louis M. Manno, Donald McFarland, Richard Mirgon, John J. Sullivan and Larry G. Weber.

Initiated in 1994, the Barry Goldwater Amateur Radio Award has only been presented seven times.

Award Decisions for Specific Dissolution

In its periodic list of announcements, the ARRL included a statement made by the ARRL Awards Committee Makes Statement on Dissolution of Netherlands Antilles.

To clarify the administrative process by which the anticipated changes to the two existing Netherlands Antilles DXCC entities will be made, the ARRL Awards Committee has determined that at 0400 UTC (12:00 AM local time in the islands) on October 10, 2010, the two Netherland Antilles DXCC entities will be deleted. Commencing at 0400 UTC (12:00 AM local time) on October 10, 2010, operation from the islands of Curacao, Bonaire, Sint Maarten, Saba and St Eustatius will count for a yet-to-be-

determined number of new entities under the DXCC List Criteria and Political Entities, Rule 1 and/or Rule 2 Geographic Separation Entities. When the Awards Committee determines what Rule 1 or Rule 2 actions apply, it will announce the final disposition of the entities on the DXCC list. The DXCC desk will not accept confirmations for these new entities until after January 1, 2011.

What Is Coming

The currently scheduled meetings of the Marple Newtown Amateur Radio Club have been announced. They will include this month's Doug Fearn's (K2KW) presentation of the original digital form of communications.

The advanced schedule for the next series of programs for MNARC has been announced:

Every *eDipole* reader probably does not need a calendar to help in the reminder of the November presentation. This annual program will once more focus on Ham Radio modification. This translates to making available no-longer need electronics and voluntarily sharing this equipment with others at the Thursday, November 4 Annual MNARC Amateur Radio auction

As the use of digital tools continues to draw new participants to the hobby of Amateur Radio, the Thursday, December 2 MNARC meeting will have renewed training by Tom Tenaglia K3TAT. This welcomed, multiple-talented Ham Radio operator will provide IRLP training through demonstrations and instructions. In discussing this calendar-ending program, Tom volunteered that everyone should bring his or her handheld radio to this meeting.

The new calendar year will have Robert Famiglio, K3RF, as the guest. His program will provide updating data about the Delaware County ARES as well as the companion, wrap-around organization in our part of the ARRL's EPA.

Paraprosdokian Sentences

While being a skilled and experienced baker, Dan Amoroso, W3DI, also appreciates good humor and skilled verbiage. This, his most recent

contribution to the *eDipole*, embraces both of these traits.

- I asked God for a bike, but I know God doesn't work that way. So I stole a bike and asked for forgiveness.
- Do not argue with an idiot. He will drag you down to his level and beat you with experience.
- The last thing I want to do is hurt you. But it's still on the list.
- Light travels faster than sound. This is why some people appear bright until you hear them speak.
- If I agreed with you we'd both be wrong.
- We never really grow up, we only learn how to act in public.
- War does not determine who is right - only who is left.
- Knowledge is knowing a tomato is a fruit; Wisdom is not putting it in a fruit salad.
- The early bird might get the worm, but the second mouse gets the cheese.
- Evening news is where they begin with 'Good evening', and then proceed to tell you why it isn't
- To steal ideas from one person is plagiarism. To steal from many is research.
- A bus station is where a bus stops. A train station is where a train stops. On my desk, I have a workstation.
- How is it one careless match can start a forest fire, but it takes a whole box to start a campfire?
- I thought I wanted a career, turns out I just wanted paychecks.
- A bank is a place that will lend you money, if you can prove that you don't need it.

- Whenever I fill out an application, in the part that says "If an emergency, notify:" I put "DOCTOR".
- I didn't say it was your fault, I said I was blaming you.
- Why does someone believe you when you say there are four billion stars, but check when you say the paint is wet?
- Women will never be equal to men until they can walk down the street with a baldhead and a beer gut, and still think they are sexy.
- Why do Americans choose from just two people to run for president and 50 for Miss America?
- Behind every successful man is his woman. Behind the fall of a successful man is usually another woman.
- A clear conscience is usually the sign of a bad memory.
- You do not need a parachute to skydive. You only need a parachute to skydive twice.
- The voices in my head may not be real, but they have some good ideas!
- Always borrow money from a pessimist. He won't expect it back.
- A diplomat is someone who can tell you to go to hell in such a way that you will look forward to the trip.
- Hospitality: making your guests feel like they're at home, even if you wish they were.
- Money can't buy happiness, but it sure makes misery easier to live with.
- Some cause happiness wherever they go. Others whenever they go.
- There's a fine line between cuddling, and holding someone down so they can't get away.

- I used to be indecisive. Now I'm not sure.
- I always take life with a grain of salt, plus a slice of lemon, and a shot of tequila.
- When tempted to fight fire with fire, remember that the Fire Department usually uses water.
- You're never too old to learn something stupid.
- To be sure of hitting the target, shoot first and call whatever you hit the target.
- Nostalgia isn't what it used to be.
- Some people hear voices. Some see invisible people. Others have no imagination whatsoever.
- A bus is a vehicle that runs twice as fast when you are *after* it as when you are *in* it.
- If you are supposed to learn from your mistakes, why do some people have more than one child?
- Change is inevitable, except from a vending machine.

To save you the trouble of looking it up:

Paraprosdokian

A **paraprosdokian** (from Greek "παρα-", meaning "beyond" and "προσδοκία", meaning "expectation") is a figure of speech in which the latter part of a sentence or phrase is surprising or unexpected in a way that causes the reader or listener to reframe the first part. It is frequently used for humorous or dramatic effect, sometimes producing an anticlimax. For this reason, it is extremely popular among comedians and satirists.

Trouble with Translations

From Dan Amoroso, W3DI, comes a feature tagged as **Wonderful (translation) English from Around the World...**

In a Bangkok temple: IT IS FORBIDDEN TO ENTER A WOMAN, EVEN A FOREIGNER, IF DRESSED AS A MAN.

Cocktail lounge, Norway: LADIES ARE REQUESTED NOT TO HAVE CHILDREN IN THE BAR.

Doctor's office, Rome: SPECIALIST IN WOMEN AND OTHER DISEASES.

Dry cleaners, Bangkok: DROP YOUR TROUSERS HERE FOR THE BEST RESULTS.

In a Nairobi restaurant: CUSTOMERS WHO FIND OUR WAITRESSES RUDE OUGHT TO SEE THE MANAGER.

On the main road to Mombassa, leaving Nairobi: TAKE NOTICE: WHEN THIS SIGN IS UNDER WATER, THIS ROAD IS IMPASSABLE.

On a poster at Kencom: ARE YOU AN ADULT THAT CANNOT READ? IF SO WE CAN HELP.

In a City restaurant: OPEN SEVEN DAYS A WEEK AND WEEKENDS.

In a cemetery: PERSONS ARE PROHIBITED FROM PICKING FLOWERS FROM ANY BUT THEIR OWN GRAVES.

Tokyo hotel's rules and regulations: GUESTS ARE REQUESTED NOT TO SMOKE OR DO OTHER DISGUSTING BEHAVIOURS IN BED.

On the menu of a Swiss restaurant: OUR WINES LEAVE YOU NOTHING TO HOPE FOR.

In a Tokyo bar: SPECIAL COCKTAILS FOR THE LADIES WITH NUTS.

Hotel, Yugoslavia: THE FLATTENING OF UNDERWEAR WITH PLEASURE IS THE JOB OF THE CHAMBERMAID.

Hotel, Japan: YOU ARE INVITED TO TAKE ADVANTAGE OF THE CHAMBERMAID.

In the lobby of a Moscow hotel across from a Russian Orthodox monastery: YOU ARE WELCOME TO VISIT THE CEMETERY WHERE FAMOUS RUSSIAN AND SOVIET COMPOSERS, ARTISTS AND WRITERS ARE BURIED DAILY EXCEPT THURSDAY.

A sign posted in Germany 's Black Forest: IT IS STRICTLY FORBIDDEN ON OUR BLACKFOREST CAMPING SITE THAT PEOPLE OF DIFFERENT SEX, FOR INSTANCE, MEN AND WOMEN, LIVE TOGETHER IN ONE TENT UNLESS THEY ARE MARRIED WITH EACH OTHER FOR THIS PURPOSE.

Hotel, Zurich: BECAUSE OF THE IMPROPRIETY OF ENTERTAINING GUESTS OF THE OPPOSITE SEX IN THE BEDROOM, IT IS SUGGESTED THAT THE LOBBY BE USED FOR THIS PURPOSE.

Advertisement for donkey rides, Thailand: WOULD YOU LIKE TO RIDE ON YOUR OWN ASS?

Airline ticket office, Copenhagen: WE TAKE YOUR BAGS AND SEND THEM IN ALL DIRECTIONS.

A laundry in Rome: LADIES, LEAVE YOUR CLOTHES HERE AND SPEND THE AFTERNOON HAVING A GOOD TIME.

New Allocations Announced

In an era when traditional spectrum assignment are being either challenged or changed, the once-doubted hope for a below-the-broadcast band allocation has been given a new life.

In a September 20 announcement the ARRL reported that has been announced that the United States has taken a new stance on this part of the spectrum. The ARRL reported the following:

The Federal Communications Commission and the National Telecommunications and Information Administration (NTIA) -- the spectrum regulators for United States private sector and government users, respectively -- have

agreed to support a secondary MF allocation to the Amateur Radio Service at 461-469 kHz and 471-478 kHz at the 2012 World Radiocommunication Conference (WRC-12), to be held in Geneva, Switzerland from January 23-February 17, 2012. FCC and NTIA officials formally presented the proposal at a meeting of the Second Permanent Consultative Committee (PCC.II) of the Inter-American Telecommunication Commission (CITEL), held August 30-September 3 in Fortaleza, Brazil.

According to ARRL Chief Technology Officer Brennan Price, N4QX, the proposal reconciles two widely divergent proposals for WRC-12 Agenda Item 1.23, adopted by consensus of the private sector and government users. Agenda Item 1.23 calls on WRC-12 “to consider an allocation of about 15 kHz in parts of the band 415-526.5 kHz to the amateur service on a secondary basis, taking into account the need to protect existing services.” The FCC’s WRC-12 Advisory Committee (WAC) had adopted a proposal for a secondary amateur allocation at 495-510 kHz, but the NTIA, acting on the advice of government maritime interests, initially supported no change from the status quo.

“I am pleased that the United States is taking an affirmative position on Agenda Item 1.23,” Price said “While the proposed frequency bands differ from both what the ARRL proposed and the private sector supported by consensus during WAC deliberations, it is gratifying that government interests have backed off a no change position.”

Some maritime interests, both domestically and internationally, have expressed opposition to any amateur allocation in the range 415-526.5 kHz, citing existing narrowband direct printing applications at 490 and 518 kHz, as well as future plans for the band that have yet to be fully characterized, Price explained. To the extent future maritime uses of the band have been discussed, the focus has been on the 495-505 kHz segment. Despite the lack of plans for the remainder of the range under

consideration, the International Maritime Organization (IMO) has adopted a draft position of “no change” and has communicated this position to the ITU. IARU President Tim Ellam, VE6SH, has met with IMO officials in efforts to soften this position.

“The road to a favorable outcome for Agenda Item 1.23 at WRC-12 remains treacherous,” Price said. “The IMO is a respected organization, and their opinion carries weight. It’s up to us to continue to make the case that a secondary allocation can be made while protecting existing services, both to the IMO and to the ITU Member States who will make the decisions at WRC-12.”

Representing the ARRL on the United States’ Technical Relations Specialist Jon Severing, WB3ERA, had input to the CITEL PCC.II meeting. From that meeting, he notes other matters of concern to the Amateur Radio Service:

Regarding Agenda Item 1.14, considering an allocation to the radiolocation service between 30-300 MHz, the United States proposed that no change be made in ITU Region 2 and suggested that changes in other regions should be addressed by country-by-country footnotes to the ITU *Radio Regulations*. Proponents appear to be focusing on 154-156 MHz.

Regarding Agenda Item 1.19, considering regulatory provisions for software defined radio (SDR) and cognitive radio systems (CRS), sufficient support for a United States proposal of “no change” was garnered to have the proposal deemed a region-wide Inter-American proposal. The status quo reduces the risk of provisions in the *Radio Regulations* that could curtail experimentation in SDR and CRS by the Amateur Service and reduce the portability of equipment across international boundaries.

The Awards Announced

DARWIN AWARDS

If readers of the *eDipole* have been waiting for this year's Darwin Awards, wait no longer. The following is the collection making up the 2010 Darwin Awards.

8th Place

In Detroit, a 41-year-old man got stuck and drowned in two feet of water after squeezing head first through an 18-inch-wide sewer grate to retrieve his car keys.

7th Place

A 49-year-old San Francisco stockbroker, who "totally zoned when he ran", accidentally, jogged off a 100-foot high cliff on his daily run.

6th Place

While at the beach, Daniel Jones, 21, dug an 8-foot hole for protection from the wind and had been sitting in a beach chair at the bottom, when it collapsed, burying him beneath 5 feet of sand. People on the beach used their hands and shovels trying to get him out but could not reach him. It took rescue workers using heavy equipment almost an hour to free him. Jones was pronounced dead at a hospital.

5th Place

Santiago Alvarado, 24, was killed as he fell through the ceiling of a bicycle shop he was robbing. Death was caused when the long flashlight he had placed in his mouth to keep his hands free, rammed into the base of his skull as he hit the floor.

4th Place

Sylvester Briddell, Jr., 26, was killed as he won a bet with friends who said he would not put a revolver loaded with four bullets into his mouth and pull the trigger.

3rd Place After walking around a marked police patrol car parked at the front door, a man walked into H&J Leather & Firearms intent on robbing the store. The shop was full of customers and a uniformed officer was standing at the counter. Upon seeing the officer, the would-be robber announced a hold-up and fired a few wild shots from a target pistol. The officer and a clerk promptly returned fire and several customers also drew their guns and fired. The robber was pronounced dead at the scene

by Paramedics. Crime scene investigators located 47 expended cartridge cases in the shop. The subsequent autopsy revealed 23 gunshot wounds. Ballistics identified rounds from 7 different weapons. No one else was hurt.

RUNNER UP

Kerry Bingham had been drinking with several friends when one of them said they knew a person who had bungee-jumped from a local bridge in the middle of traffic. The conversation grew more heated and at least 10 men trooped along the walkway of the bridge at 4:30 a.m. Upon arrival at the midpoint of the bridge they discovered that no one had brought a bungee rope. Bingham, who had continued drinking, volunteered and pointed out that a coil of lineman's cable lay nearby. They secured one end around Bingham's leg and then Tied the other (!) to the bridge. His fall lasted 40 feet before the cable tightened and tore his foot off at the ankle. He miraculously survived his fall into the icy water and was rescued by two nearby fishermen. Bingham's foot was never located.

AND THE WINNER IS . . .

Zookeeper Friedrich Riesfeldt (Paderborn, Germany) fed his constipated elephant 22 doses of animal laxative and more than a bushel of berries, figs and prunes before the plugged-up pachyderm finally got relief. Investigators say ill-fated Friedrich, 46, was attempting to give the ailing elephant an olive oil enema when the relieved beast unloaded. The sheer force of the elephant's unexpected defecation knocked Mr. Riesfeldt to the ground where he struck his head on a rock as the elephant continued to evacuate 200 pounds of dung on top of him.

HONORABLE MENTION

Paul Stiller, 47, and his wife Bonnie were bored just driving around at 2 a.m. So they lit a stick of dynamite to toss out the window to see what would happen. Apparently they failed to notice the window was closed

It always seems important to thank these people for removing themselves from the gene pool!

WORDS YOU DON'T HEAR ANYMORE

- Be sure to refill the ice trays, we're going to have company.
- Watch for the postman, I want to get this letter to Willie in the mail today.
- Quit slamming the screen door when you go out!
- Be sure and pull the windows down when you leave, it looks like a shower is coming up.
- Don't forget to wind the clock before you go to bed.
- Wash your feet before you go to bed, you've been playing outside all day barefooted.
- Why can't you remember to roll up your britches legs? Getting them caught in the bicycle chain so many times is tearing them up.
- You have torn the knees out of that pair of pants so many times there is nothing left to put a patch on
- Don't you go outside with your school clothes on!
- Go comb your hair; it looks like the rats have nested in it all night.
- Be sure and pour the cream off the top of the milk when you open the new bottle.
- Take that empty bottle to the store with you so you won't have to pay a deposit on another one.
- Put a dishtowel over the cake so the flies won't get on it.
- Quit jumping on the floor! I have a cake in the oven and you are going to make it fall if you don't quit!
- Let me know when the Fuller Brush man comes by, I need to get a few things from him.
- You boys stay close by, the car may not start and I will need you to help push it off
- There's a dollar in my purse, get 5 gallons of gas when you go to town.
- Open the back door and see if we can get a breeze through here, it is getting hot.
- You can walk to the store; it won't hurt you to get some exercise.
- Don't sit too close to the TV. It is hard on your eyes.
- If you pull that stunt again, I am going to wear you out!
- Don't lose that button; I'll sew it back on after a while.
- Wash under your neck before you come to the table, you have beads of dirt and sweat all under there.
- Get out from under the sewing machine; pumping it messes up the thread!
- Be sure and fill the lamps this morning so we don't have to do that tonight in the dark.
- Here, take this old magazine to the toilet with you when you go, we are almost out of paper out there.
- Go out to the well and draw a bucket of water so I can wash dishes.
- Don't turn the radio on now; I want the battery to be up when the Grand Ole Opry comes on.
- No! I don't have 10 cents for you to go to the show. Do you think money grows on trees?
- Eat those turnips; they'll make you big and strong like your daddy.

- That dog is NOT coming in this house! I don't care how cold it is out there; dogs don't stay in the house.
- Sit still! I'm trying to get your hair cut straight and you keep moving and it is all messed up.
- Hush your mouth! I don't want to hear words like that! I'll wash your mouth out with soap!
- It is time for your system to be cleaned out. I am going to give you a dose of castor oil tonight.
- If you get a spanking in school and I find out about it, you'll get another one when you get home.
- Quit crossing your eyes! They will get stuck that way!
- Soak your foot in this pan of kerosene so that bad cut won't get infected.
- When you take your driving test, don't forget to signal each turn.
- Left arm straight out the window for a left turn; left arm bent up at the elbow for a right turn; and straight down to the side of the door when you are going to stop.
- It's: 'Yes Ma'am!' and 'No Ma'am!' to me, young man, and don't you forget it!
- Y'all come back now, ya hear?

FD Scoring

John Dyckman, the chair of the successful, widely, geographically represented Field Day 2010 forward a collection of data that became the foundation for the report forwarded to the American Radio Relay League. What no written report could document was the fine food created by Fred and Amy, the enduring fellowship that existed from set up to take down, and the many personal and collective lessons learned.

The following is John's report in the form of a data collection:

I have a large collection of photo prints from 2010 field day. Unfortunately, some formatting was seemingly lost between John and the receipt by W3DCL.

On the list of operators, the 2 operators of the GOTA station are not listed.

KB3TVK, Shela Gray made 105 QSO's on the GOTA station and Audrey Field (one of Fred's grand daughters) made 5 phone QSO's.

This added 110 phone QSO's to the "club's" total phone contacts from 368 by the rest of us + 110 for a total of 478 phone contacts.

See the other e-mails that I forwarded to you.

John C. Dyckman, WA3KFT

Call Used: N3NZ
 GOTA Station Call: KB3TVK/N3LMV
 ARRL/RAC Section: EPA
 Class: 7A

Participants: 67
 Club/Group Name: Marple Newtown/Mobile 6ers/MARC/Vertol Bears

Power Source(s): Generator, Solar

Power Multiplier: 2X

Bonus Points:

100% Emergency power	700
Media Publicity	100
Set-up in Public Place	100
Information Booth	100
NTS message to ARRL SM/SEC	100
W1AW Field Day Message	100
Formal NTS messages handled	100
Natural power QSOs completed	100
Site Visit by invited elected	100
Site Visit by invited served	100
Youth participation	60
Youth operators=3	
Youth participants=13	
GOTA Bonus	200
Submitted via the Web	50
Educational activity	100
Total Bonus Points	2,010

Score Summary:

	CW	Digital	Phone	Total
Total QSOs	770	0	478	
Total Points	1540	0	478	2018
Claimed Score = 4,036				

Submitted by:

John C. Dyckman, WA3KFT

Comments:

We had three (3) youth that operated under various control operators:

Audrey Field: 5 QSO's 10m phone
 Hannah Newman: 1 QSO 6m phone
 Matt Plank: 13 QSO's 80m phone

This should add 20 x 3 = 60 additional bonus points for youth ops.

Band/Mode QSO Breakdown:

	QSOs	Pwr (W)	QSOs	Pwr (W)	QSOs	Pwr (W)
160m	14	100			11	100
80m	165	100			57	100
40m	286	100			65	100
20m	158	100			140	100
15m	139	100			46	100
10m	8	100			21	100
6m					23	100
2m					5	50
1.25						
Other						
Satellite						
GOTA					110	100
TOTAL	770		0		478	

GOTA Bonus: Name/Call	GOTA Coach	Double Bonus	Points
Sheila Gray, KB3TVK	105	200	
Audrey Field, (NONE)	5	0	

New Berlin Movement

Gary Bodnar, K3GZ, a frequent supplier of both technical and humorous items has found a topic that embraces both literary concepts. The source of this feature was a Reuter wire service story. The story headline, "Toilet tours a new movement in Berlin" soon is uncovered as the first of the humorous entities.

The non-humor foundation for this feature tells of a sightseeing tour that is the answer for tourists hoping to find some "relief" from the traditional sightseeing tours. This German tour is indeed different; it tours Berlin's public conveniences.

Tour guide Anna Haase wanted to take visitors to see "the other side of" of Berlin. To do this, her tours are indeed off the beaten track. To reach this goal, she created a tour that has the novel idea of showing the tour-takers some of the German capital's most famous toilets.

This tour is much more than looking at "the facilities." Her tours escorts groups around the Berlin's lavatories, telling them about the history of the development of toilet's from biblical times to the present. Accompanying the history lesson, the visitors see a wide selection of Berlin's toilets. They range from the oldest and most primitive to the newest and most technical.

How did Ms. Haas come up with the idea of taking a closer look at Berlin's "WCs" (the British verbiage of water closets)? Following her attendance of the annual International Tourist Guide Day in 2005 in Berlin, where the theme was 'oases of calm' She thought her colleagues would probably all do tours of parks and churches.

Wanting to a break a taboo, Haas created a compiling of the history of Berlin's hygiene and toilet culture.

Highlights of the tour include a visit to a toilet block dating from the late 19th century and a trip to the Kaiser's fully restored bathroom at the Potsdamer Platz square. Tour-provider Haas also wants to use the tour to draw attention to the lack of toilets for tour groups in Berlin.

In interviews, Haase proudly reports that these toilet tours are in demand. Not only have they become a favorites with clubs and societies, they have drawn people with a specialist or professional interest in the topic. She has added, "At first people tend to turn their nose up, but then they are generally surprised at the interesting facts that they learn about on the tour."

In yet another quip of humor as well as keeping with the tour's theme, the meeting point is at the 19th century toilet block at the Berlin's Gendarmenmarkt Square. The tour ends at a restaurant called 'The Loo.'" A 'loo' is another British word for a toilet.

In a shockingly serious vein, persons taking this tour will also see a Japanese automatic toilet. Its not-so-modest price tag is approximately that of a small car.

No Text Is a Wise Decision

The following table was compiled in September 2010 and it provides some insight to the present and possible futures restrictions on cell phone use, as well as texting.

What currently appears as a lack of concern by Pennsylvania may be very short lived.

State	Hand-held ban	Laws restricting cellphone use and texting			Enforcement
		Young drivers all cellphone ban	Bus drivers all cellphone ban	Texting ban	
Alabama	no	drivers age 16 and 17-year-old drivers who have held an intermediate license for fewer than 6 months	no	drivers age 16 and 17-year-old drivers who have held an intermediate license for fewer than 6 months	primary
Alaska	no	no	no	all drivers	primary
Arizona	no	no	school bus drivers	no	primary
Arkansas	drivers 18 or older but younger than 21	drivers younger than 18	school bus drivers	all drivers	primary: texting by all drivers and cellphone use by school bus drivers; secondary: cellphone use by young drivers ¹
California	all drivers	drivers younger than 18	school and transit bus drivers	all drivers	primary; secondary for hands-free cellphone use by young drivers ¹
Colorado	no	drivers younger than 18	no	all drivers	primary
Connecticut	all drivers	drivers younger than 18	school bus drivers	all drivers	primary
Delaware	all drivers (effective 01/02/11)	learner's permit and intermediate license holders	school bus drivers	all drivers (effective 01/02/11)	primary
District of Columbia	all drivers	learner's permit holders	school bus drivers	all drivers	primary
Florida	no	no	no	no	not applicable
Georgia	no	drivers younger than 18	school bus drivers	all drivers	primary
Hawaii	no	no	no	no	not applicable
Idaho	no	no	no	no	not applicable
Illinois	drivers in construction and school speed zones	drivers younger than 19 and learner's permit holders younger than 19	school bus drivers	all drivers	primary
Indiana	no	drivers younger than 18	no	drivers younger than 18	primary
Iowa	no	learner's permit and intermediate license holders	no	all drivers	primary for learner's permit and intermediate license holders; secondary for texting
Kansas	no	learner's permit and intermediate license holders	no	all drivers	primary
Kentucky	no	drivers younger than 18	school bus drivers	all drivers	primary

Louisiana	with respect to novice drivers, see footnote ²	with respect to novice drivers, see footnote ²	school bus drivers	all drivers	primary ²
Maine	no	learner's permit and intermediate license holders	no	learner's permit and intermediate license holders	primary
Maryland	all drivers (effective 10/01/10)	learner's permit and provisional license holders younger than 18 (effective 10/01/10)	school bus drivers (hand-held ban) (effective 10/01/10)	all drivers	secondary; primary for texting
Massachusetts	no	drivers younger than 18 (effective 09/30/10)	school bus drivers (effective since 4/12/01) and passenger bus drivers (effective 09/30/10)	all drivers (effective 09/30/10)	primary
Michigan	no	no	no	all drivers	primary
Minnesota	no	learner's permit holders and provisional license holders during the first 12 months after licensing	school bus drivers	all drivers	primary
Mississippi	no	no	no	learner's permit and intermediate license holders	primary
Missouri	no	no	no	drivers 21 and younger	primary
Montana	no	no	no	no	not applicable
Nebraska	no	learner's permit and intermediate license holders younger than 18	no	all drivers	secondary
Nevada	no	no	no	no	not applicable
New Hampshire	no	no	no	all drivers	primary
New Jersey	all drivers	learner's permit and intermediate license holders	school bus drivers	all drivers	primary
New Mexico	no	no	no	no	not applicable
New York	all drivers	no	no	all drivers	primary; secondary for text messaging
North Carolina	no	drivers younger than 18	school bus drivers	all drivers	primary
North Dakota	no	no	no	no	not applicable
Ohio	no	no	no	no	not applicable
Oklahoma	learner's permit and intermediate license holders (effective 11/01/10)	no ³	school bus drivers and public transit drivers (effective 11/01/10)	learner's permit holders, intermediate license holders, school bus drivers and public transit drivers (effective 11/01/10)	primary (effective 11/01/10)
Oregon	all drivers	drivers younger than 18	no	all drivers	primary
Pennsylvania	no	no	no	no	not applicable
Rhode Island	no	drivers younger than 18	school bus drivers	all drivers	primary

South Carolina	no	no	no	no	not applicable
South Dakota	no	no	no	no	not applicable
Tennessee	no	learner's permit and intermediate license holders	school bus drivers	all drivers	primary
Texas	drivers in school crossing zones	intermediate license holders for the first twelve months	bus drivers when a passenger 17 and younger is present	bus drivers when a passenger 17 and younger is present; intermediate license holders for first twelve months; drivers in school crossing zones	primary
Utah	all drivers	no	no	all drivers	primary for texting; secondary for talking on a hand-held cellphone ⁴
Vermont	no	drivers younger than 18	no	all drivers	primary
Virginia	no	drivers younger than 18	school bus drivers	all drivers	secondary; primary for school bus drivers
Washington	all drivers	learner's permit and intermediate license holders	no	all drivers	primary
West Virginia	no	drivers younger than 18 who hold either a learner's permit or an intermediate license	no	drivers younger than 18 who hold either a learner's permit or an intermediate license	primary
Wisconsin	no	no	no	all drivers (effective 12/01/10)	primary (effective 12/01/10)
Wyoming	no	no	no	all drivers	primary

1The laws in Arkansas and California prohibit police from stopping a vehicle to determine if a driver is in compliance with the law. Clearly, that language prohibits the use of checkpoints to enforce the law, but it has been interpreted as the functional equivalent of secondary provisions that typically state the officer may not stop someone suspected of a violation unless there is other, independent, cause for a stop.

2In Louisiana, all learner's permit holders, irrespective of age, and all intermediate license holders are prohibited from driving while using a hand-held cellphone and all drivers younger than 18 are prohibited from using any cellphone. Effective April 1, 2010 all drivers, irrespective of age, issued a first driver's license will be prohibited from using a cellphone for one year. The cellphone ban is secondary for novice drivers age 18 and older.

3In Oklahoma, learner's permit and intermediate license holders are banned from using a hand-held electronic device while operating a motor vehicle for non-life-threatening emergency purposes.

4Utah's law defines careless driving as committing a moving violation (other than speeding) while distracted by use of a hand-held cellphone or other activities not related to driving.

